
Public Charter Applications 2019

Key Facility and Population Information

May 15, 2019

New Charter Applications

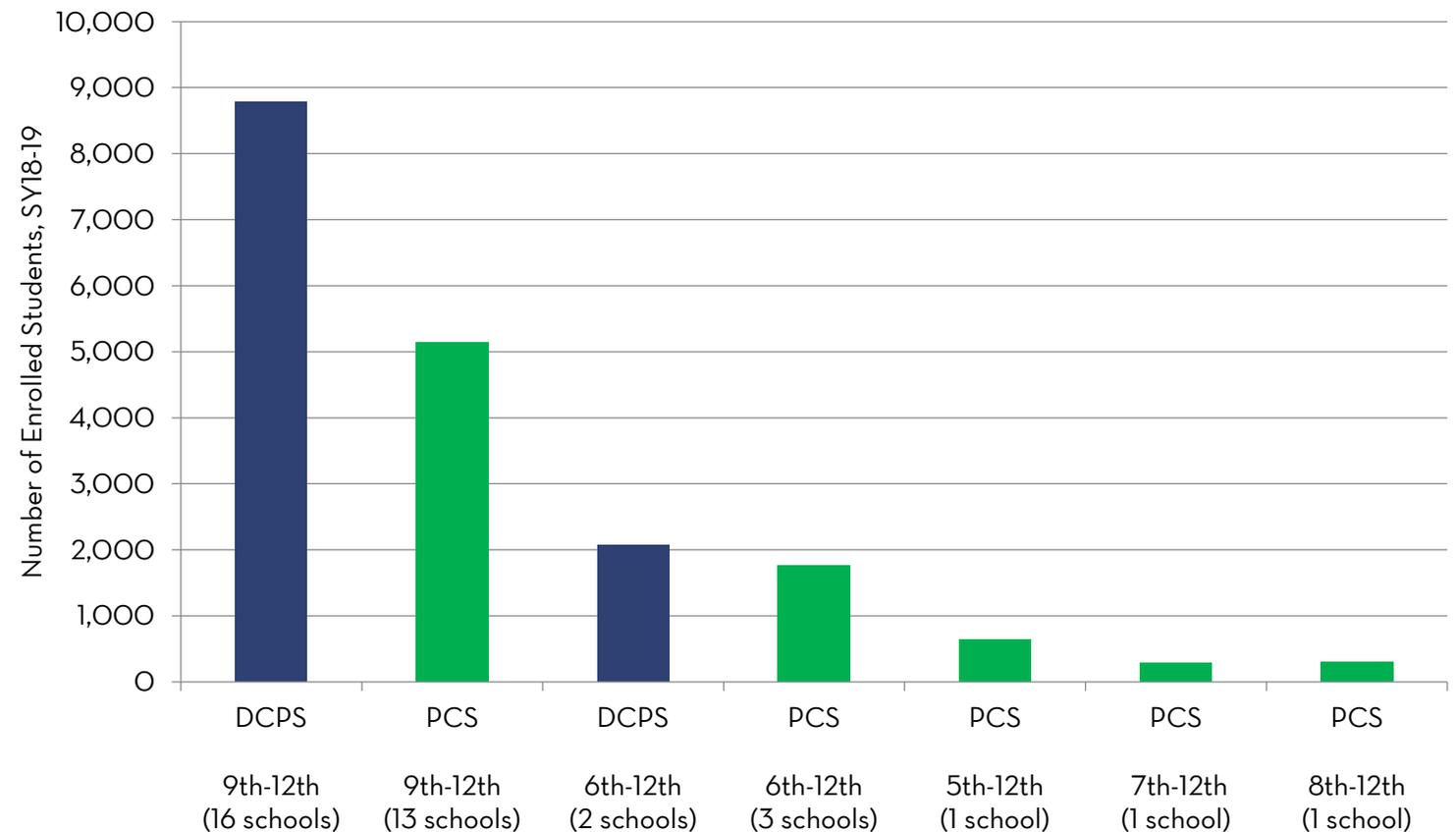
- 11 new applications
 - 2 elementary (PK-5 grade), including an Arabic dual language immersion
 - 2 middle schools (5-8 grade)
 - 4 high schools (9-12 grade), including an all-girls high school
 - 1 secondary education campus (6-12 grade), a Montessori program
 - 1 K-12 grade
 - 1 Adult school with early childhood

High School Facility and Population Analysis

Supply of High Schools and Education Campuses

- 37 high schools or middle/high schools = 18,968 students*
 - 18 are DCPS = 10,848 students
 - 19 are PCS = 8,120 students

Enrollment at High Schools and Middle/High School Campuses, SY18-19



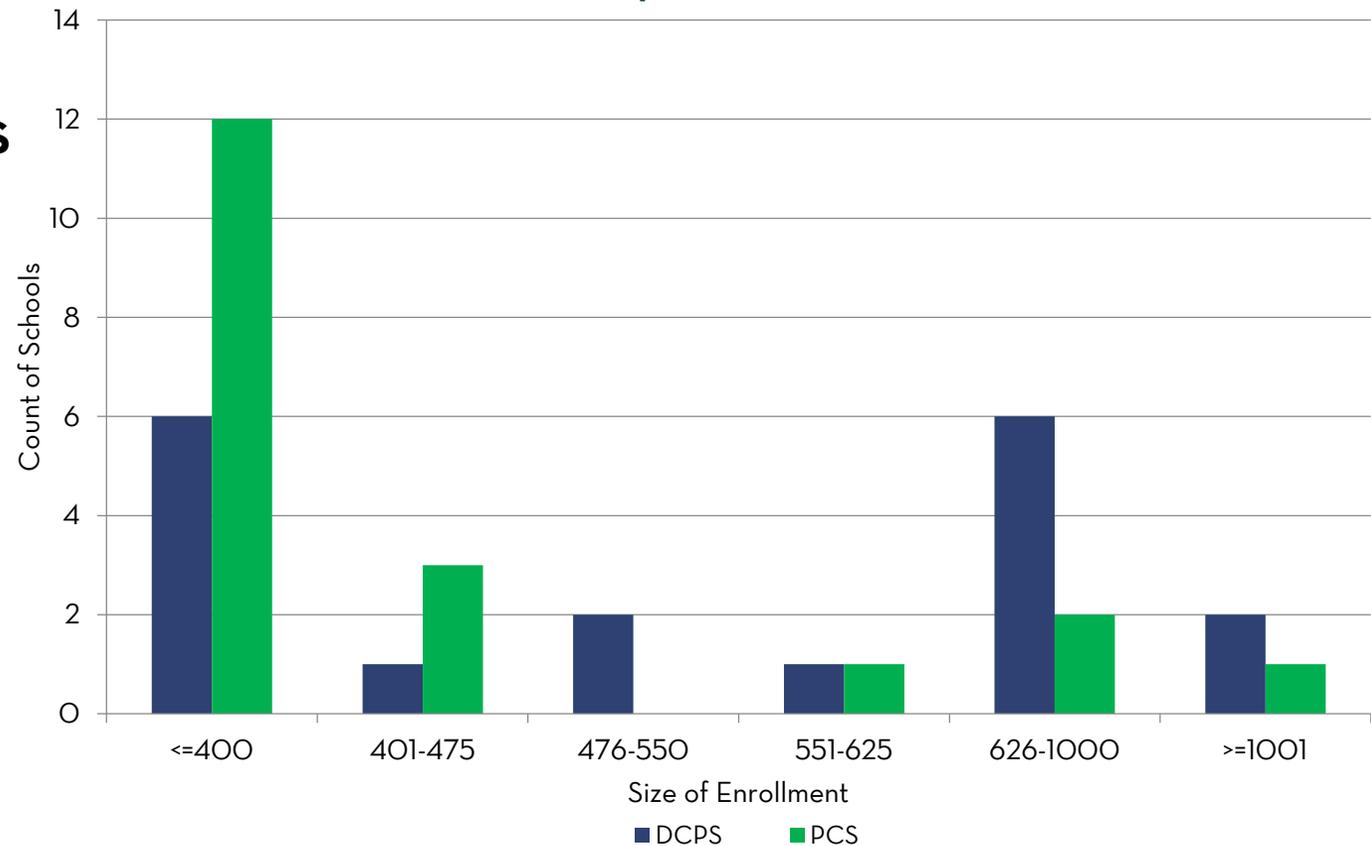
- This includes alternative-diploma granting high schools and enrollment in the middle school grades; excludes National Collegiate Prep PCS and Cesar Chavez PCS Capitol Hill

Note: Some schools are still growing a grade each year. Schools were placed in the grade span category they would be in once they reach their maximum grade.

Enrollment Size of High Schools

- Most of the public charter schools offering high school grades are 400 students or less
 - 12 out of 19 charter schools
- Due to per student funding, small schools are challenging to manage financially

Enrollment Size of High Schools and Middle/High School Campuses, SY18-19



Current Capacity of High Schools

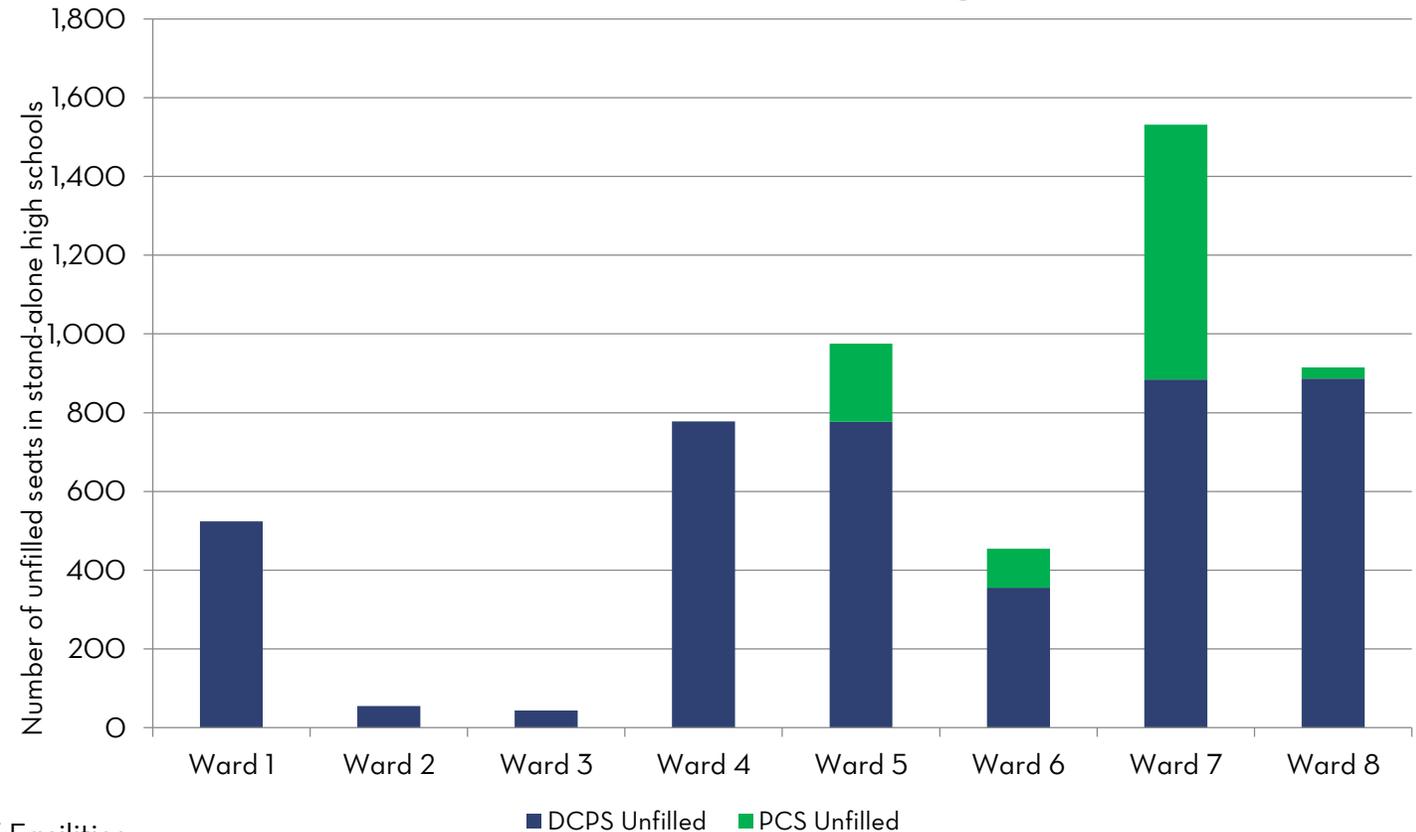
- As of SY2018-19, the 21 high schools offering 8th-12th or 9th-12th with no other school in the building* had an average utilization rate of 71%
 - Total capacity of 17,052 seats
 - DCPS utilization = 70%
 - PCS utilization = 74%
- This results in 5,277 unfilled seats in these schools
 - DCPS = 4,305 seats
 - PCS = 972 seats

- Referred to as “stand-alone high schools.” High schools that share facilities with other schools and grade configurations are excluded. Also excludes National Collegiate Prep PCS and Cesar Chavez Capitol Hill PCS.

Unfilled Seats by Ward, Stand-Alone High Schools

- Unfilled public charter seats in *stand-alone** high schools are in Wards 5, 6, and 7
- DCPS has large numbers of unfilled seats in stand-alone high schools in Wards 4 through 8
- Raises the question of how to better use unfilled seats moving forward for new schools from either sector (e.g., facility sharing or co-location)

Unfilled Seats in the 21 Stand-Alone High School, SY18-19



Count of Facilities

Sector	Ward 1	Ward 2	Ward 3	Ward 4	Ward 5	Ward 6	Ward 7	Ward 8
DCPS	2	2	1	2	3	1	2	2
Public Charter	0	1	0	0	1	1	2	1

- Includes only schools offering high school grades and do not share facility with another school.

Current Capacity of Schools Offering High School Grades*

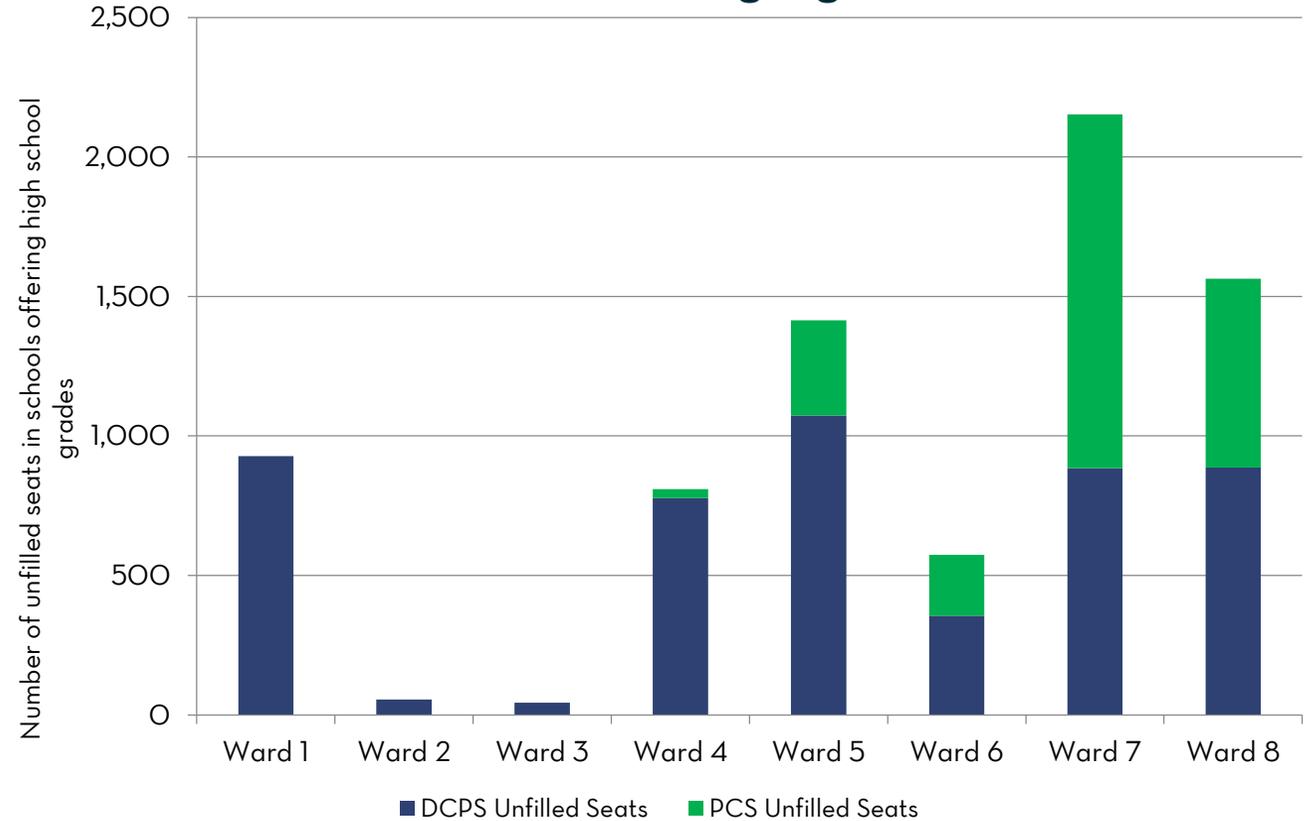
- Looking at all 37 schools that offered *at least one high school grade* (9th through 12th) but could also offer middle or even elementary grades, these schools had an average utilization rate of 77%
 - Total capacity of 30,115 seats (could offer earlier grades as well)
 - DCPS utilization = 72%
 - PCS utilization = 83% (includes colocated facilities)
- Citywide unfilled seats in schools with high school grades was 7,541 seats. These seats could be intended for earlier grades - the programmatic capacities do not differentiate.
 - DCPS = 5,005 seats
 - PCS = 2,536 seats

*Note: because some high schools also serve middle school or elementary grades (school configurations beyond 9th-12th grade) the facility capacities used here may include seats intended for grades in elementary and middle school as well. Excludes National Collegiate Prep PCS, Cesar Chavez Capitol Hill, and Cesar Chavez Prep.

Unfilled Seats by Ward, Schools Offering High School Grades

- Unfilled public charter seats in schools that offer at least one high school grade (and could include middle or elementary grades too) are in mostly in Wards 5, 6, 7, and 8
- DCPS has unfilled seats in facilities offering high school grades in all wards, but few in Wards 2 and 3
- Raises the question of how to better use unfilled seats moving forward for new schools from either sector (e.g., facility sharing or co-location)

Unfilled Seats for Schools Offering High School Grades, SY18-19



Count of Facilities

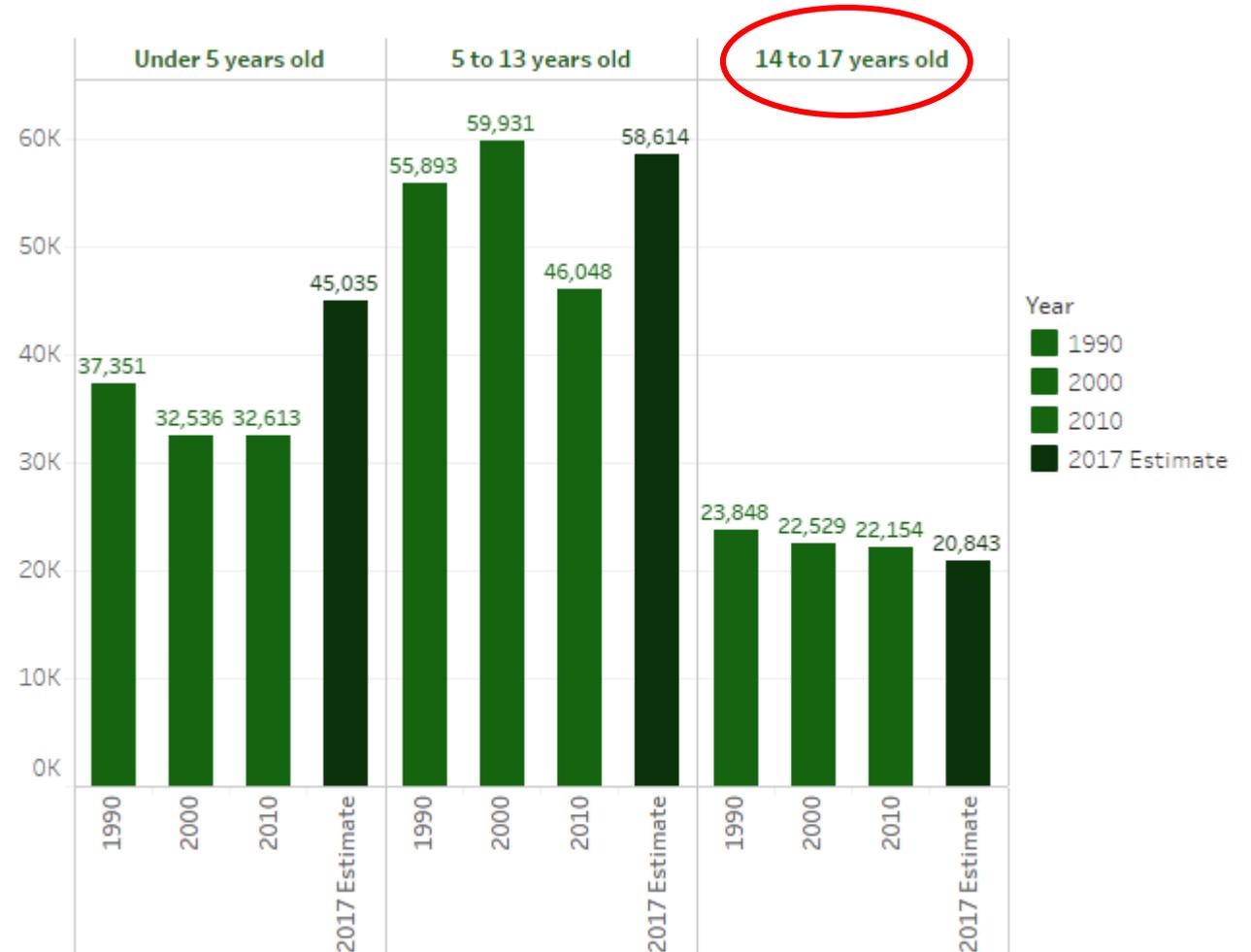
Sector	Ward 1	Ward 2	Ward 3	Ward 4	Ward 5	Ward 6	Ward 7	Ward 8
DCPS	4	2	1	2	4	1	2	2
Public Charter	0	2	0	5	2	2	5	3

Growth Plans

- None of this accounts for the replication and expansion of existing LEAs
- New DCPS high schools opening in SY19-20 include:
 - Bard High School
 - Early College Academy at Coolidge High School
 - Banneker HS gradually expanding
- From the 2018 Master Facility Plan growth plans, we know that:
 - 7 existing LEAs would like to open a new high school, which would require the DC PCSB to either approve an enrollment ceiling increase and/or approve a new facility location.
 - Other existing schools aspire to increase their HS enrollment or finish enrolling their HS grade span, which may also require the DC PCSB to approve an enrollment ceiling increase and/or a new facility location.

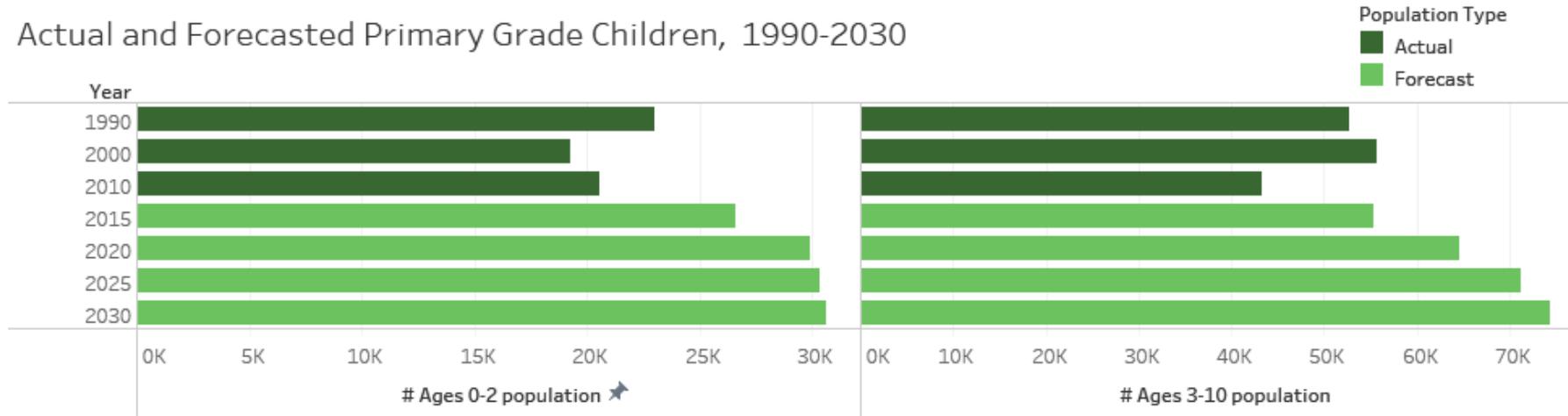
Population Trends of High School Age Children

- The estimated number of children under age 5 and those aged 5 to 13 have both increased by more than 12,000 children between 2010 and 2017.
- The number of 14 to 17 year olds have steadily decreased since 1990.

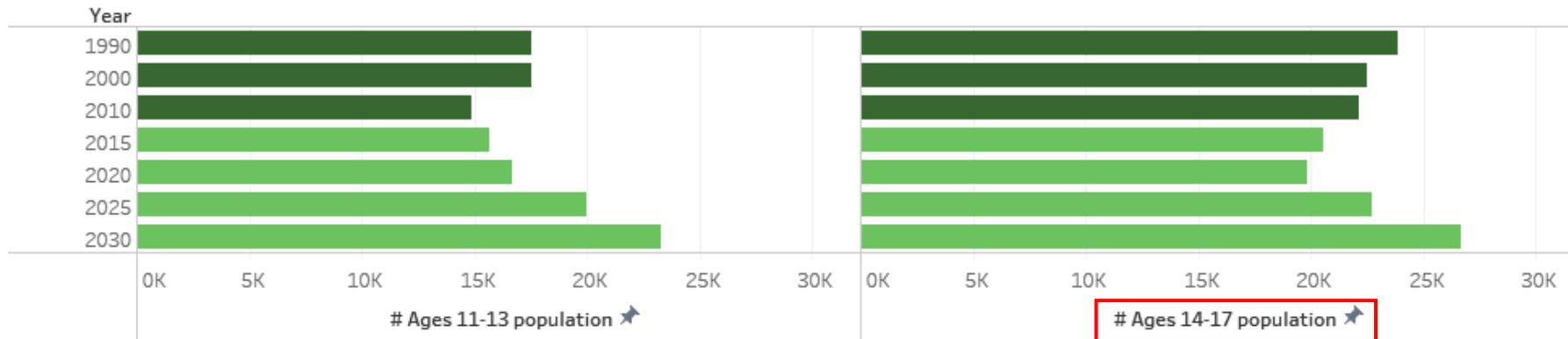


High School Population Not Increasing Until After 2020

Actual and Forecasted Primary Grade Children, 1990-2030

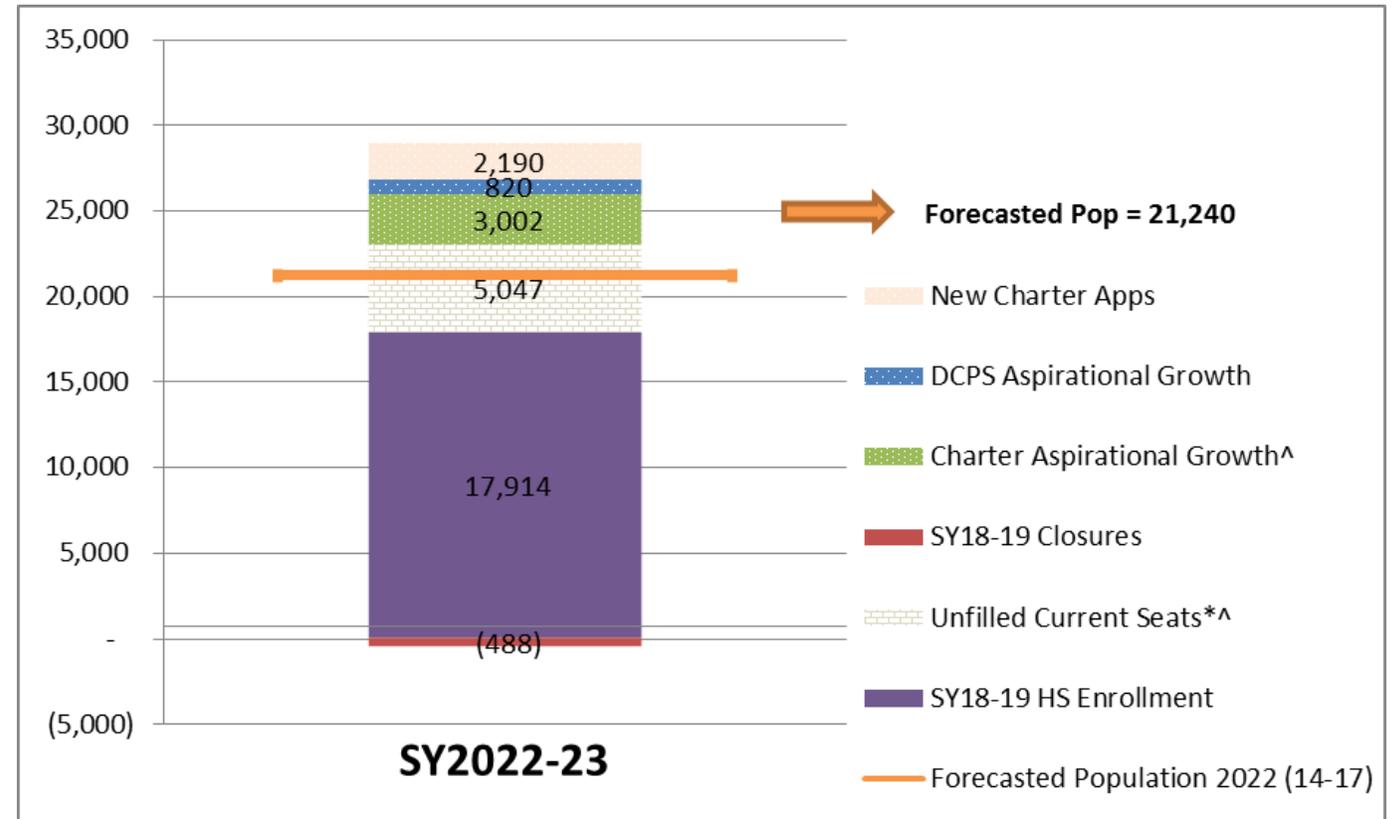


Actual and Forecasted Secondary Grade Children, 1990-2030



HS Enrollment + Aspiration Growth Surpasses Forecasted HS Population

- Total HS enrollment including aspirational HS growth = 28,973 students
 - 17,914 HS students enrolled in SY18-19⁺, taking into account upcoming closures
 - Unfilled current HS seats = 5,047
 - Facility capacities⁺ of schools housing high school students (24,589 seats) minus the following: SY18-19 HS enrollment (17,914 students); charters expected to complete HS grades in current bldgs (1,628 students)
 - Existing charter aspirational growth potentially needing new buildings = 3,002 HS students[^]
 - Increasing enrollment in current or new buildings, 501 students
 - Replicating additional locations, 2,501 students
 - Existing DCPS aspirational growth requiring new buildings = 820 HS students
 - New high school charter application enrollment ceilings = 2,190 students
- Forecasted high school pop (14-17 year olds) in 2022 = 21,240 children



⁺ Includes enrollment of grades 9-12 plus 3 alternative diploma granting alternative high schools. This total is irrespective of grade configuration of school or whether the facilities are stand-alone or shared.

^{*} Facility capacities are calculated from stand-alone SY17-18 high school capacities as well as high school grade capacity proportioned from education campuses.

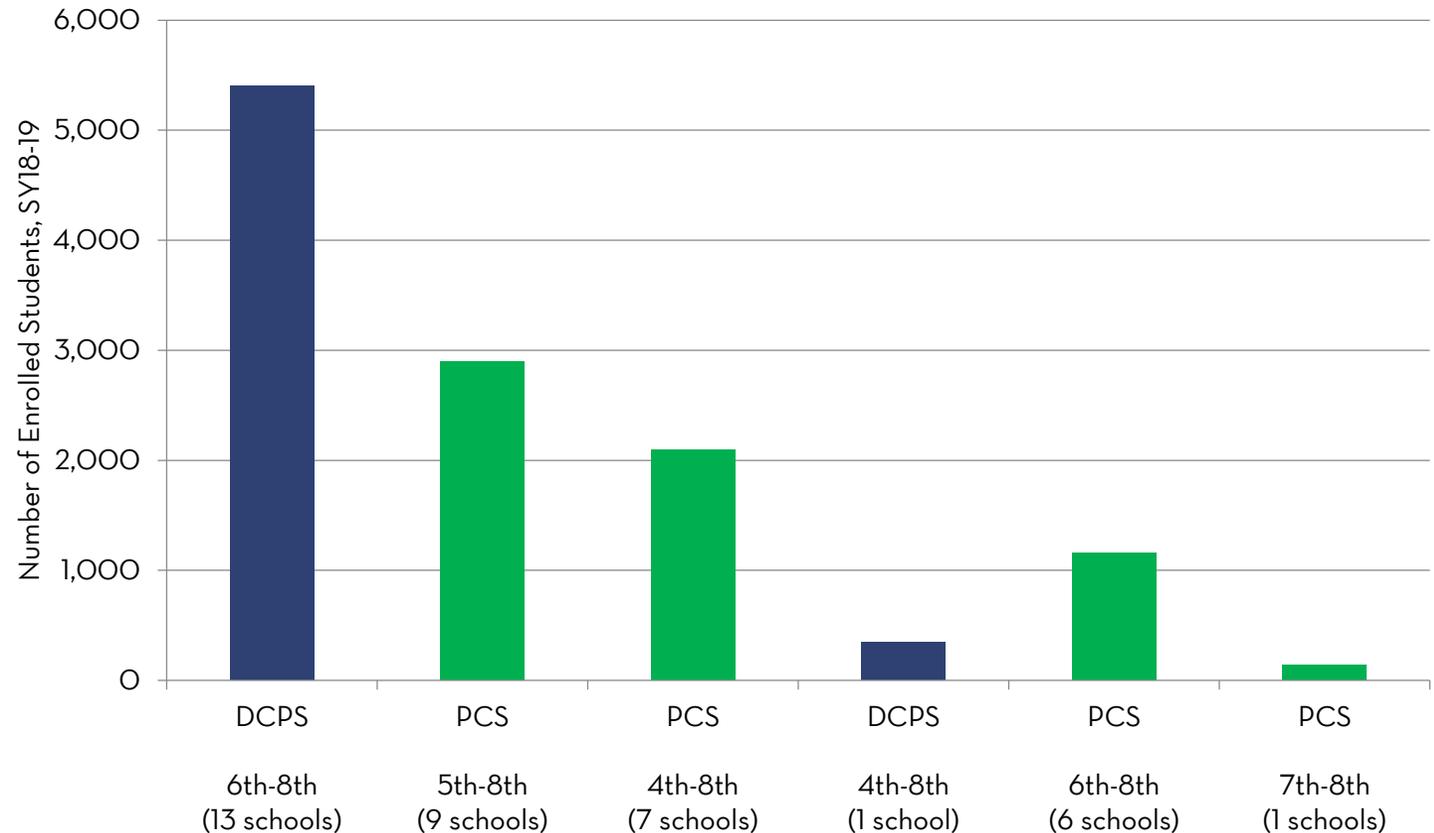
[^] This aspirational growth from the 2018 MFP may require the DC PCSB to approve an increased enrollment ceiling and/or a new facility location.

Middle School Facility and Population Analysis

Supply of Stand-Alone Middle Schools

- 37 middle schools = 12,042 students
 - 14 are DCPS = 5,747 students
 - 23 are PCS = 6,295 students
- The analysis is restricted to schools serving just middle schools and not education campuses that include elementary or high school grades
- Analysis focuses on stand-alone MS because it reflects the two specific charter applicants

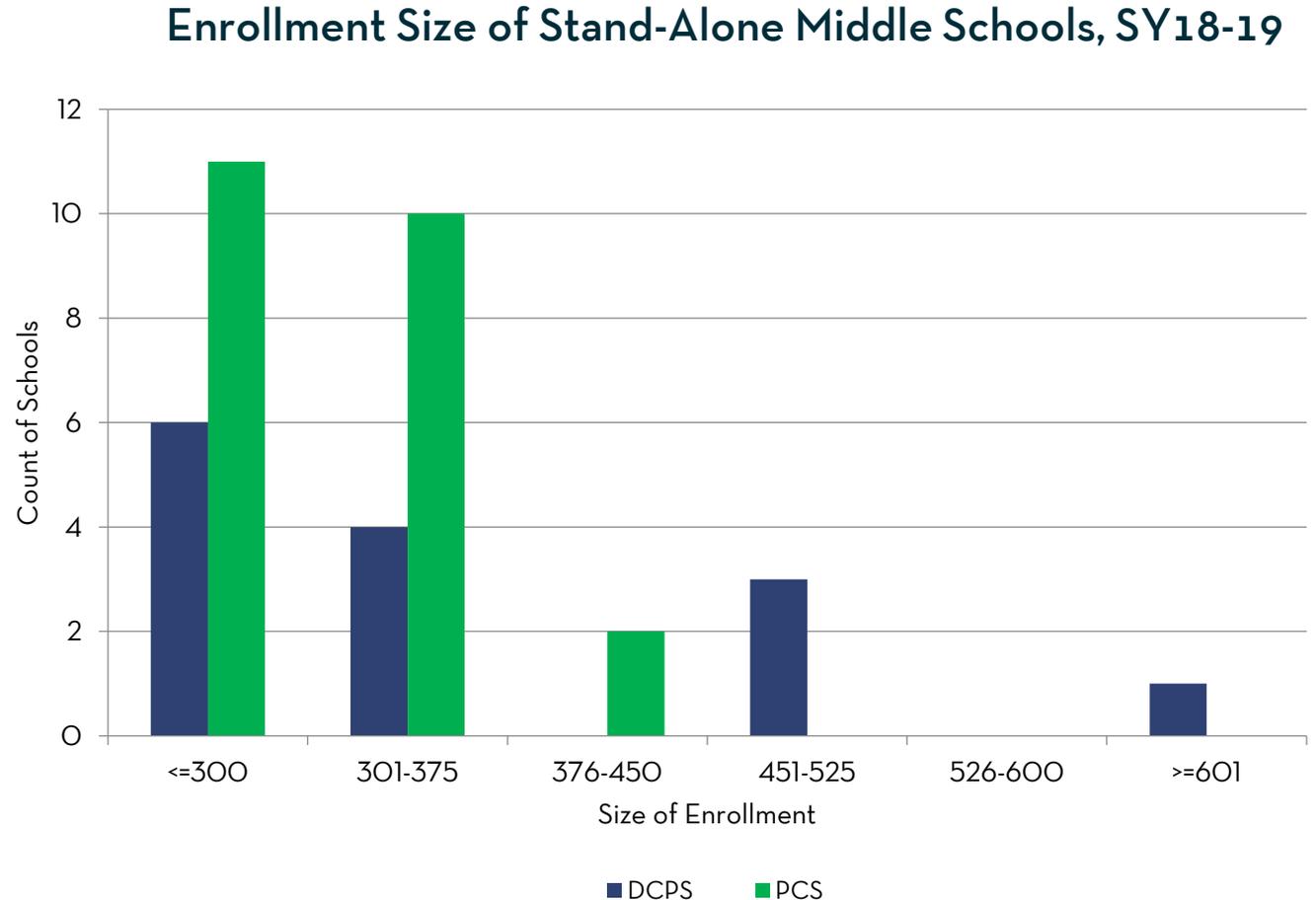
Enrollment at Stand-Alone Middle Schools, SY18-19



Note: Some schools are still growing a grade each year. Schools were placed in the grade span category they would be in once they reach their maximum grade. Excludes Cesar Chavez Prep and Cesar Chavez Parkside MS

Enrollment Size of Stand-Alone Middle Schools

- 17 schools (out of 37) are less than 300 students
- Due to per student funding, small schools are challenging to manage financially



Current Capacity of Stand-Alone Middle Schools

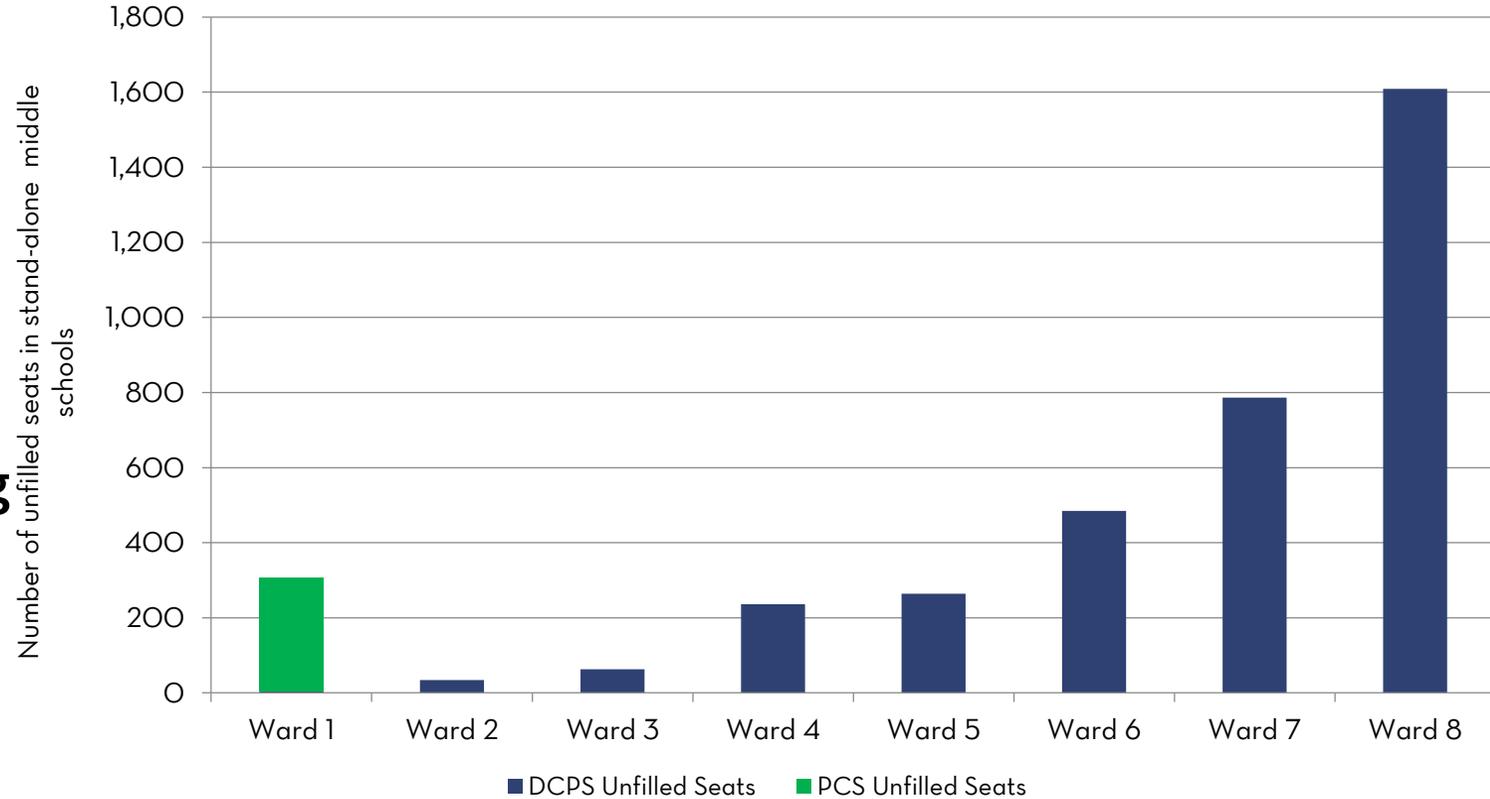
- As of SY2018-19, those middle schools located alone* in their buildings (20 schools) had an average utilization rate of 66%
 - DCPS utilization (12 DCPS) = 60%
 - PCS utilization (8 schools) = 98%
- Citywide unfilled seats in middle schools was 3,605 seats
 - DCPS = 3,482 seats
 - PCS = 123 seats

*Note: this analysis is restricted to buildings housing just one middle school and the middle school does not share the building with other grade-level schools. That way the building facility is intended solely for middle school grades. Excludes Cesar Chavez Prep.

Unfilled Seats by Ward, Stand-Alone Middle Schools

- Unfilled seats in stand-alone middle schools are primarily in Wards 7 and 8, and are predominately in DCPS middle schools.
- Raises the question of how to better use unfilled seats moving forward for new schools from either sector (e.g., facility sharing or co-location).

Unfilled Seats for Stand-Alone Middle Schools, SY18-19



Count of Facilities

Sector	Ward 1	Ward 2	Ward 3	Ward 4	Ward 5	Ward 6	Ward 7	Ward 8
DCPS	1	1	1	1	1	2	2	3
Public Charter	3	0	0	0	1	3	1	0

Note: this analysis is restricted to buildings housing just one middle school and the middle school does not share the building with other grade-level schools. That way the building facility is intended solely for middle school 18grades.

Current Capacity of Schools Offering Middle School Grades*

- Looking at the 77 schools that offered *at least one middle school grade* (6th through 8th), they had an average utilization rate of 79%
 - DCPS utilization = 71%
 - PCS utilization = 86%
 - Colocation utilization = 87%
- Citywide unfilled seats in middle schools was 10,714 seats
 - DCPS = 6,063 seats
 - PCS = 3,709 seats
 - Colocated = 942 seats

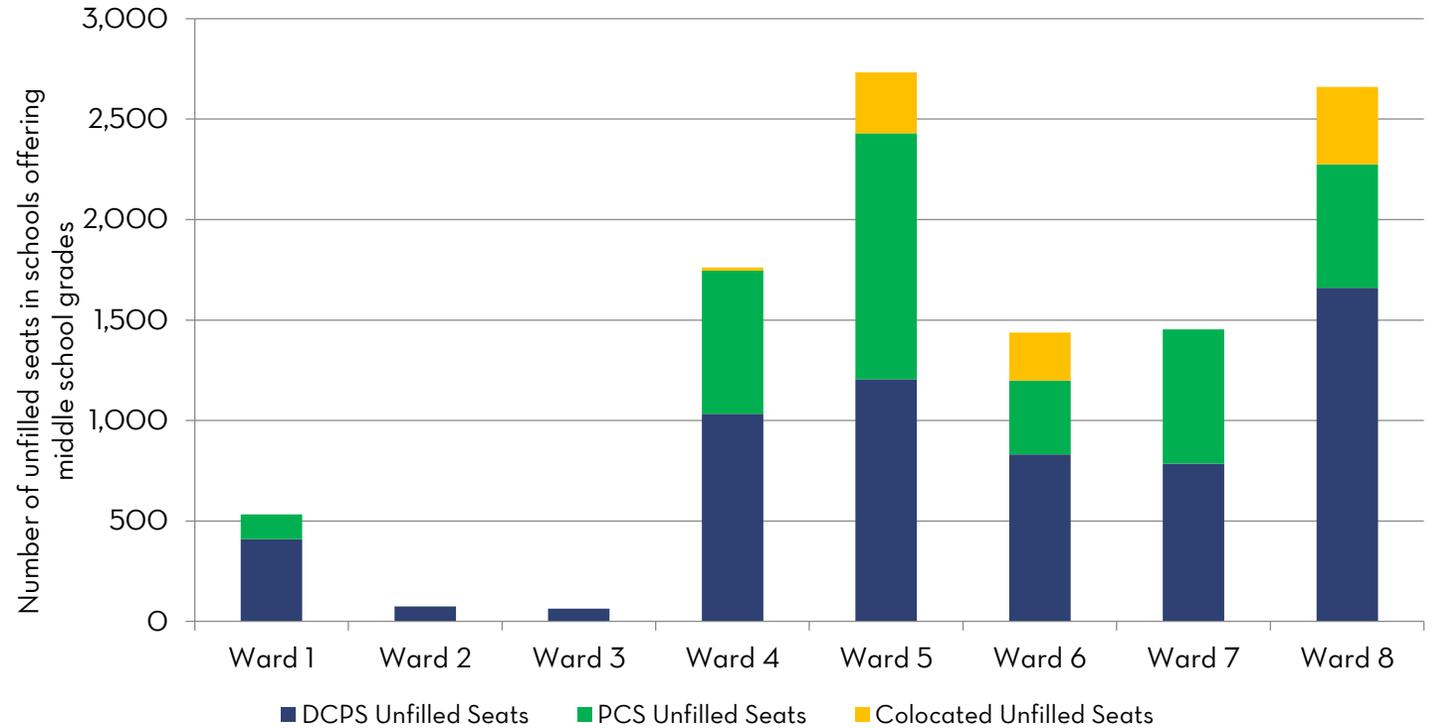
*Note: because some middle schools also serve high school or elementary grades (school configurations beyond 6th-8th grade) the facility capacities used here may include seats intended for grades in elementary and high school as well. Excludes Cesar Chavez Prep and Democracy Prep

Unfilled Seats by Ward, Schools Offering Middle School Grades

- Unfilled seats in schools that offer at least one middle school grade are primarily in Wards 5 and 8
- Raises the question of how to better use unfilled seats moving forward for new schools from either sector (e.g., facility sharing or co-location)

*Note: because some middle schools also serve high school or elementary grades (school configurations beyond 6th-8th grade) the facility capacities used here may include seats intended for grades in elementary and high school as well.

Unfilled Seats for Schools Offering Middle School Grades, SY18-19



Count of Facilities

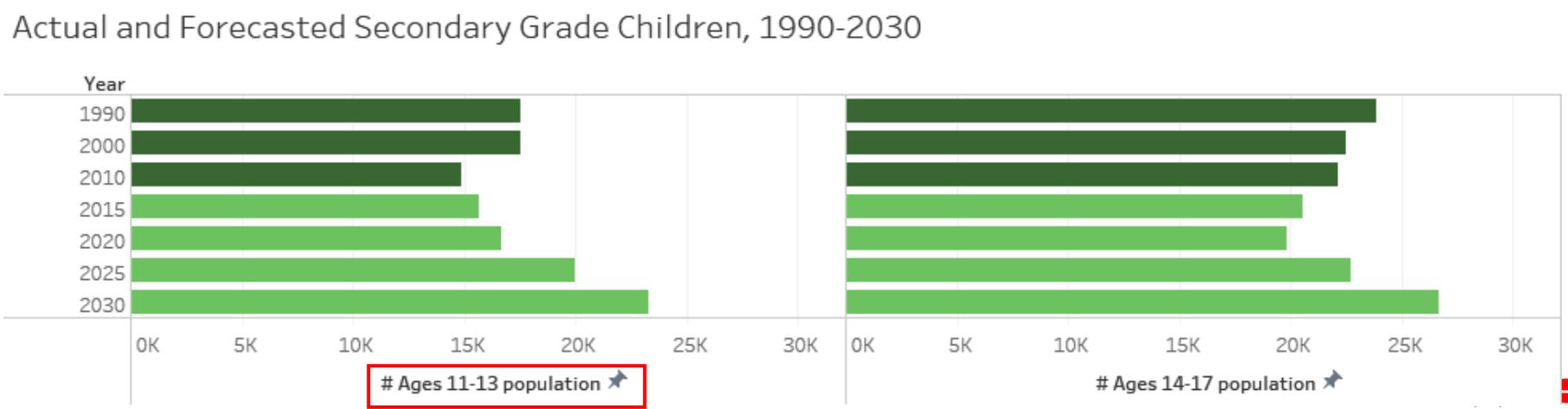
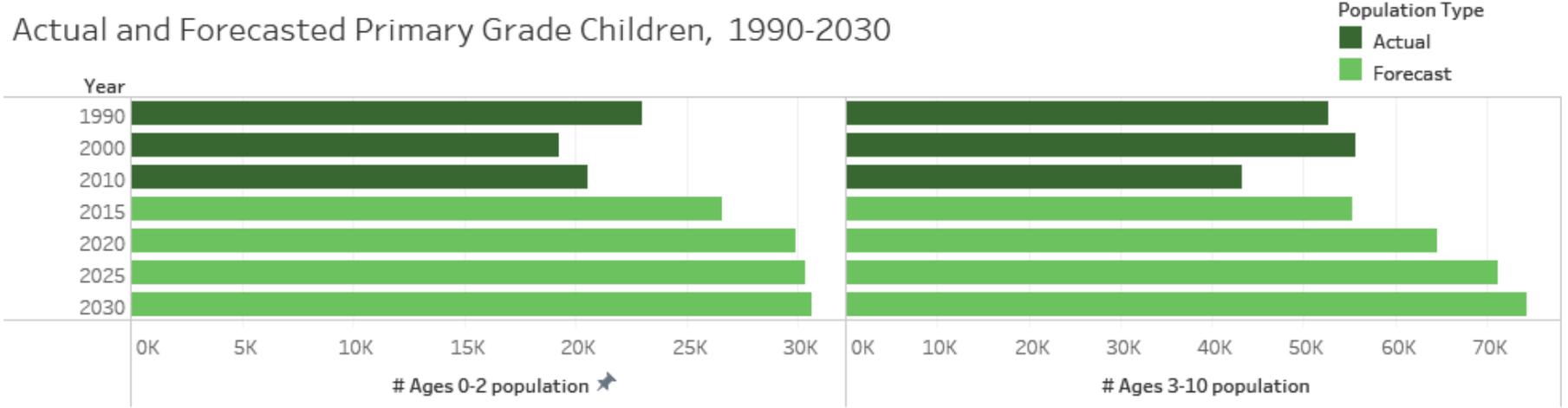
Sector	Ward 1	Ward 2	Ward 3	Ward 4	Ward 5	Ward 6	Ward 7	Ward 8
DCPS	3	2	1	8	4	4	2	5
Public Charter	3	1	0	7	11	9	8	5
Colocated	0	0	0	1	1	1	0	1

Growth Plans

- None of this accounts for the replication and expansion of existing LEAs
- New DCPS middle schools opening in SY19-20 include:
 - Ida B. Wells Middle School
- From the 2018 Master Facility Plan growth plans, we know that:
 - 5 existing LEAs would like to open a new middle school, which would require the DC PCSB to either approve an enrollment ceiling increase and/or approve a new facility location.
 - Other existing schools aspire to increase their middle school enrollment or finish enrolling their middle school grade span, which may also require the DC PCSB to approve an enrollment ceiling increase and/or a new facility location.

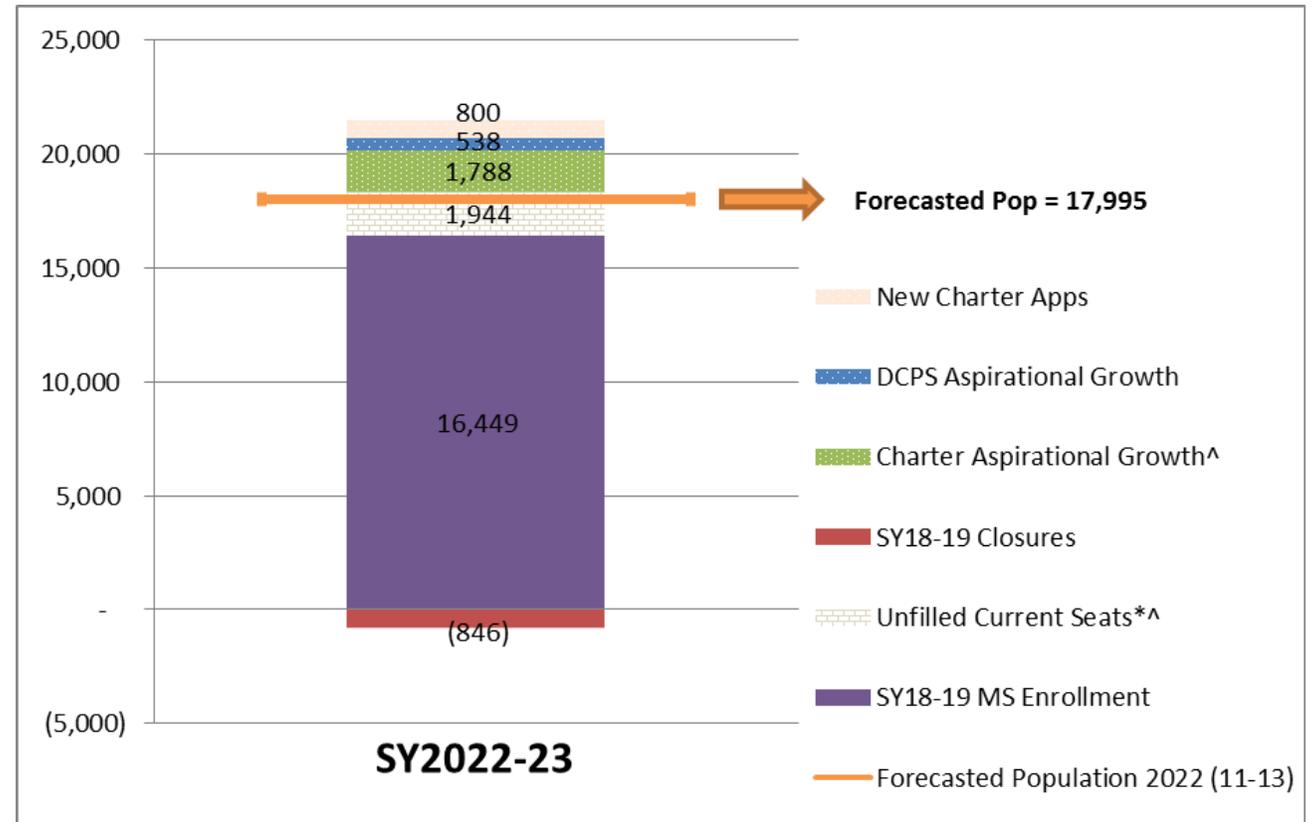
Middle School Population Increasing Until After 2020

- Ages 11-13 is estimated to modestly gain between 2015 and 2020.
- Larger increases expected after 2020.



MS Enrollment + Aspiration Growth Surpasses Forecasted Population

- Total MS enrollment including aspirational MS growth = 21,519 students
 - 16,449 MS students enrolled in SY18-19⁺, taking into account upcoming closures
 - Unfilled current MS seats = 1,944
 - Facility capacities⁺ of schools housing middle school students (20,785 seats) minus the following: SY18-19 MS enrollment (16,449 students); charters expected to complete MS grades in current bldgs (2,392 students)
 - Existing charter aspirational growth potentially needing new buildings = 1,788 MS students[^]
 - Increasing enrollment in current or new buildings, 429 students
 - Replicating additional locations, 1,359 students
 - Existing DCPS aspirational growth requiring new buildings = 538 MS students
 - New middle school charter application enrollment ceilings = 800 students
- Forecasted middle school pop (11-13 year olds) in 2022 = 17,995 children



⁺This includes enrollment of grades 6-8 grades irrespective of grade configuration of school or whether the facilities are stand-alone or shared.

* Facility capacities are calculated from stand-alone SY17-18 middle school capacities as well as middle school grade capacity (estimated by 6th-8th grades) proportioned from education campuses.

[^] This aspirational growth from the 2018 MFP may require the DC PCSB to approve an increased enrollment ceiling and/or a new facility location.

Specialized Program Locations

Specialized Programming

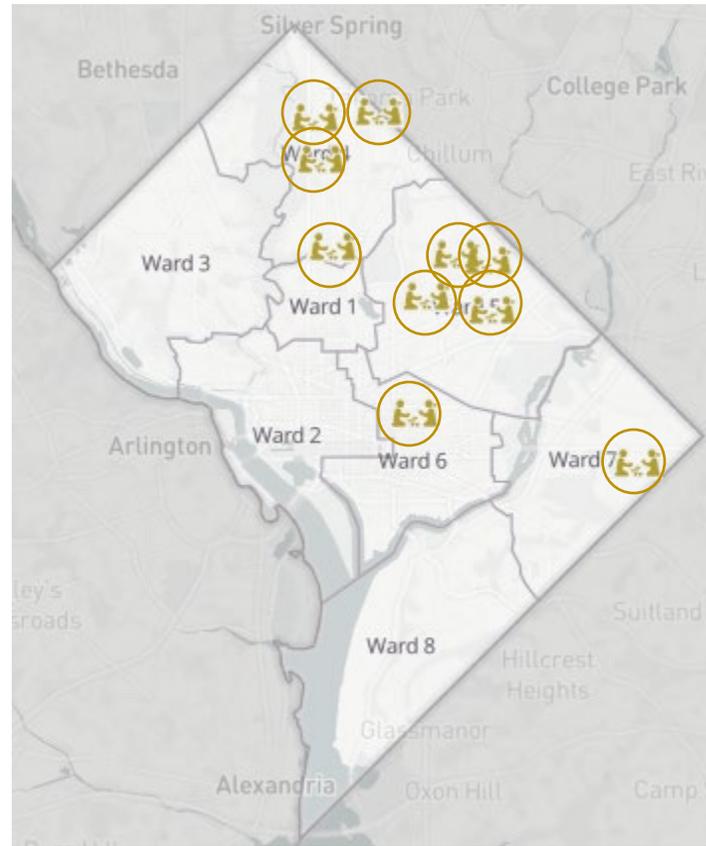
Out of the 11 public charter applications, four are offering the following specialized programming:

- Montessori middle/high,
- Dual language elementary school,
- Adult school plus early childhood, and
- All-girls International Baccalaureate high school

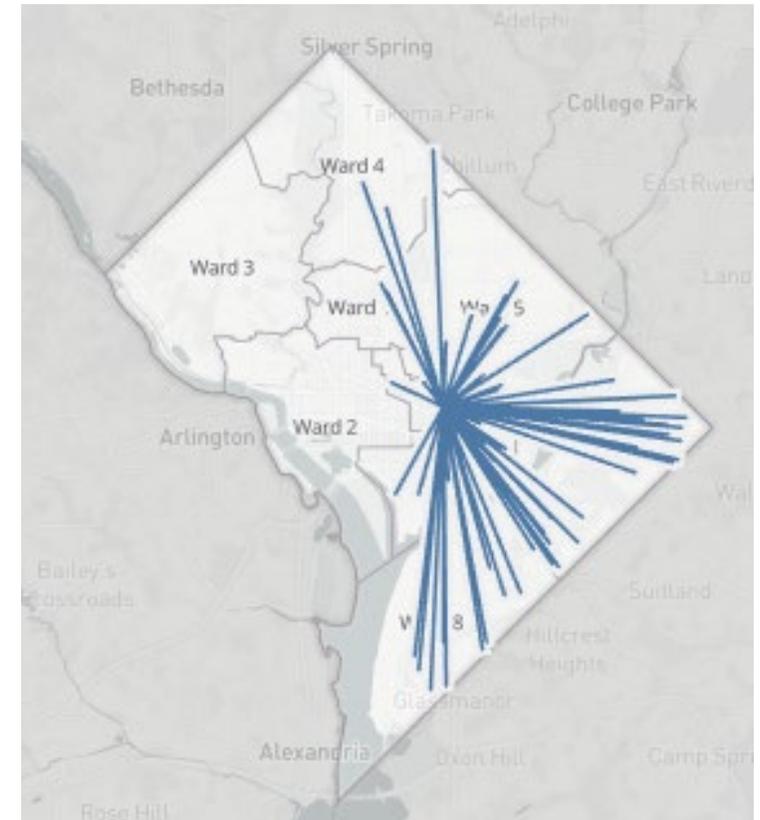
Montessori Demand

- In SY18-19, 10 schools offer Montessori programming, and one will be replicating and locating East of the River in SY19-20
 - Lee Montessori - East End opening PK3-PK4 and growing to 6th grade
- Of those 10 schools, only 1 offers middle school grades, Capitol Hill Montessori in Ward 6.
- The right-side maps shows where middle grade students from Capitol Hill Montessori live. They come from mostly Wards 7, 8, 5, and 6.

Montessori Programs, SY18-19



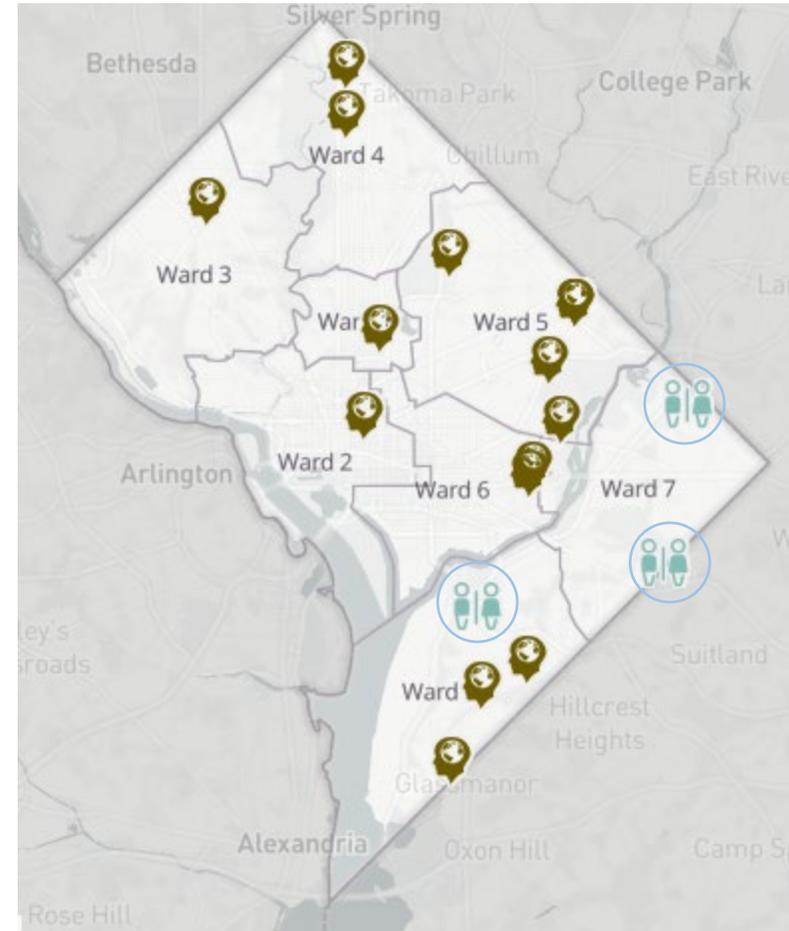
Where Capitol Hill Montessori 6th-8th Grade Students Live, SY18-19



Single Gender and International Baccalaureate Schools

- In SY18-19, 3 single gender schools operate in either Ward 7 or 8: one all-male high school, one all-male 4th grade school (growing to 4th-8th), and one all-female PK3-8th grade school.
- In SY18-19, 15 schools offer an International Baccalaureate program across the city: 5 elementary schools, 3 middle schools, 4 high schools, and 3 education campuses (one PK3-8, two 6th-12th).
- No all girls high school and no single-gender school with an International Baccalaureate focus currently exists.

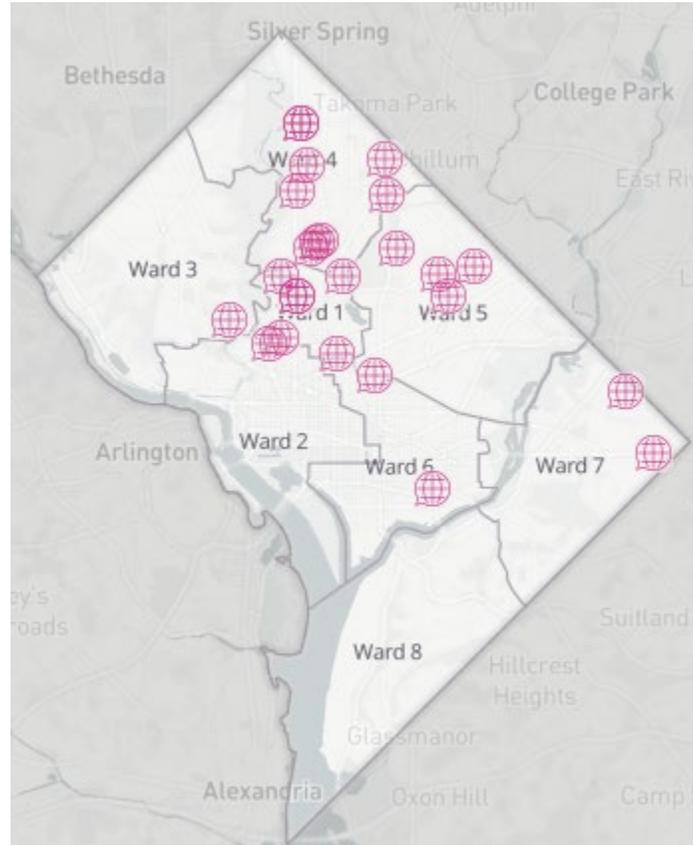
Single-Gender Schools and International Baccalaureate Programs, SY18-19



Specialized Programming for Elementary and Adult

- In SY18-19, 24 dual language or language immersion schools operate mainly in Wards 1, 4, and 5, although there are a few in Wards 6 and 7.
- In SY19-20, Mundo Verde will open in Ward 5 with PK3-KG growing to 5th grade
- No other Arabic language immersion school currently offered. Application targeted to Ward 6 where there is only one other dual language Spanish program currently - Tyler ES.
- Currently 1 Adult and early childhood LEA exists in 3 locations, in Wards 1 and 4.

Dual Language/Language Immersion Programs, SY18-19



Pre-K/Adult Combined Programs (Briya PCS), SY18-19

