



Public Education Supply and Demand for the District of Columbia

Elementary School Fact Sheet, SY2016-17

Date of Release: 10/6/17

This fact sheet describes the District’s public elementary schools and the students attending them during SY2016-17. This fact sheet includes information about schools that offered at least one grade in the PK3-5th grade span during SY2016-17, even if the school offered grades higher than 5th grade or did not offer all of the elementary grades. For instance, some schools offered PK3-2nd, PK3-8th, or 5th-8th. Information about the specific PK3-5th graders are included here while the information for grades younger or older is excluded, unless otherwise noted.

Information about the schools and their associated facilities is from the Office of the Deputy Mayor for Education (DME) in consultation with the DC Public Charter School Board (DC PCSB), DC Public Schools (DCPS), and the Department of General Services (DGS). The student information comes from the official audited enrollment file, an October 2016 snapshot of student enrollment, residency, and demographics from the Office of the State Superintendent of Education (OSSE), as analyzed by the DME.

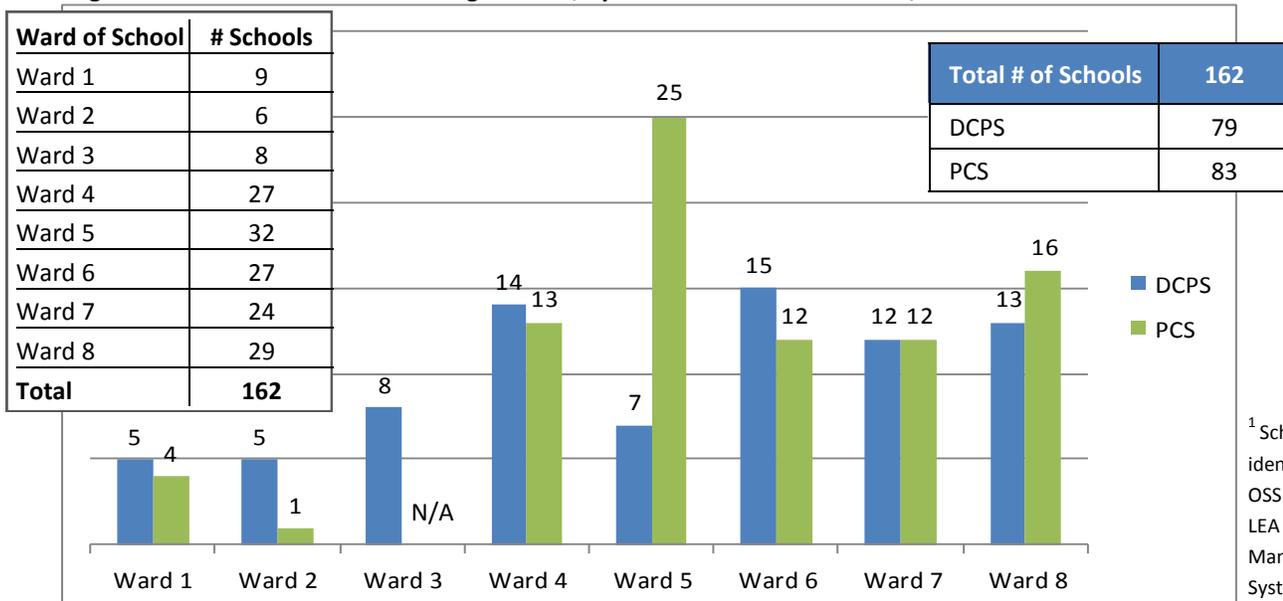
Availability of Schools: Location and Number of Schools Offering Grades PK3-5th

This section describes the number of Local Education Agencies and the number of DCPS and public charter schools that offered at least one grade in the PK3-5th grade span by ward of school and sector in SY2016-17.

In SY2016-17, there were 66 Local Education Agencies (LEA) that had schools offering elementary, middle, high, adult, alternative, or special education grades. LEAs are typically thought of as school districts. DCPS is one LEA and the public charter sector had 65 LEAs. Of these 66 LEAs, 43 LEAs had a school that offered at least one grade in the PK3-5th grade span.

There were 162 public schools serving at least one grade from PK3-5th located across the eight wards of the District of Columbia as of SY2016-17.¹ One school may have multiple buildings and the ward location is attributed to the main building identified by the LEA. Figure 1 shows the number of schools in each ward by sector (some schools may have only offered one grade in the elementary grade span, i.e., grade 5). Ward 5 had the greatest number of schools (32), driven by the largest number of public charter schools (25) compared to other wards. Ward 8 had the next highest at 29 schools. Ward 3 is unique in that no public charter schools were located there. Appendix 1 lists each of the schools with their ward, grade span, total enrollment for the entire school, total enrollment for only grades PK3-5th, and whether the school had additional campuses.

Figure 1: Location of Schools Offering PK3-5th, by Ward of School and Sector, SY16-17



¹ Schools are identified by OSSE’s School and LEA Information Management Systems (SLIMS).

Note: Bancroft ES/Briya PCS (co-located) and Marie Reed are assigned to Ward 4 where they are temporarily located during modernization; their permanent locations are in Ward 1.

Supply of Schools: Grade Configuration and Enrollment of Schools Offering Grades PK3-5th

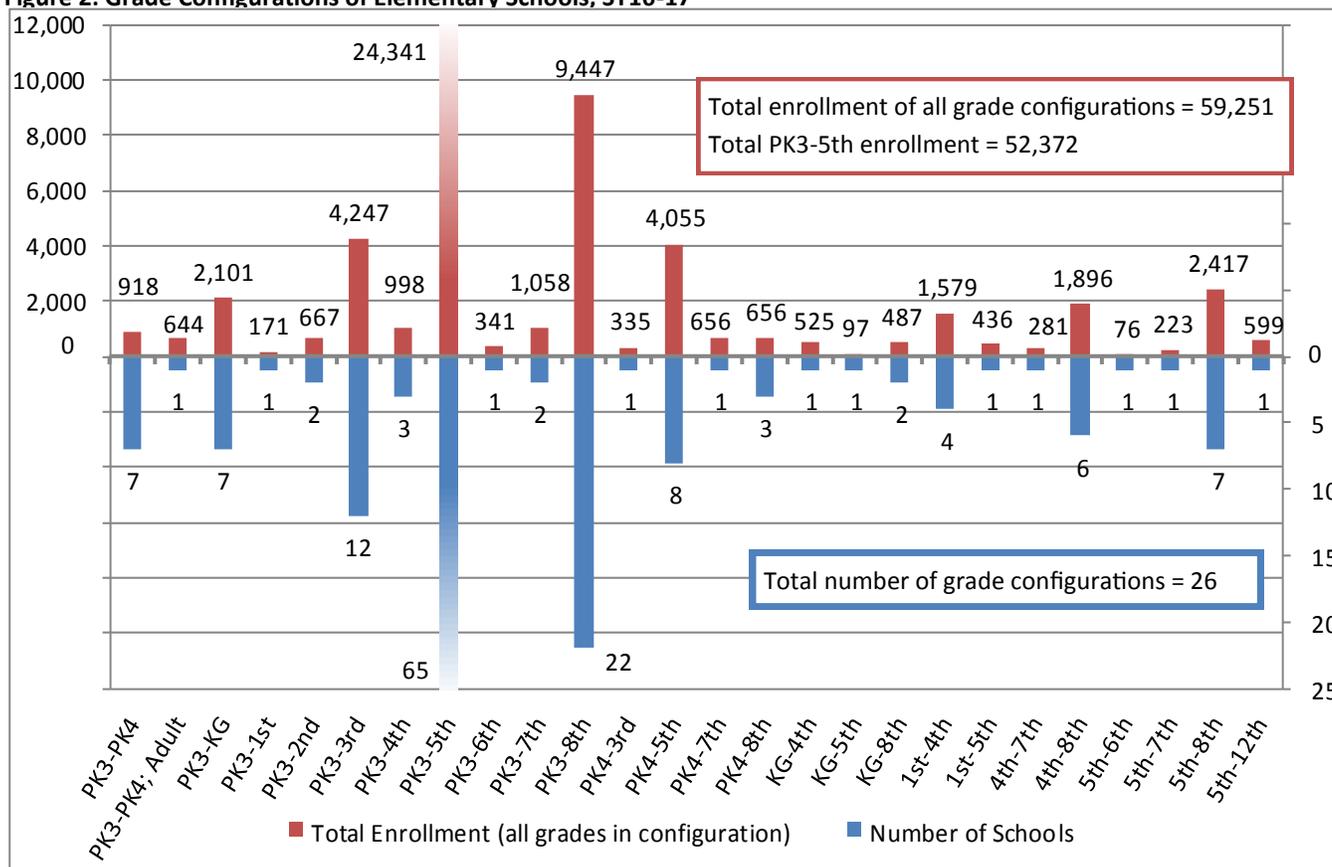
This section describes the grade configuration of schools that offered at least one grade in the PK3-5th grade span, the number of schools that offered that grade configuration, and the total enrollment of all grades offered at the schools.

There is no standardized elementary school grade configuration in the District of Columbia. In SY2016-17, there were 26 different school configurations offering at least one grade in the elementary grade span. DCPS typically offers elementary schools with either PK3-5th or PK4-5th, or combines elementary and middle schools together into education campuses with grades PK3-8th.

Public charter schools offer a wider variety of grade configurations. In some cases, this variety reflects that the public charter school has not reached its maximum intended grade. Public charter schools often add a grade each year in order to reach their full grade span, as described in their charter authorized by DC PCSB.

As can be seen in Figure 2, PK3-5th is the most commonly offered grade configuration, with 65 elementary schools and a total enrollment of 24,341 students. However, some elementary schools also offered grades above PK3-5th, resulting in many small schools that were the only school to offer that grade configuration. See Appendix 1 for the individual schools and their specific grade configurations.

Figure 2: Grade Configurations of Elementary Schools, SY16-17



Note: Enrollment and number of schools for the PK3-5th grade configuration extend beyond the graph axes; reference the data labels for exact values.

Supply of Schools: Location and Enrollment of Schools Offering Grades PK3-5th

This section describes the elementary grade-specific enrollment of schools that offered at least one grade in the PK3-5th grade span by ward of school and by sector (DCPS and public charter schools).

There were 52,372 students² in grades PK3-5th enrolled in 162 schools as of SY2016-17. Of those elementary students, 56% were enrolled in DCPS and 44% were enrolled in public charter schools. Figure 3 shows the total enrollment for just grades PK3-5th by ward of the school where the student was enrolled as of SY2016-17 (enrollment for higher grades offered at the schools was excluded). Students may live in a ward other than the school’s ward. Ward 8 had the greatest number of PK3-5th grade students enrolled at its public schools (10,984) and had the second highest number of schools (29, see Figure 1). Wards 4 and 5 had the next highest elementary enrollment of 9,138 and 9,350, respectively.

Looking at Figure 4, enrollment at DCPS schools was greater than enrollment in public charters in every ward but Ward 5 and Ward 8. Appendix 1 lists all of the schools with their ward, grade span, total enrollment for the entire school, total enrollment for only grades PK3-5th, and whether the school had additional campuses.

Figure 3: Enrollment of Schools Offering PK3-5th, by Ward of School, SY16-17

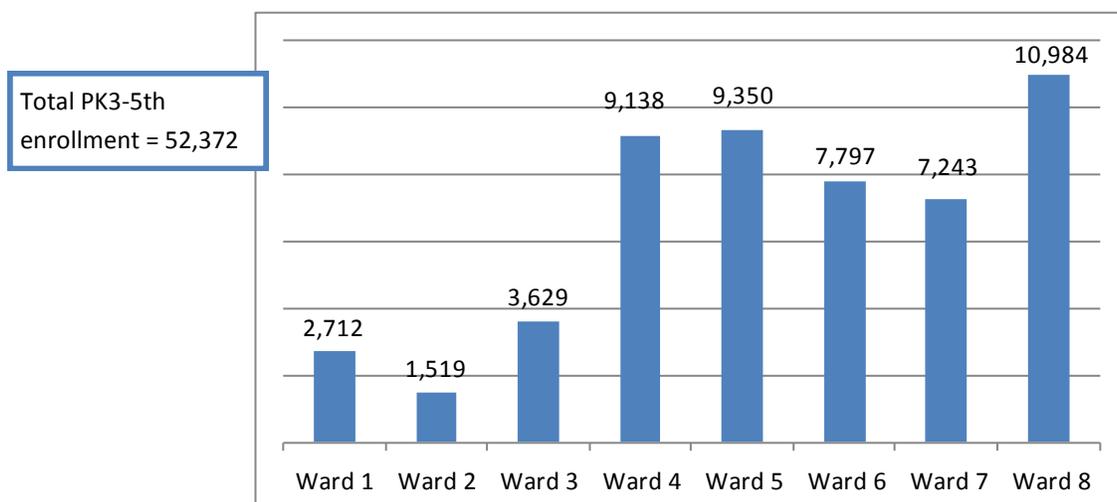
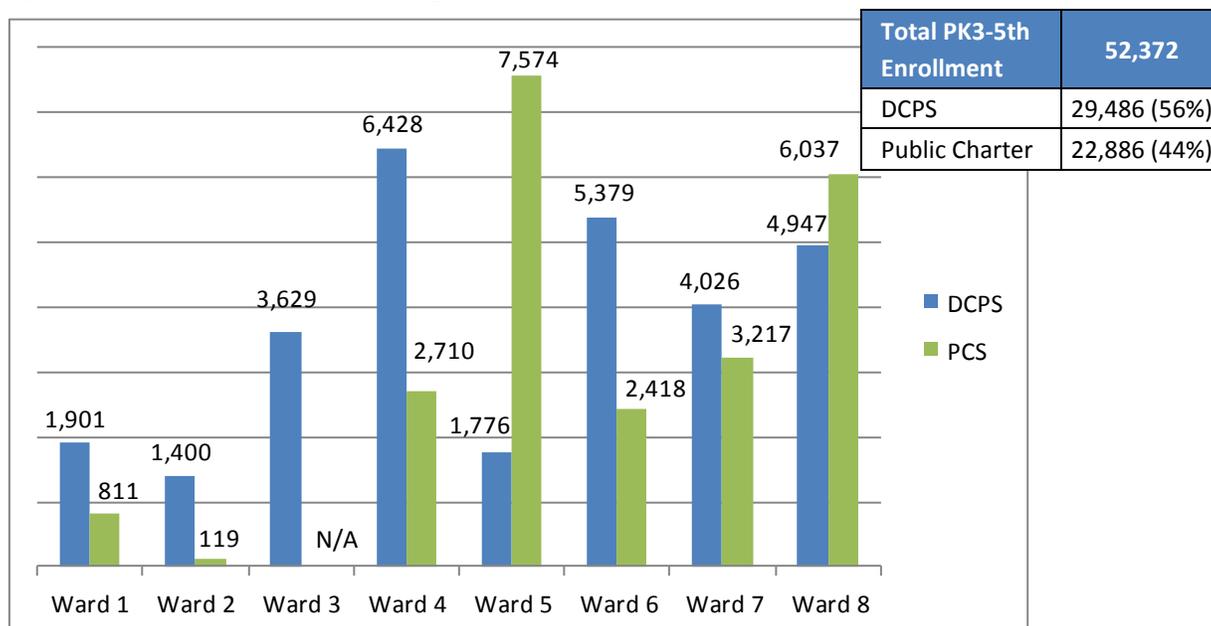


Figure 4: Enrollment of Schools Offering PK3-5th, by Ward of School and Sector, SY16-17



² School enrollment includes enrollment for only grades PK3-5th and excludes older grades that may be offered at the school.

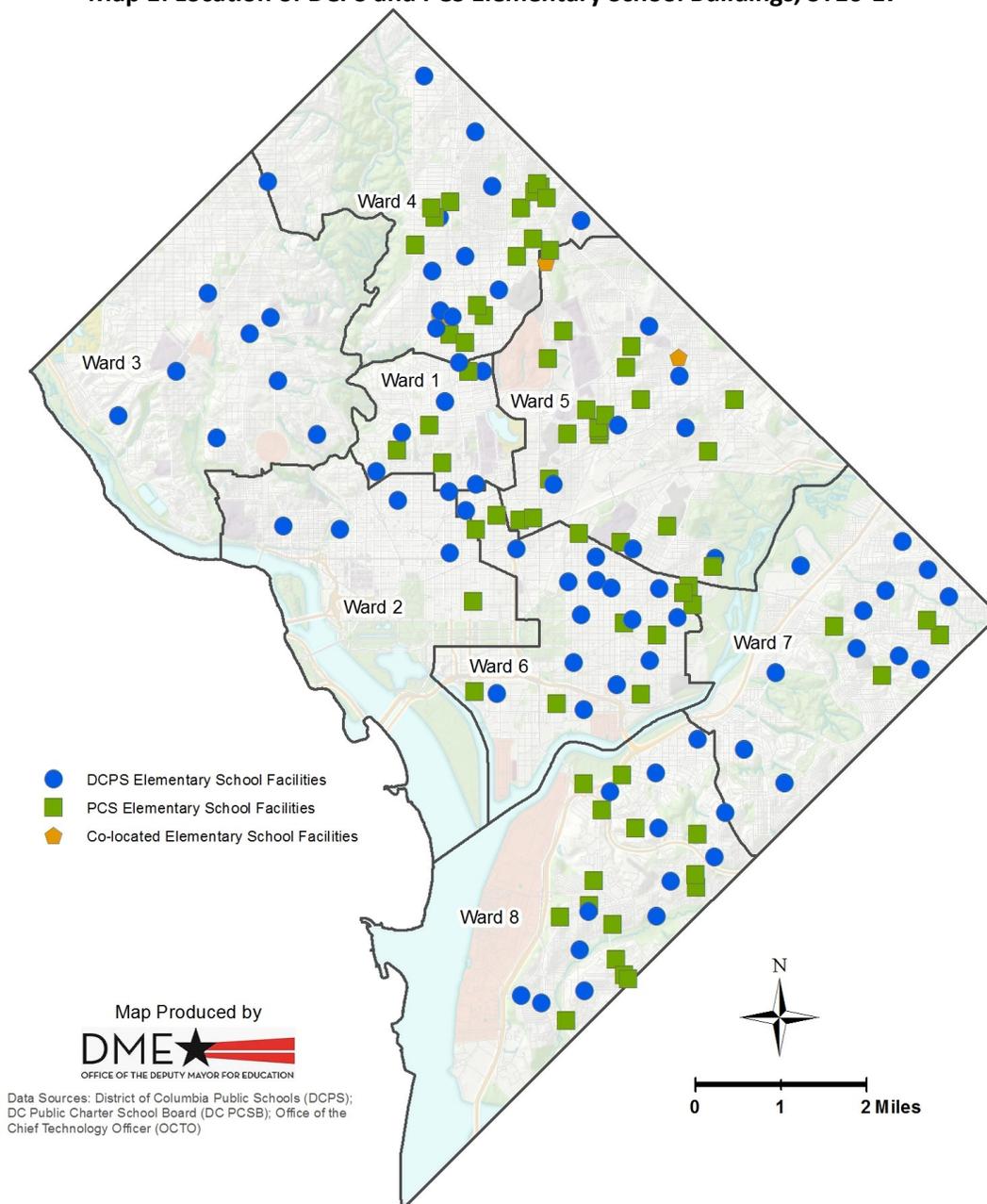
Note: No public charter schools were located in Ward 3. Bancroft ES/Briya PCS (co-located) and Marie Reed are assigned to Ward 4 where they are temporarily located during modernization; their permanent locations are in Ward 1.

Supply of Buildings: Location of School Buildings Serving Grades PK3-5th

This section shows the location of school buildings that offered at least one grade in the PK3-5th grade span by ward of the school building in SY2016-17. A list of school buildings is provided at the end of the fact sheet.

Map 1 displays the 151 public school *buildings* that offered at least one grade in the PK3-5th grade span in SY2016-17. A school may be located in multiple school buildings; alternatively, a building may house multiple schools in the same LEA or from different LEAs (referred to as a co-location). For example, Early Childhood Academy PCS was housed in two school buildings; Bancroft Elementary School and Briya PCS co-located in one building. Only co-locations of schools that served elementary school grades are shown in Map 1 (some elementary schools may have shared their building with an older grade-span school but they are not shown here as a co-location). Co-locations for schools of all grades are shown in the Citywide Fact Sheet. The school building list, provided at the end of this fact sheet, lists the schools that offered grades PK3-5th with their associated buildings in SY2016-17. Appendices 4 and 5 also display the buildings with their addresses and grade spans. In addition, see the DME website for an [interactive map](#) that allows users to identify specific schools and schools that offer specific grades.

Map 1: Location of DCPS and PCS Elementary School Buildings, SY16-17



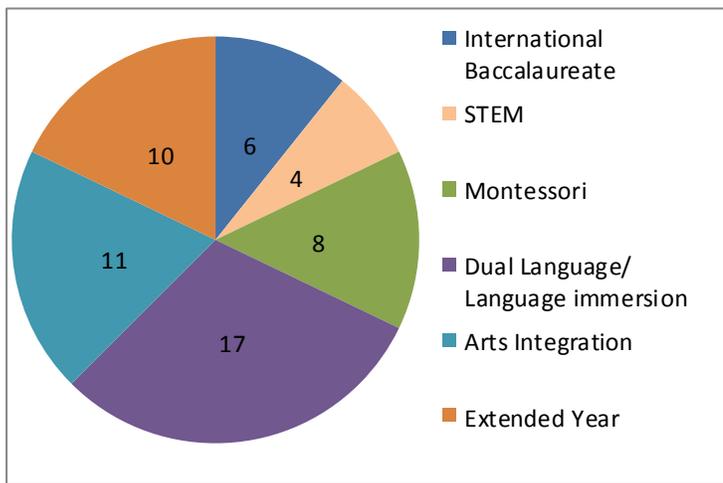
Note: Bancroft ES/Briya PCS (co-located) , Marie Reed ES, Murch ES, and Watkins ES were in temporary locations for SY16-17 during modernization.

Supply of Programs: Academic Programs in Schools Serving Grades PK3-5th

This section describes the types of school programs that were offered in elementary schools and their distribution across the city by sector.

According to DCPS and DC PCSB, out of the 162 schools that offered PK3-5th grade, 45 schools (28%) offered the following specialized programs: International Baccalaureate; Science, Technology, Engineering, and Math (STEM); Montessori; Dual Language/Language Immersion; Arts Integration; and Extended School Year. Programs may vary in nature from school to school and schools may offer other programs not included here. The DME does not identify program type; information about the programs is from DCPS and DC PCSB. See Appendix 2 for an exact listing of schools and programs, as well as program definitions.

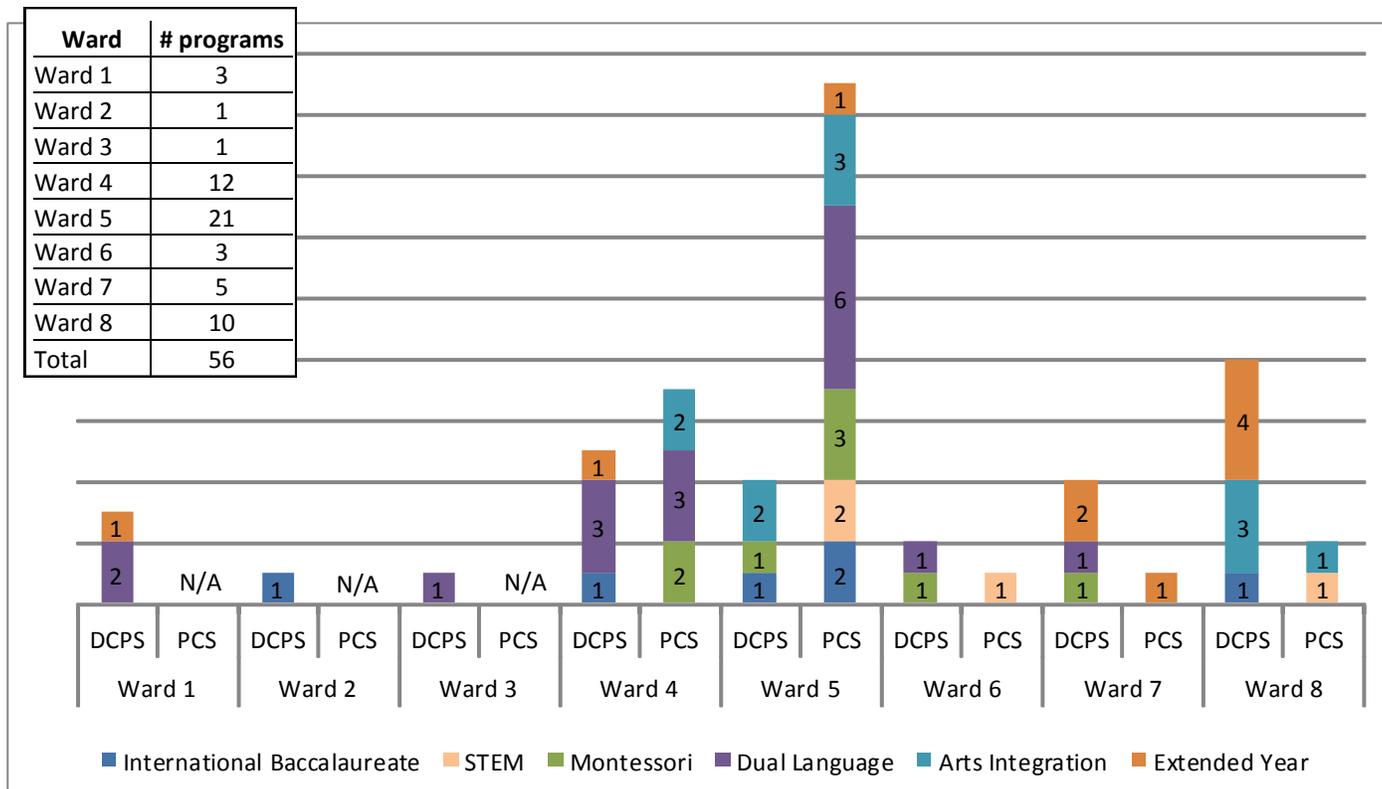
Figure 5: Number of Specialized Programs in Elementary Schools, SY16-17



In all, 45 schools offered 56 specialized programs (two schools offered three programs each, one school offered two programs, and two schools offered two programs at each of their two campuses). Dual Language/Language Immersion was the most frequently offered (17 programs at 15 schools), see Figure 5.

Figure 6 shows the number of programs offered by ward of the school and sector (DCPS or public charter). Overall, Ward 5 public charter schools offered the most programs; Ward 5 also had the greatest number of public charter schools in the city (see Figure 1). Ward 5 public charter schools had the greatest number of dual language programs (6 programs).

Figure 6: Number of Specialized Programs in Elementary Schools, by Ward of School and Sector, SY16-17

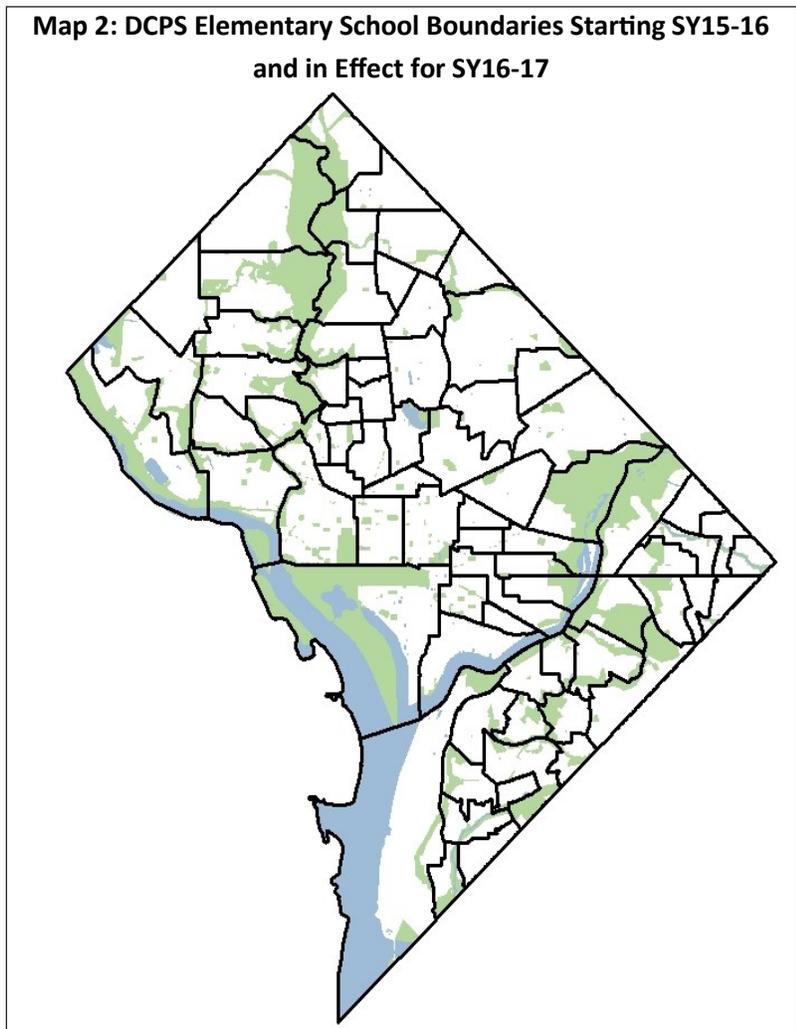


Note: No public charter schools were located in Ward 3.

This section describes the attendance zones associated with DCPS schools of right, as well as the recent revision of the attendance zones.

Most DCPS elementary schools³ and all DCPS education campuses (offering PK-8th grade) are schools of right, meaning that students who live within the school’s attendance zone are guaranteed enrollment at any time during the school year.⁴ As described later in the fact sheet, 31% of all PK3-5th grade students attended their DCPS boundary school in SY2016-17.

In 2014, the DME and DCPS led a comprehensive review process of the DCPS school boundaries and the city’s student assignment policies, which resulted in the adoption of the revised school boundaries displayed below in Map 2. The purpose of the revision was to address previously closed schools (e.g. Marshall ES) as well as to ensure that there are a sufficient and evenly distributed number of students living within each of the boundaries. Map 2 shows the DCPS elementary and education campus school boundaries that were implemented, along with extensive phase-in policies, starting in SY2015-16 and that were in effect for SY2016-17. For more information about the student assignment and boundary review process, as well as the phase-in policies, see [DCPS Boundaries Final implementation Plan](#) website. For more information about specific addresses and their corresponding DCPS boundaries, see the [Enrollment Boundary Information System](#) (EBIS).



³ Capitol Hill Montessori, Dorothy Height, and School Within a School at Goding are citywide DCPS elementary schools, meaning that they are open to students who live anywhere in DC and students need to apply through the common lottery in order to attend. They are not schools of right and do not have a boundary.

⁴ PK3 and PK4 students are not required to attend school until age 5; therefore, PK3 and PK4 students get an in-boundary preference to their neighborhood DCPS school in the common lottery, not a right to their neighborhood DCPS school. For more information about this process see the [My School DC lottery](#).

Supply of School-Age Children: Demographics of PK3-5th Grade Students

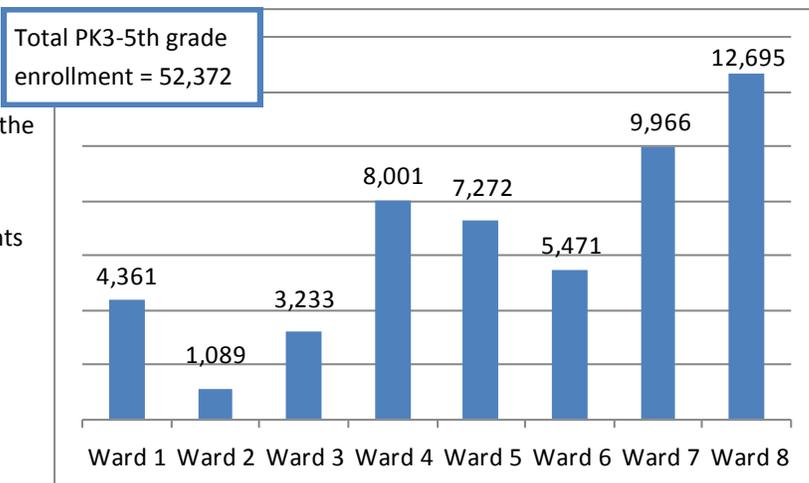
This section describes where PK3-5th grade students lived and their demographics. This includes their race/ethnicity, special education status, English Learner status, and at risk of academic failure status.

As of SY2016-17, there were 52,372 public school students enrolled in grades PK3-5th in DCPS and public charter schools. Figure 7 shows the number and distribution of where PK3-5th grade public school students lived (ward of residence) in SY2016-17 according to the audited enrollment. Ward 8 had the greatest number of PK3-5th grade students (12,695 students). Ward 7 had the next greatest number of students (9,966) while Ward 2 had the fewest students (1,089).

The majority of the PK3-5th students in SY2016-17 were African American (67%) followed by Hispanic (16%) and white students (13%) (Figure 8).

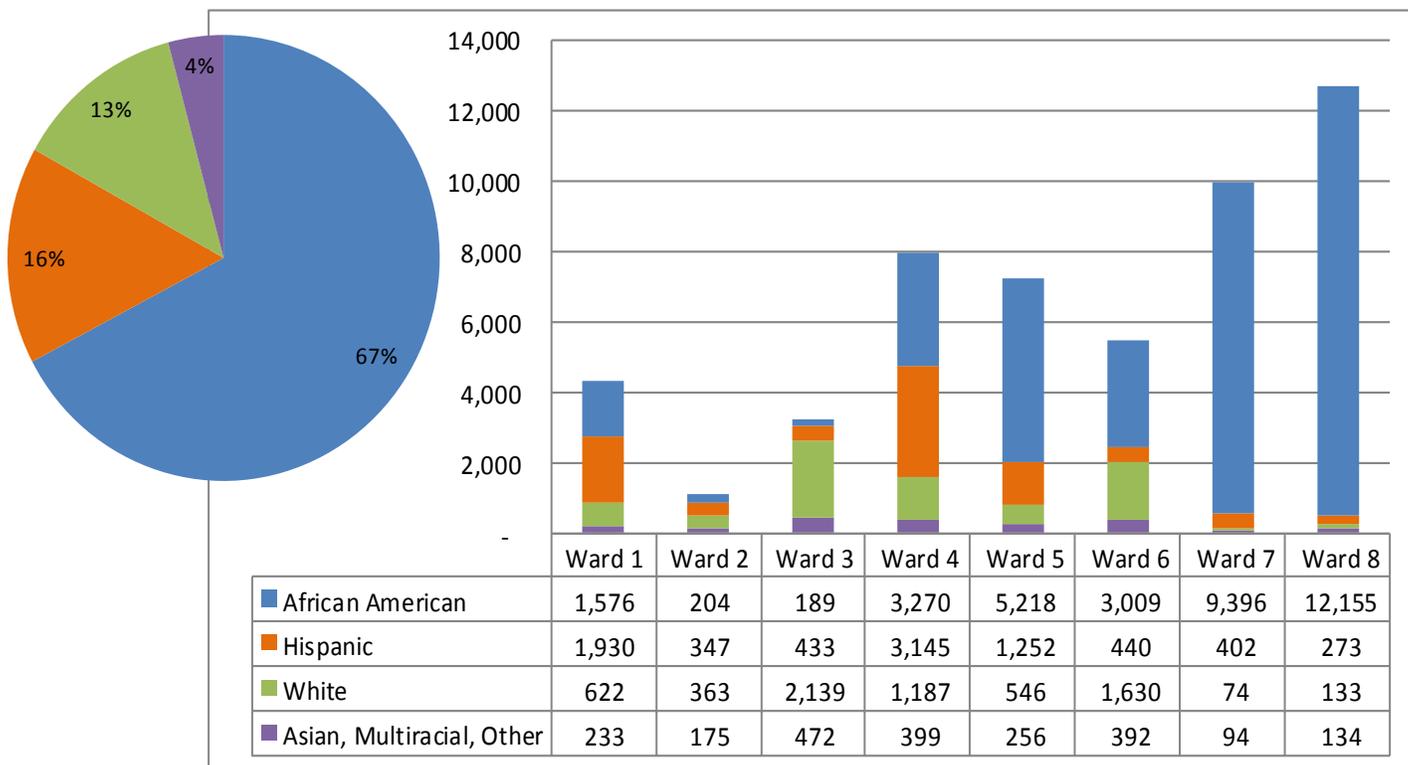
Figure 8 also shows the racial/ethnic background of students in SY2016-17 by ward of residence. Almost all of the students in Wards 7 and 8 were African American, while Ward 4 had the largest number of Hispanic elementary students (3,145) and Ward 3 has the greatest number of white elementary students (2,139).

Figure 7: Number of PK3-5th Grade Public School Students, by Ward of Residence, SY16-17



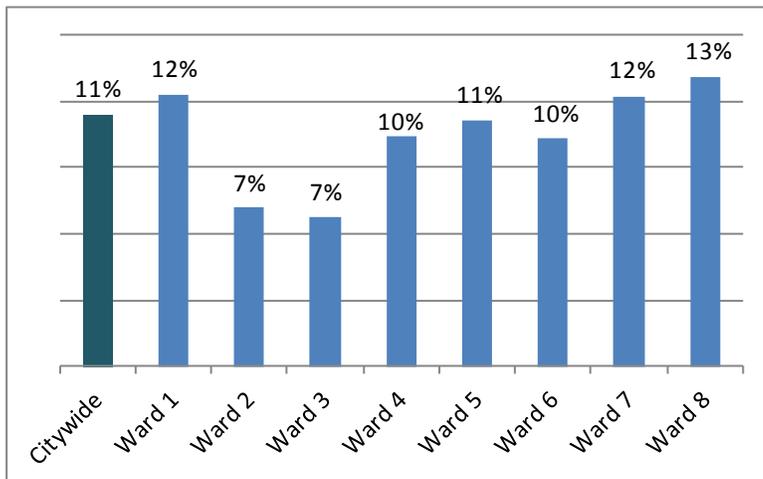
Note: Excludes 284 students whose addresses could not be geocoded/whose ward could not be assigned.

Figure 8: Share and Number of PK3-5th Grade Public School Students by Race/Ethnicity, by Ward of Residence, SY16-17



Note: Excludes 284 students whose addresses could not be geocoded/whose ward could not be assigned.

Figure 9: Share of PK3-5th Grade Public School Students with Special Education Needs, by Ward of Residence, SY16-17



Out of all PK3-5th grade students, 11% had specialized education needs (Figure 9). Special education is education designed to meet the needs of students with disabilities. Governed by the federal Individuals with Disabilities Education Act (IDEA), special education programs typically provide students up to age 22 with additional supports and accommodations that allow them to access a specific curriculum. Elementary students in Ward 8 had slightly higher special education needs at 13% compared to elementary students living in other wards in the city.

English Learners (EL) are students who need additional academic support in order to fully participate in a general education program. Schools typically identify these students and adjust their instruction and monitor the students. An EL student is someone, ages 3 through 21, who is not yet fluent in English, and who understands or speaks another language or has a family background where a language other than English is spoken in the home. Figure 10 shows that 11% of the elementary student population were EL; Wards 1, 2, and 4 had the highest shares of EL students at 31%, 26%, and 29%, respectively.

Figure 10: Share of PK3-5th Grade Public School Students with English Learner Status, by Ward of Residence, SY16-17

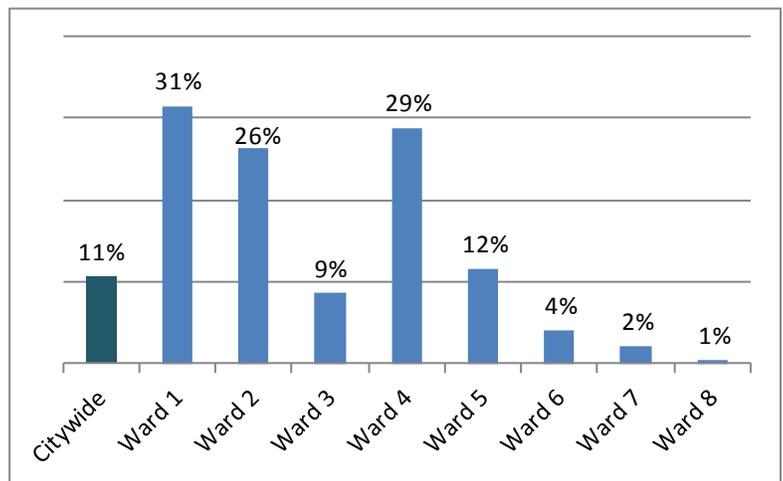
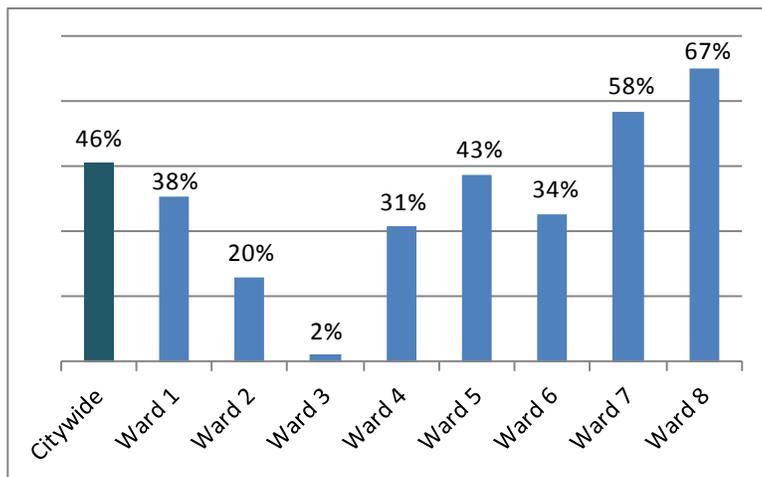


Figure 11: Share of PK3-5th Grade Public School Students with At Risk of Academic Failure Status, by Ward of Residence, SY16-17



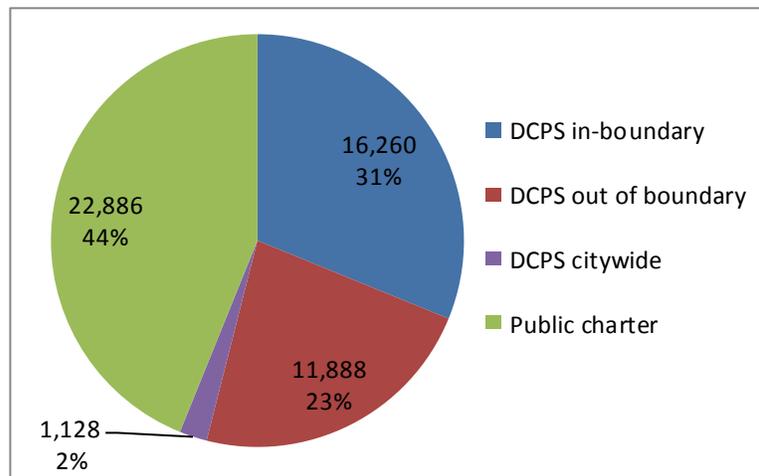
“At risk of academic failure” is a local District definition that identifies vulnerable students, such as students who are homeless, in foster care, qualify for federal food stamps and welfare, or are overage for high school (defined as one year older, or more, than the expected age for the grade). This identification is used to ensure that schools receive additional local funds to serve these students. Citywide, 46% of all elementary students were identified as at risk, with the highest percentage of students living in Wards 7 and 8 at 58% and 67%, respectively.

Demand: Where PK3-5th Grade Students Attend School

This section describes enrollment in more detail; for instance, whether students were enrolled in-boundary or out of boundary at neighborhood DCPS schools, at citywide DCPS schools (where there is no boundary designation), or public charter schools.

The District has many enrollment options: students can either attend their neighborhood DCPS school (i.e., in-boundary school of right) or enter the common lottery to attend an out of boundary DCPS school, a citywide DCPS school (that is not a school of right), or a public charter school. Figure 12 shows the number and share of PK3-5th grade students that attended each of these types of schools in SY2016-17. Nearly half of PK3-5th grade students attended a public charter school (44%), followed by almost one-third of PK3-5th grade students who attended their in-boundary DCPS school (31%) and one-quarter of students who attended an out of boundary DCPS school (23%). Only two percent of PK3-5th grade students attended a citywide DCPS school.

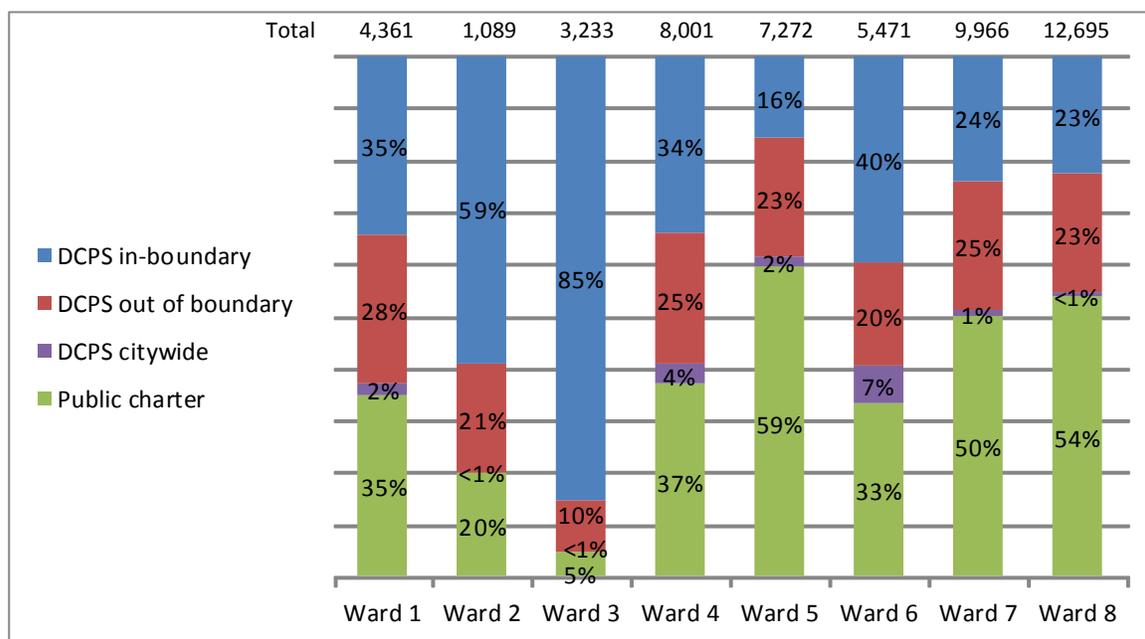
Figure 12: Number and Share of PK3-5th Grade Students Enrollment, SY16-17



Note: Excludes 210 DCPS students whose boundary could not be geocoded/whose ward could not be assigned.

Figure 13 shows the share of PK3-5th grade students that attended their in-boundary DCPS school, an out of boundary DCPS school, or a public charter school by the student's ward of residence. For instance, 85% of students living in Ward 3 attended their in-boundary DCPS school, while only 16% of students in Ward 5 did the same.

Figure 13: Share of PK3-5th Grade Students, by Ward of Residence and Sector, SY16-17



Note: Excludes 284 students (DCPS and public charter) whose boundary could not be geocoded/whose ward could not be assigned.

Demand: Where PK3-5th Grade Students Attend School, continued

This section describes the share of students who attended school in the same ward as where they live, for all elementary grade students, as well as for DCPS and public charter elementary students separately.

Due to the city’s flexible enrollment policies, students may choose to attend school near or far from their home. Figure 14 shows the share of PK3-5th grade students who attended school in the same ward as where they lived, as of SY2016-17. On average, 63% of all PK3-5th grade students attended school in their own ward. Ward 3 PK3-5th grade students were the most likely to go to school in their ward: of all Ward 3 PK3-5th grade students, 88% enrolled in a school located in Ward 3.

Figure 14: Share of PK3-5th Grade Students Who Live and Attend Public School in the Same Ward, by Ward of Residence, SY16-17

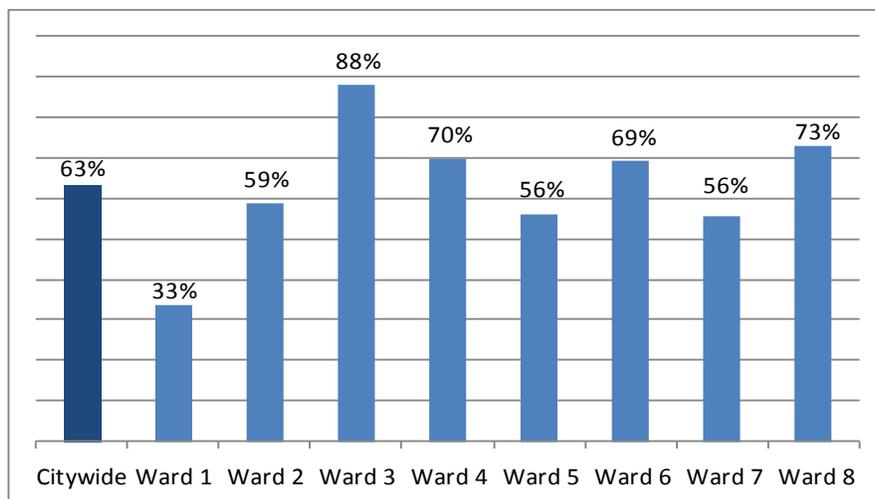
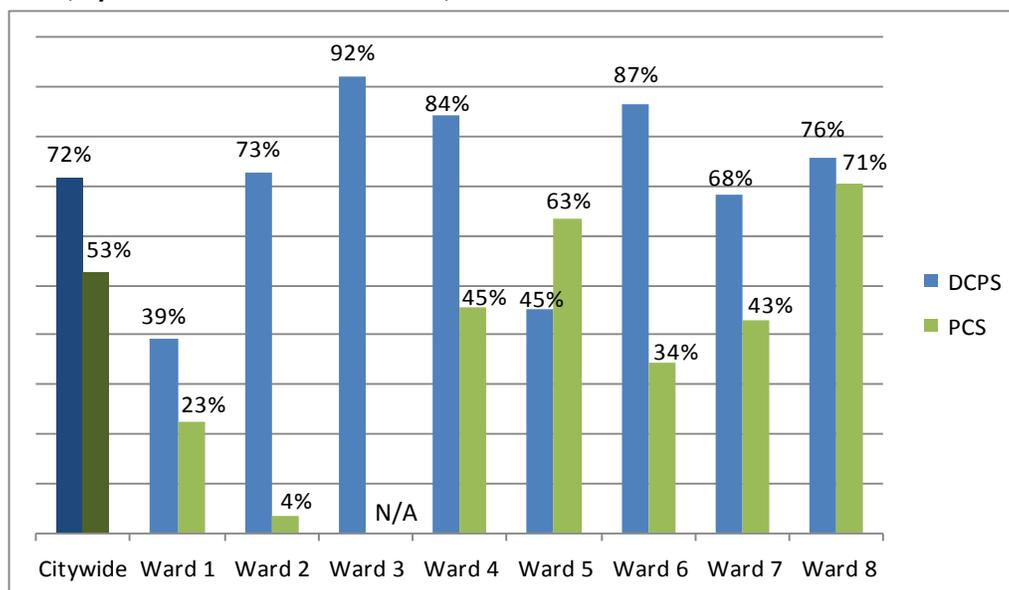


Figure 15 shows the share of students who lived in the same ward as where they were enrolled in school by sector (DCPS and public charter school students). For most wards, DCPS students were more likely to attend school in their ward than public charter school students. The one exception is Ward 5, where 63% of public charter school students lived and attended school in Ward 5 while 45% of DCPS students from Ward 5 did the same. Because there were no public charter schools located in Ward 3, all students living in Ward 3 and attending a public charter school attended school in a ward outside of where they lived.

Figure 15: Share of PK3-5th Grade Students Who Live and Attend Public School in the Same Ward, by Ward of Residence and Sector, SY16-17



Note: No public charter schools were located in Ward 3. Bancroft ES/Briya PCS (co-located) and Marie Reed are assigned to Ward 4 where they are temporarily located during modernization; their permanent locations are in Ward 1. Murch ES and Watkins ES are in temporary locations during modernization in the same ward as their permanent location.

This section describes the median walking distance between elementary students’ homes and the school that they attended, by ward and by sector.

Figure 16 shows the median walking distance (in miles) along streets and major pathways between a student’s home and where they attended school in SY2016-17, as of the audited enrollment. The median distance for all PK3-5th grade students was exactly 1 mile. Elementary students living in Ward 7 had the furthest median walking distance at 1.6 miles.

Figure 16: Median Walking Distance between PK3-5th Grade Students’ Home and School, by Ward of Residence, SY16-17

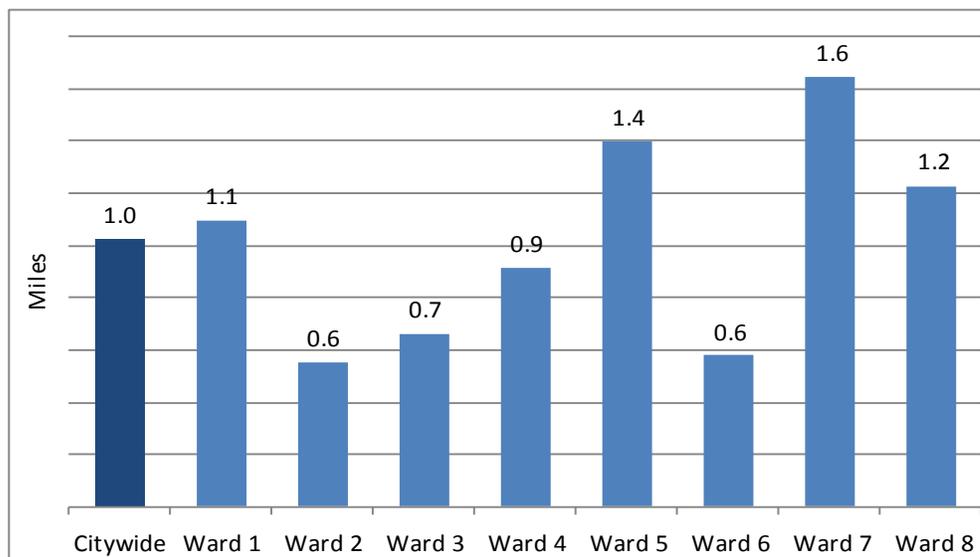
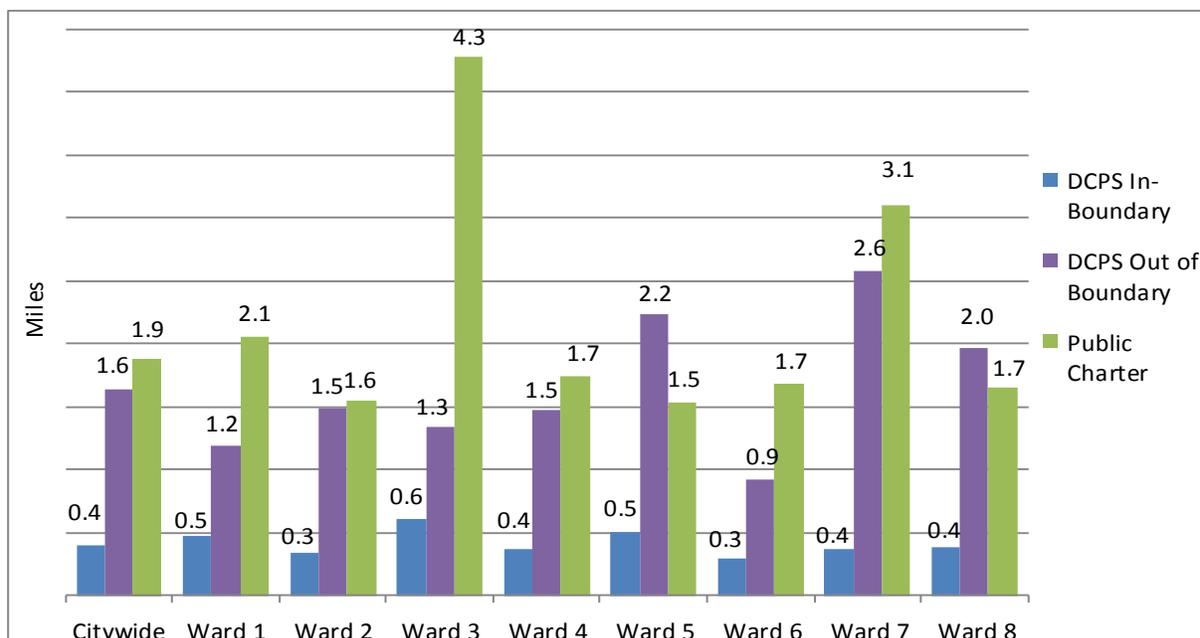


Figure 17 shows the same walking distances, disaggregated by sector as well as by ward. Ward 3 students who attended public charter elementary schools traveled the furthest—over 4 miles to their school. This long distance reflects that there were no public charter schools located in Ward 3.

Figure 17: Median Walking Distance between PK3-5th Grade Students’ Home and School, by Ward of Residence and Sector, SY16-17



Notes: No public charter schools were located in Ward 3. Bancroft ES/Briya PCS (co-located) and Marie Reed are assigned to Ward 4 where they are temporarily located during modernization; their permanent locations are in Ward 1. Murch ES and Watkins ES are also in temporary locations during modernization in the same ward as their permanent location.

Private School Students

This section describes the share of school-age children enrolled in private school in the District.

Not all of the elementary-aged students living in the District attend public school. Figures 18 and 19 show the estimated share of private school enrollment by ward according to the American Community Survey, 5 Year Estimates (2011-2015) for 3 and 4 year olds (approximating PK3 and PK4) and the estimated share for 5 to 9 year olds (approximating kindergarten to 4th grade). Displaying the share of private school by these two age ranges is helpful because compulsory education does not start until age 5 for kindergarten in the District. Many elementary schools offer PK3 and/or PK4, but not all. Note that the denominator used to calculate these estimates does not include students not enrolled in school (children not enrolled in either public or private school).

Since the information comes from survey samples of the District from the US Census Bureau and are not administrative records from a city agency, the survey estimations include the average estimation plus the margin of error (the average is labeled in Figure 18 and the margin of error is the blue bar above and below). The margin of error is used to calculate the lower and upper confidence bounds (using a 90% probability) that the survey estimate contains the true value. The larger the margin of error, the wider the range of what the true value may be. For example, for the period between 2011-2015, you can be 90% confident that the true share of all 3 and 4 year olds that attended private school was between 21% and 26% and you can be 90% confident that the true share of all 5 to 9 year olds that did the same was between 14% and 17%. Elementary age students in Wards 2 and 3 were the most likely to attend private school in both age ranges compared to the other wards. See Appendix 3 for the margins of error.

Figure 18: Share of Private School Enrollment for 3 and 4 Year Olds, by Ward of Residence, 2011-2015

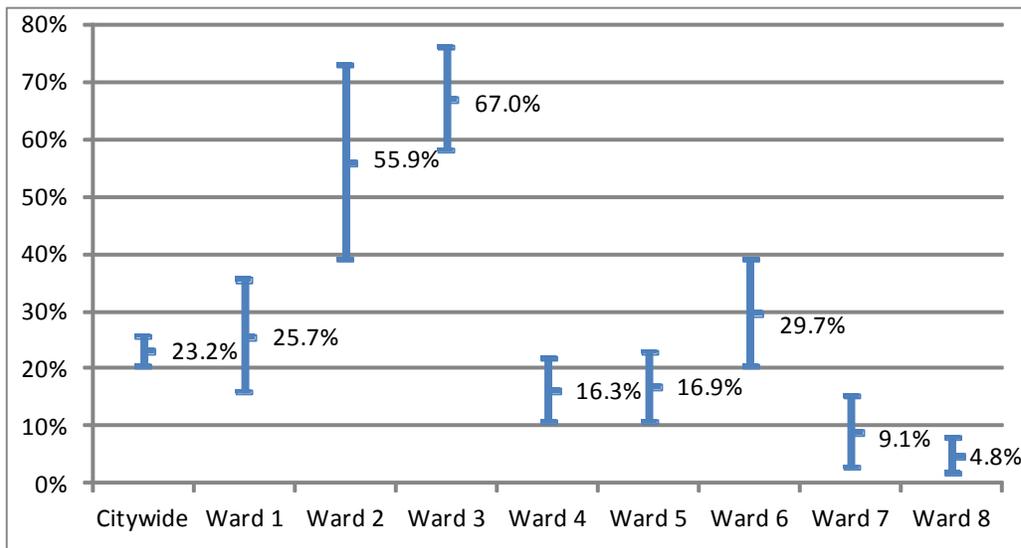
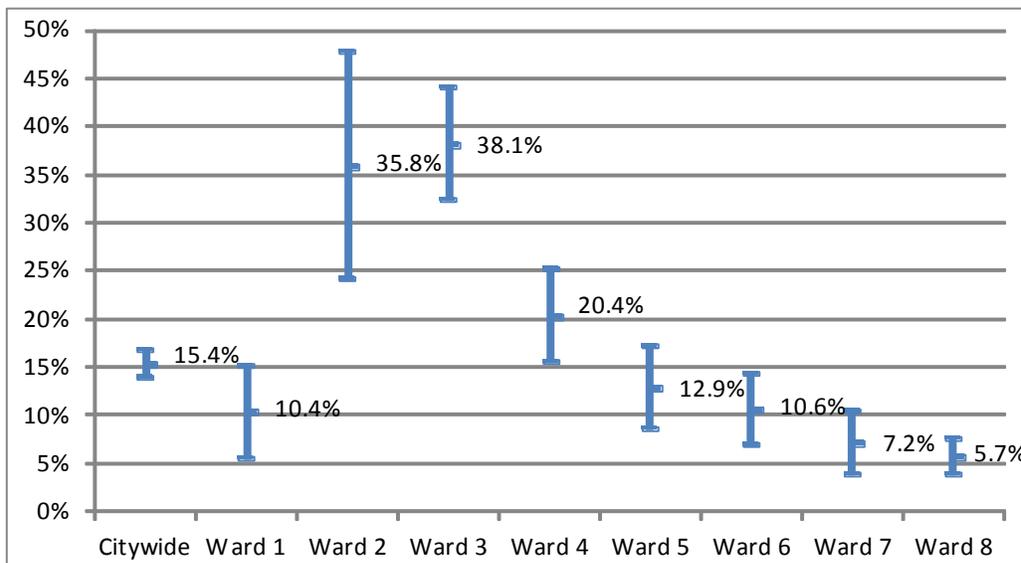


Figure 19: Share of Private School Enrollment for 5 to 9 Year Olds, by Ward of Residence, 2011-2015



Source: 2011-2015 American Community Survey 5-Year Estimates, Table S1401

Supply and Demand: Programmatic Capacity and Enrollment of PK3-5th Grade Schools

This section describes the programmatic capacities of DCPS and public charter school buildings serving PK3-5th grades.

Programmatic capacity reflects the maximum number of students that can be housed in each school building given the schools' current facility and existing educational programs, class size, and staffing. For DCPS, school-level programmatic capacity numbers are collected by both DGS and DCPS based upon the DCPS Educational Specification guidelines. The school-level programmatic capacity numbers were reviewed by DCPS to ensure alignment with each school's programmatic needs. DCPS's capacities include "portables", or temporary buildings, located near the school facility. Public charter programmatic capacities are collected for each public charter LEA via a facility survey administered by DC PCSB and developed in partnership with the DME for SY2016-17. For more information about facilities and more detailed information differentiating permanent and portable capacities, please see the [Master Facility Plan Annual Supplement](#). School-specific capacities are included in Appendices 4, 5, and 6.

The 162 schools serving PK3-5th grade in SY2016-17 had a programmatic building capacity of 68,825 students (see Table 1). This means that the buildings housing these schools had the capacity for 68,825 students, which could include grades higher than 5th grade. Total building enrollment (including grades higher than 5th) was 57,899. The DCPS programmatic capacity was 33,833 students (DCPS education campuses reflect the full building programmatic capacity). Similarly, public charter schools serving PK3-5th grades had a capacity of 34,992 students for all the grades offered in those buildings. Figure 20 shows programmatic capacity and enrollment of the school buildings by ward and sector. Wards 5 and 8 had the greatest capacities (15,498 and 13,675 seats, respectively). Ward 4 had the next largest programmatic capacity at 12,024 students. It should be noted that new schools may not have yet enrolled in their maximum grade as of SY16-17 and some programmatic capacities indicate capacities for growing schools.

Table 1: Programmatic Capacity and Enrollment for Buildings with Grades PK3-5th, by Sector, SY16-17

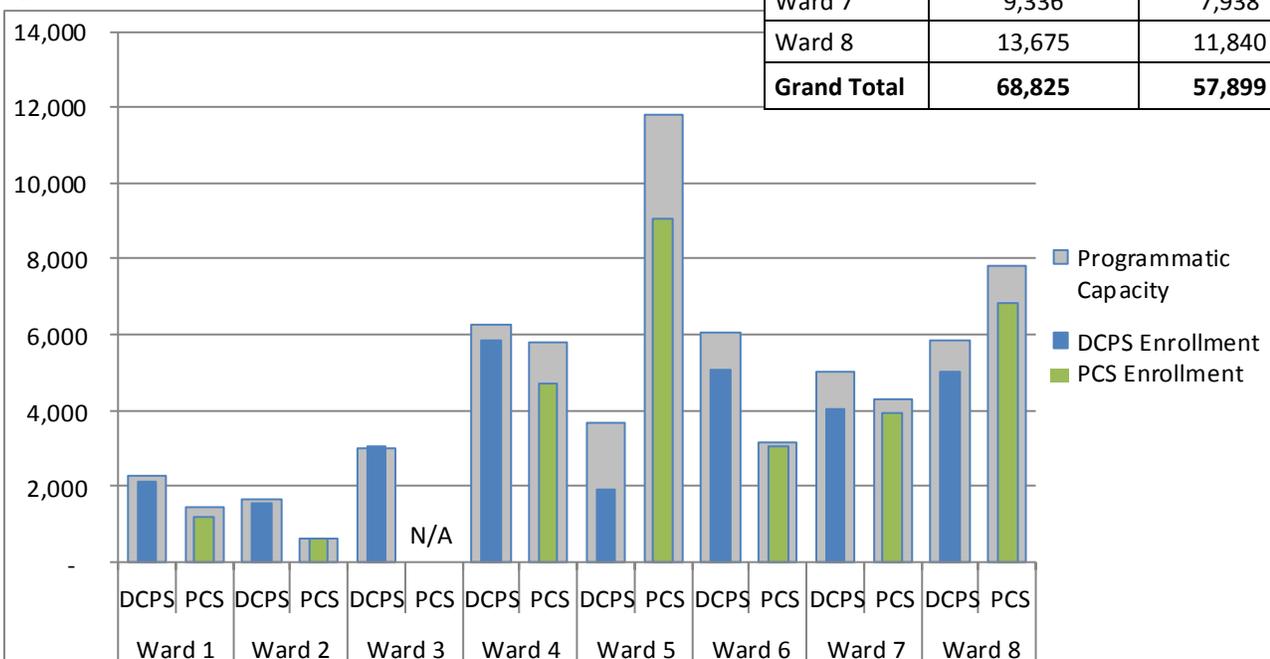
	Programmatic Capacity	Building Enrollment
DCPS	33,833	28,554
PCS	34,992	29,345
Total	68,825	57,899

Note: Capacities and enrollments for Murch, Bancroft, Marie Reed, Powell, and Watkins were excluded since the buildings are undergoing renovations.

Table 2: Programmatic Capacity and Enrollment for Buildings with Grades PK3-5th, by Ward, SY16-17

Ward	Programmatic Capacity	Building Enrollment
Ward 1	3,771	3,301
Ward 2	2,258	2,137
Ward 3	3,016	3,057
Ward 4	12,024	10,539
Ward 5	15,498	10,963
Ward 6	9,247	8,124
Ward 7	9,336	7,938
Ward 8	13,675	11,840
Grand Total	68,825	57,899

Figure 20: Programmatic Capacity for Buildings with Grades PK3-5th, by Ward of School and Sector, SY16-17



Notes: Programmatic capacities and enrollments are for the entire building, including grades higher than grade 5. No public charter schools were located in Ward 3.

Supply and Demand: Building Utilization and Boundary Participation of Schools Serving PK3-5th Grade

This section provides information about the citywide demand of the schools that offered grades PK3-5th, by ward of the schools. The following metrics show how full or utilized the schools were as of SY2016-17, the share of DCPS students enrolled at the school who lived in the school’s boundary, and the share of all DCPS students who lived in the school’s boundary who enrolled at the school.

This section describes three measures that help describe the demand for schools: facility utilization rates, school in-boundary participation rate (DCPS only), and boundary participation rate (DCPS only). See Appendices 4 and 6 for school-specific metrics.

The first measure is the facility utilization rate, which is calculated by dividing the schools’ total audited enrollment (including all grades offered in the school) by the schools’ programmatic capacities (including portables) citywide and for each ward. Table 3 shows that DCPS schools serving PK3-5th had an average utilization rate of 84% of their total capacity. Ward 5 DCPS elementary schools had the lowest average utilization rate (52%) and Ward 3 DCPS elementary schools had the highest average utilization rate (101%). Public charter schools serving PK3-5th had an average utilization rate of 84%; Ward 5 schools had the lowest (77%) and Ward 2 schools had the highest (97%). There were no public charter schools located in Ward 3. It should be noted that new schools may have not yet enrolled in their maximum grade as of SY16-17.

Table 4 provides the average school in-boundary rate. This is the share of DCPS schools’ total enrollment that lived in-boundary. The numerator is the number of grade-specific, in-boundary students attending the school and the denominator is the number of grade-specific students enrolled at the school program. The average DCPS elementary school had a school in-boundary rate of 55%. Table 4 also breaks the information down by ward of the school. For instance, 74% of DCPS Ward 3 PK3-5th schools’ students lived in-boundary. More information about the schools’ boundaries are shown on Map 2.

Table 4 also shows the boundary participation rate. This metric calculates the share of all PK3-5th grade public school students living in each specific DCPS school’s boundary who attended the school. The numerator is the number of grade-specific, in-boundary students attending the school and the denominator is all grade-specific, public school students living in the boundary (all grade-specific DCPS and public charter students living in-boundary, regardless of where they are enrolled). Table 4 shows that, on average, 31% of all public elementary school students enrolled in their in-boundary DCPS school in SY2016-17. Elementary students living in Ward 3 were more likely to attend their in-boundary DCPS school (85% of all Ward 3 public PK3-5th grade students) while Ward 5 elementary students were the least likely to attend their in-boundary DCPS school (16% of all Ward 5 public PK3-5th grade students). Because public charters have citywide enrollment policies (they do not have boundaries), school in-boundary and boundary participation rates are not applicable.

Table 3: Building Utilization of Schools, PK3-5th Grade, by Ward of School, SY16-17

Ward	DCPS Facility Utilization Rate	PCS Facility Utilization Rate
Ward 1	91%	82%
Ward 2 ⁵	94%	97%
Ward 3 ⁶	101%	--
Ward 4 ⁶	93%	82%
Ward 5	52%	77%
Ward 6 ⁶	83%	96%
Ward 7	80%	91%
Ward 8	86%	87%
Citywide	84%	84%

⁵ There was only one public charter elementary school in Ward 2.
⁶ Capacities and enrollments for Murch, Bancroft, Marie Reed, Powell, and Watkins were excluded since the buildings are undergoing renovations.

Table 4: Boundary Participation for DCPS Schools, PK3-5th Grade, by Ward of School, SY16-17

Ward	Average DCPS School In-Boundary Rate	Average DCPS Boundary Participation Rate
Ward 1	48%	32%
Ward 2	45%	46%
Ward 3	74%	85%
Ward 4	56%	35%
Ward 5	58%	16%
Ward 6	41%	38%
Ward 7	58%	24%
Ward 8	59%	23%
Citywide	55%	31%

Note: DCPS Citywide Schools are excluded from the In-Boundary and Boundary Participation rates.

The Future: Population Forecasts Compared to Current Supply of Elementary Seats

This section describes the DC Office of Planning’s population forecasts and how they compare to the current supply of elementary school seats.

This section reviews whether the current supply of elementary school educational seats is sufficient for the estimated future number of public elementary students. In 2016, the DC Office of Planning (OP) forecasted single age populations for 2020 and 2025. These population estimates were an update to population forecasts completed in 2013 by OP and the forecasted number of 3-10 year olds is now lower than previously estimated. Table 5 lists these forecasts for ages 3 and 4 (reflecting grades PK3 and PK4), as well as ages 5-10 (reflecting grades K-5th). In addition, Table 5 adjusts the forecasts for public school enrollment. The DME did this by subtracting the shares of age-specific private school enrollment and of children not in school in the US Census’s American Community Survey from the OP forecasts. These estimates assume that the share of the school-age population that attends public school versus private school or that is not in school remains constant. The highest estimated public school enrollments show that as many as 2,563 additional 3 and 4 year olds may enroll in the public school system (a 18% increase between 2015 and 2025). The District may also have as many as 11,154 additional 5-10 year olds enrolled in the public school system as well (a 33% increase between 2015 and 2025).

Table 5: Forecasted Population and Estimated Public School Students, 3-10 Year Olds, 2020 and 2025

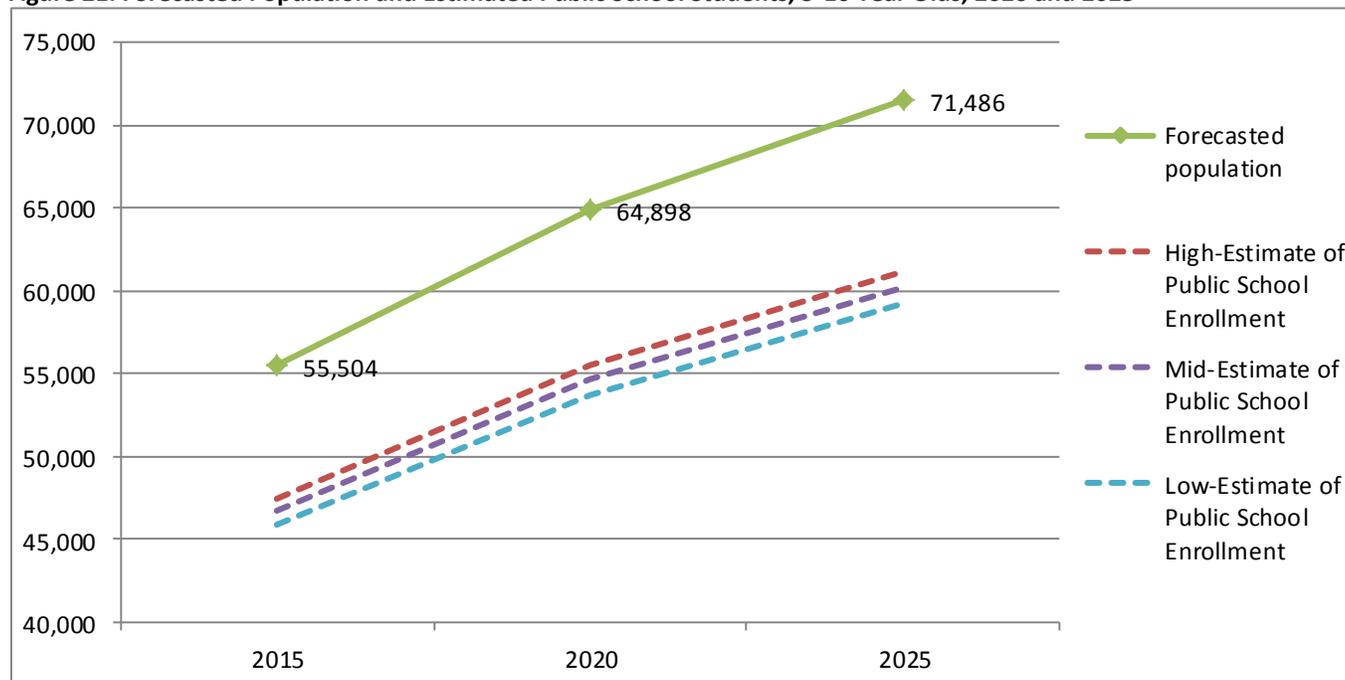
	2015 ⁷	2020	2025
Forecasted 3-4 age population ⁸	16,809	19,183	19,870
High-Level Estimate of 3-4 year olds in public school ⁹	14,074	16,062	16,637
Mid-Level Estimate of 3-4 year olds in public school ⁹	13,738	15,678	16,240
Low-Level Estimate of 3-4 year olds in public school ⁹	13,402	15,295	15,843
Forecasted 5-10 age population ⁸	38,696	45,715	51,616
High-Level Estimate of 5-10 year olds in public school ⁹	33,407	39,467	44,561
Mid-Level Estimate of 5-10 year olds in public school ⁹	32,947	38,923	43,947
Low-Level Estimate of 5-10 year olds in public school ⁹	32,486	38,379	43,333

⁷ U.S. Census Bureau Population Estimate for 2015

⁸ DC Office of Planning forecasted age -specific population forecasts, high estimate.

⁹ DME applied the age-specific % private school enrollment and % not in school from the 2011-2015 American Community Survey (ACS) 5-Year Estimates to the OP forecasts to estimate the number of children in public school.

Figure 21: Forecasted Population and Estimated Public School Students, 3-10 Year Olds, 2020 and 2025



The Future: Population Forecasts Compared to Current Supply of Elementary Seats, continued

Table 6 shows the estimated number of PK3-5th grade seats by sector and ward in SY2016-17. The number of grade-specific seats was calculated by taking the total school programmatic capacities discussed in Table 1 and adjusting them to reflect only grades PK3-5th, rather than the full building capacity if they serve higher grades (see Appendices 4 and 5 for the total building capacities and PK3-5th grade seats for each school). These seats reflect the grades that the schools serve and their facilities as of SY2016-17 and do not take into account any future changes in grade spans or opening or closing of schools (e.g., if schools plan to incrementally add grades; if schools plan to reduce the number of grades offered; if schools plan to change or renovate their facilities resulting in an increase or decrease in capacity and seats; or if new schools or campuses open or close). Using this method, there were 32,050 DCPS and 27,520 public charter school PK-5th grade seats, totaling 59,570 seats (Table 6).

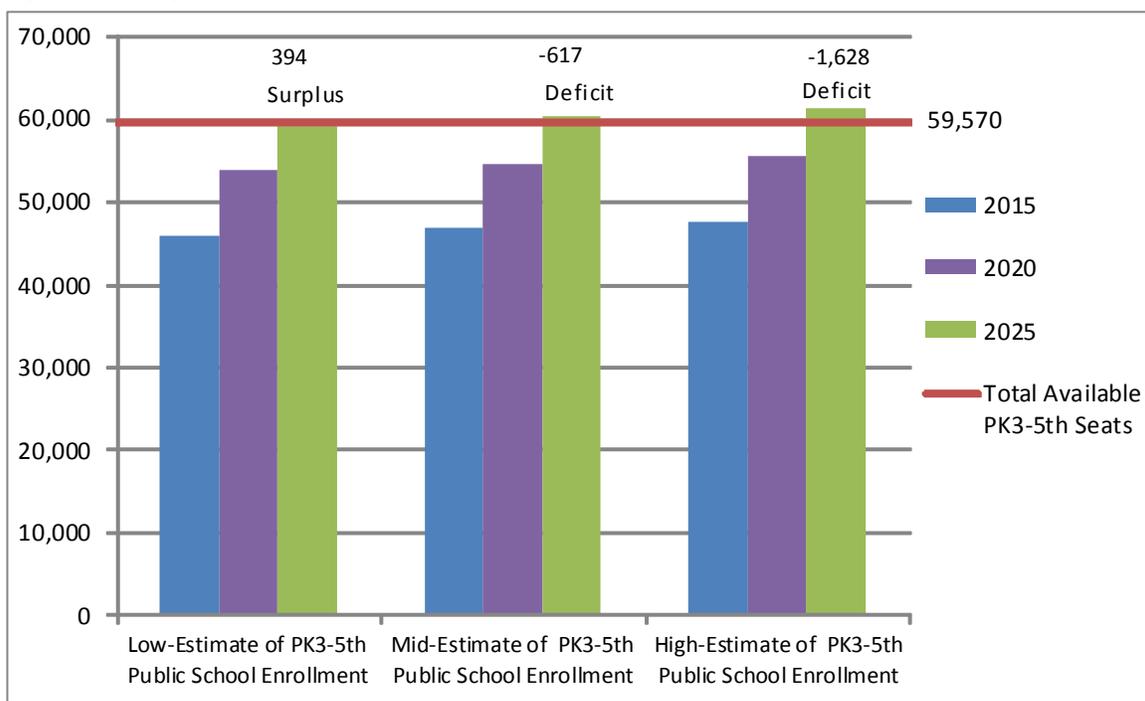
Table 6: Estimated Number of PK3-5th Grade Seats, by Ward of School, SY16-17

Ward	# DCPS Seats (based on capacity)	# PCS Seats (based on capacity)	# Total Seats (based on capacity)
Ward 1	2,095	950	3,045
Ward 2	1,515	123	1,638
Ward 3	3,016	0	3,016
Ward 4	5,333	3,360	8,693
Ward 5	3,392	10,081	13,473
Ward 6	5,896	2,500	8,396
Ward 7	5,040	3,554	8,594
Ward 8	5,762	6,952	12,714
Grand Total	32,050	27,520	59,570

Note: Capacities for Murch, Bancroft, Marie Reed, Powell, and Watkins were excluded since the buildings are undergoing renovations.

Private school/not in school discount rate estimates were applied to the OP 2025 forecasted population. Based on this, there may be between 59,176 and 61,198 3-10 year old public school students in 2025 (see Figure 21). If the District grows by this amount, and if the city keeps the same supply of elementary schools with the same grade spans and facilities as they have in SY2016-17, then there may be anywhere between a deficit of 1,628 seats to a surplus of 394 seats in our current facility inventory (Figure 22).

Figure 22: Comparison of PK3-5th Grade Seats in 2025 Based on Schools as of SY16-17



Schools offering grades PK3-5th in SY2016-17

#	School Name(s)	Grades Served
1	Achievement Preparatory PCS - Elementary School; Achievement Preparatory PCS - Middle School	PK3-3rd; 4th-8th
2	Aiton Elementary School	PK3-5th
3	Amidon-Bowen Elementary School	PK3-5th
4	AppleTree Early Learning Center PCS - Columbia Heights	PK3-PK4
5	AppleTree Early Learning Center PCS - Lincoln Park	PK3-PK4
6	AppleTree Early Learning Center PCS - Oklahoma Avenue	PK3-PK4
7	AppleTree Early Learning Center PCS - Southeast [Douglass Knoll]	PK3-PK4
8	AppleTree Early Learning Center PCS - Southeast [Parklands]	PK3-PK4
9	AppleTree Early Learning Center PCS - Southwest	PK3-PK4
10	Bancroft Elementary School @ Sharpe; Briya PCS [13th Street/Sharpe]	PK3-5th; PK3-PK4; Adult
11	Barnard Elementary School	PK3-5th
12	Basis DC PCS	5th-12th
13	Beers Elementary School	PK3-5th
14	Breakthrough Montessori PCS	PK3-PK4
15	Brent Elementary School	PK3-5th
16	Bridges PCS; Briya PCS [Gallatin Street/Fort Totten]	PK3-4th; PK3-PK4; Adult
17	Brightwood Education Campus	PK3-8th
18	Briya PCS [Georgia Avenue/Petworth]	PK3-PK4; Adult
19	Briya PCS [Ontario Road/Adams Morgan/Main]	PK3-PK4; Adult
20	Browne Education Campus	PK3-8th
21	Bruce-Monroe Elementary School @ Park View	PK3-5th
22	Bunker Hill Elementary School	PK3-5th
23	Burroughs Elementary School	PK3-5th
24	Burrville Elementary School	PK3-5th
25	C.W. Harris Elementary School	PK3-5th
26	Capital City PCS - Elementary School; Capital City PCS - Middle School	PK3-4th; 5th-8th
27	Capitol Hill Montessori School @ Logan	PK3-8th
28	Cedar Tree Academy PCS	PK3-KG
29	Center City PCS - Brightwood	PK3-8th
30	Center City PCS - Capitol Hill	PK4-8th
31	Center City PCS - Congress Heights	PK3-8th
32	Center City PCS - Petworth	PK3-8th
33	Center City PCS - Shaw	PK4-8th
34	Center City PCS - Trinidad	PK4-8th
35	City Arts & Prep PCS	PK3-8th
36	Cleveland Elementary School	PK3-5th
37	Creative Minds International PCS	PK3-6th
38	DC Bilingual PCS	PK3-5th
39	DC Prep PCS - Anacostia Campus	PK3-KG
40	DC Prep PCS - Benning Elementary School; DC Prep. PCS - Benning Middle School	PK3-3rd; 4th-7th
41	DC Prep PCS - Edgewood Elementary School	PK3-3rd

Schools offering grades PK3-5th in SY2016-17

#	School Name(s)	Grades Served
42	DC Prep PCS - Edgewood Middle School	4th-8th
43	DC Scholars PCS	PK3-7th
44	Democracy Prep Congress Heights PCS	PK4-7th
45	Dorothy I. Height Elementary School	PK3-5th
46	Drew Elementary School	PK3-5th
47	E.L. Haynes PCS [Georgia Avenue] - Middle School	5th-8th
48	E.L. Haynes PCS [Kansas Avenue] - Elementary School	PK3-4th
49	Eagle Academy PCS - Capitol Riverfront	PK3-3rd
50	Eagle Academy PCS - Congress Heights	PK3-3rd
51	Early Childhood Academy PCS [Facility A]	PK3-3rd
52	Early Childhood Academy PCS [Facility B]	PK3-3rd
53	Eaton Elementary School	PK4-5th
54	Elsie Whitlow Stokes Community Freedom PCS	PK3-5th
55	Excel Academy PCS	PK3-8th
56	Friendship PCS - Armstrong	PK3-5th
57	Friendship PCS - Blow Pierce Elementary; Friendship PCS - Blow-Pierce Middle	PK3-3rd; 4th-8th
58	Friendship PCS - Chamberlain Elementary; Friendship PCS - Chamberlain Middle	PK3-3rd; 4th-8th
59	Friendship PCS - Online	KG-8th
60	Friendship PCS - Southeast Academy	PK3-5th
61	Friendship PCS - Woodridge Elementary; Friendship PCS - Woodridge Middle	PK3-3rd; 4th-8th
62	Garfield Elementary School	PK3-5th
63	Garrison Elementary School	PK3-5th
64	H.D. Cooke Elementary School	PK3-5th
65	Harmony DC PCS - School of Excellence	KG-5th
66	Hearst Elementary School	PK4-5th
67	Hendley Elementary School	PK3-5th
68	Hope Community PCS - Lamond	PK3-5th
69	Hope Community PCS - Tolson	PK3-8th
70	Houston Elementary School	PK3-5th
71	Hyde-Addison Elementary School	PK3-5th
72	Ideal Academy PCS	PK3-8th
73	Ingenuity Prep PCS	PK3-3rd
74	Inspired Teaching Demonstration PCS	PK3-8th
75	J.O. Wilson Elementary School	PK3-5th
76	Janney Elementary School	PK4-5th
77	Ketcham Elementary School	PK3-5th
78	Key Elementary School	PK4-5th
79	Kimball Elementary School	PK3-5th
80	King Elementary School	PK3-5th
81	KIPP DC PCS Arts & Technology Academy; KIPP DC PCS Quest Academy; KIPP DC PCS Valor Academy	PK3-KG; 1st-4th; 5th-7th
82	KIPP DC PCS Connect Academy; KIPP DC PCS Spring Academy; KIPP DC PCS Northeast Academy	PK3-KG; 1st-4th; 5th-8th

Schools offering grades PK3-5th in SY2016-17

#	School Name(s)	Grades Served
83	KIPP DC PCS Discover Academy; KIPP DC PCS Heights Academy; KIPP DC PCS AIM Academy	PK3-KG; 1st-4th; 5th-8th
84	KIPP DC PCS Grow Academy; KIPP DC PCS Lead Academy; KIPP DC PCS WILL Academy	PK3-KG; 1st-4th; 5th-8th
85	KIPP DC PCS LEAP Academy; KIPP DC PCS Promise Academy; KIPP DC PCS KEY Academy	PK3-PK4; KG-4th; 5th-8th
86	Lafayette Elementary School	PK4-5th
87	Langdon Elementary School	PK3-5th
88	Langley Elementary School	PK3-5th
89	LaSalle-Backus Education Campus	PK3-8th
90	Latin American Montessori Bilingual PCS [Missouri Avenue]	PK3-5th
91	Leckie Education Campus	PK3-7th
92	Lee Montessori [St. Paul's College]	PK3-3rd
93	Ludlow-Taylor Elementary School	PK3-5th
94	Malcolm X Elementary School @ Green	PK3-5th
95	Mann Elementary School	PK4-5th
96	Marie Reed Elementary School	PK3-5th
97	Mary McLeod Bethune PCS [16th Street]	PK3-1st
98	Mary McLeod Bethune PCS [Main]	PK3-8th
99	Maury Elementary School	PK3-5th
100	Meridian PCS [13th Street]	PK3-5th
101	Miner Elementary School	PK3-5th
102	Monument Academy PCS	5th-6th
103	Moten Elementary School	PK3-5th
104	Mundo Verde Bilingual PCS	PK3-5th
105	Murch Elementary School @ UDC	PK4-5th
106	Nalle Elementary School	PK3-5th
107	Noyes Elementary School	PK3-5th
108	Orr Elementary School	PK3-5th
109	Oyster-Adams Bilingual School (Adams)	4th-8th
110	Oyster-Adams Bilingual School (Oyster)	PK4-3rd
111	Patterson Elementary School	PK3-5th
112	Payne Elementary School	PK3-5th
113	Peabody Elementary School (Capitol Hill Cluster)	PK3-KG
114	Perry Street Preparatory PCS; Latin American Montessori Bilingual PCS [South Dakota Avenue]	PK3-8th; PK3-5th
115	Plummer Elementary School	PK3-5th
116	Powell Elementary School	PK3-5th
117	Randle Highlands Elementary School	PK3-5th
118	Raymond Education Campus	PK3-8th
119	Rocketship DC PCS	PK3-2nd
120	Roots PCS [Kennedy Street]	PK3-5th
121	Roots PCS [North Capitol Street]	PK3-5th
122	Ross Elementary School	PK3-5th
123	Savoy Elementary School	PK3-5th

Schools offering grades PK3-5th in SY2016-17

#	School Name(s)	Grades Served
124	School Without Walls @ Francis-Stevens	PK3-8th
125	School-Within-School @ Goding	PK3-5th
126	Seaton Elementary School	PK3-5th
127	Sela PCS	PK3-3rd
128	Shepherd Elementary School	PK3-5th
129	Shining Stars [Randolph Street]	PK3-5th
130	Simon Elementary School	PK3-5th
131	Smothers Elementary School	PK3-5th
132	Stanton Elementary School	PK3-5th
133	Stoddert Elementary School	PK4-5th
134	Takoma Education Campus	PK3-8th
135	The Children's Guild DC PCS	KG-8th
136	Thomas Elementary School	PK3-5th
137	Thomson Elementary School	PK3-5th
138	Truesdell Education Campus	PK3-8th
139	Tubman Elementary School	PK3-5th
140	Turner Elementary School	PK3-5th
141	Two Rivers PCS - 4th Street [Elementary]	PK3-5th
142	Two Rivers PCS - Young	PK3-2nd
143	Tyler Elementary School	PK3-5th
144	Van Ness Elementary School	PK3-1st
145	Walker-Jones Education Campus	PK3-8th
146	Washington Latin PCS - Middle School	5th-8th
147	Washington Yu Ying PCS	PK3-5th
148	Watkins Elementary School (Capitol Hill Cluster)	1st-5th
149	West Education Campus	PK3-8th
150	Wheatley Education Campus	PK3-8th
151	Whittier Education Campus	PK3-8th