



# Public Education Supply and Demand for the District of Columbia

## Elementary School Fact Sheet, SY2015-16

Date of Release: 10/21/16

This fact sheet describes the District’s public elementary schools and the students attending them during SY2015-16. This fact sheet includes information about schools that offered at least one grade in the PK3—5th grade span during SY2015-16, 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 are excluded, unless otherwise noted.

Information about the schools and their associated facilities are from the Office of the Deputy Mayor for Education (DME) in consultation with the DC Public Charter School Board (PCSB), DC Public Schools (DCPS), and the Department of General Services (DGS). The student information comes from the official audited enrollment file, an October 2015 snapshot of student enrollment, residency, and demographics from the Office of the State Superintendent of Education (OSSE), as analyzed by the DME.

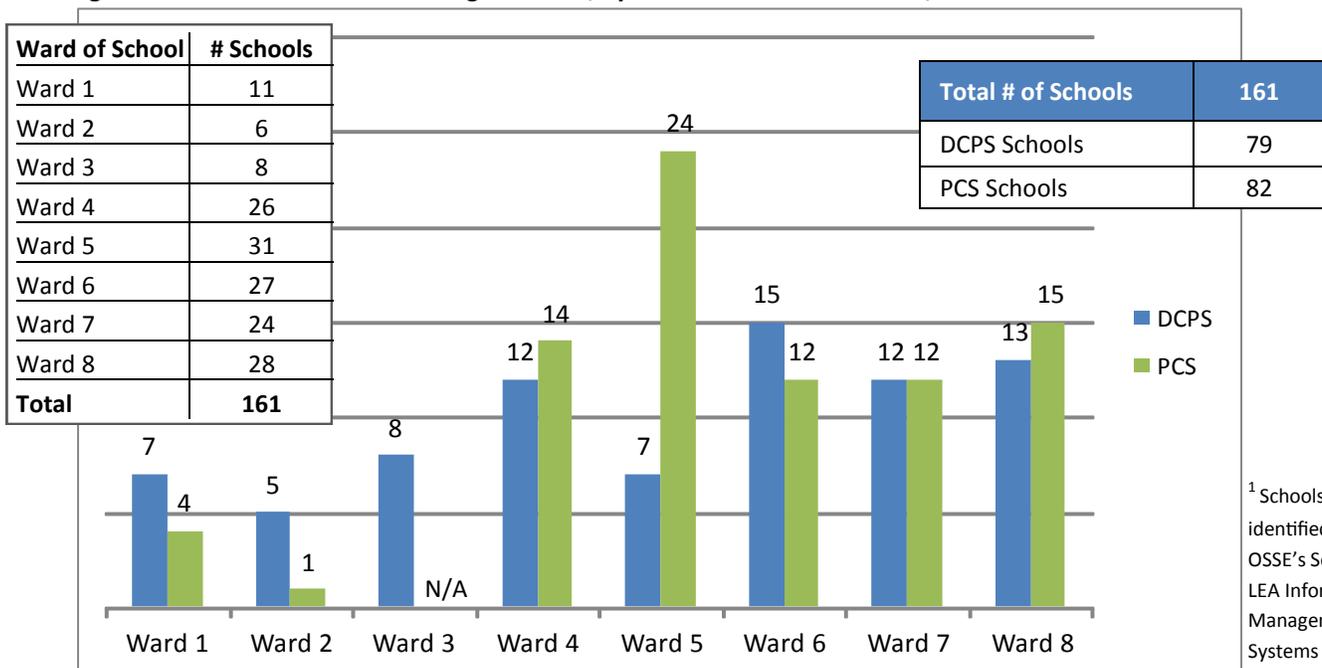
### Availability of Schools: Location and Number of Schools Offering Grades PK3—5th

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 SY2015-16.

In SY2015-16, there were 63 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 62 LEAs. Of these 63 LEAs, 42 LEAs had a school that offered at least one grade in the PK3-5th grade span.

There were 161 public schools serving at least one grade from PK3—5th located across the eight wards of the District of Columbia as of SY2015-16.<sup>1</sup> 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 (31), driven by the largest number of public charter schools (24) compared to other wards. Ward 8 had the next highest at 28 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, SY15-16



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

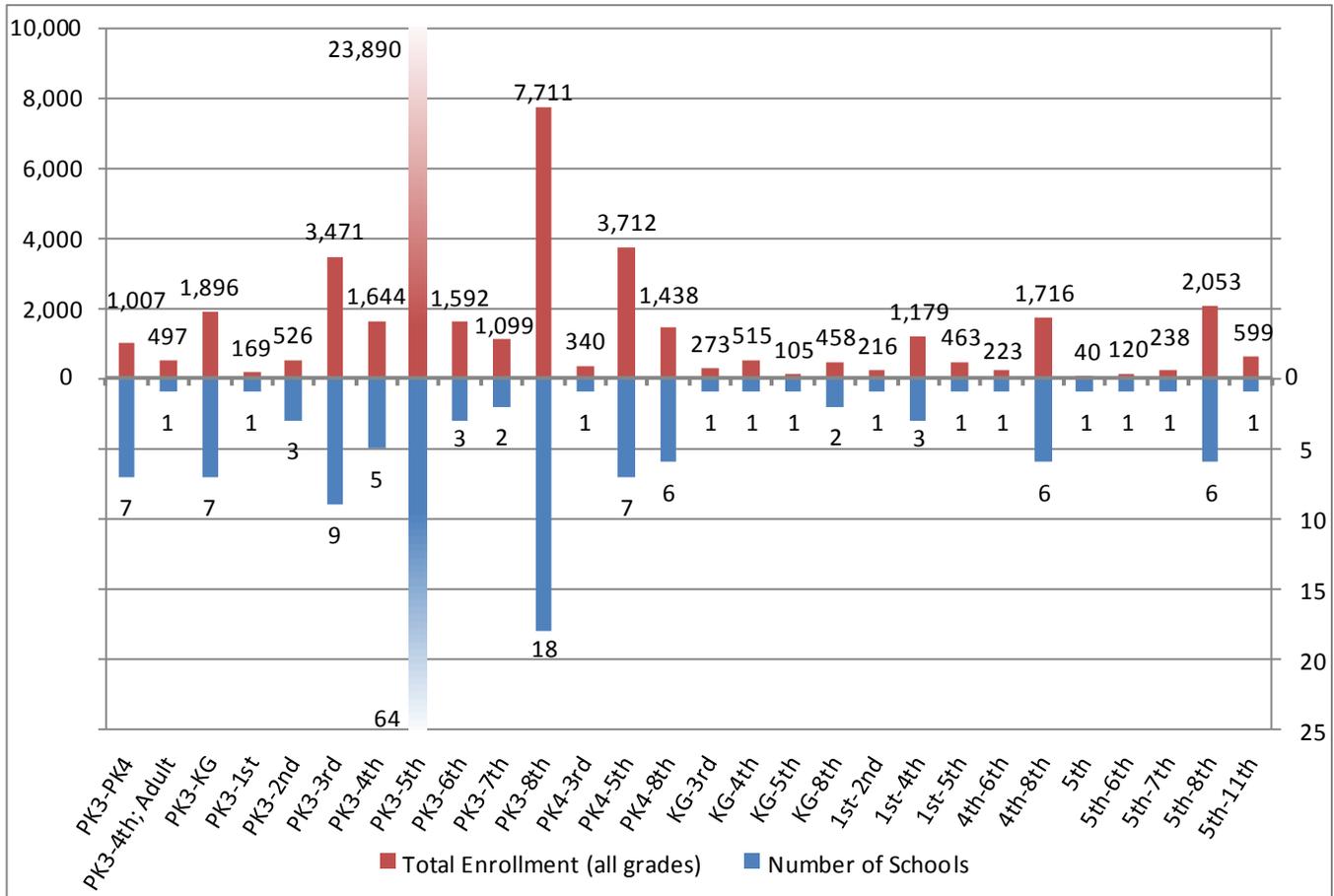
This section describes the grade configuration of schools that offered at least one grade in the PK3—5th grade span, the number of schools that offered that grade configuration, and the total enrollment of all grades.

There is no standardized elementary school grade configuration in the District of Columbia. In SY2015-16, there were 28 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 managed by PCSB.

As can be seen in Figure 2, PK3—5th is the most commonly offered grade configuration, with 64 elementary schools and a total enrollment of 23,890 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, SY15-16**



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

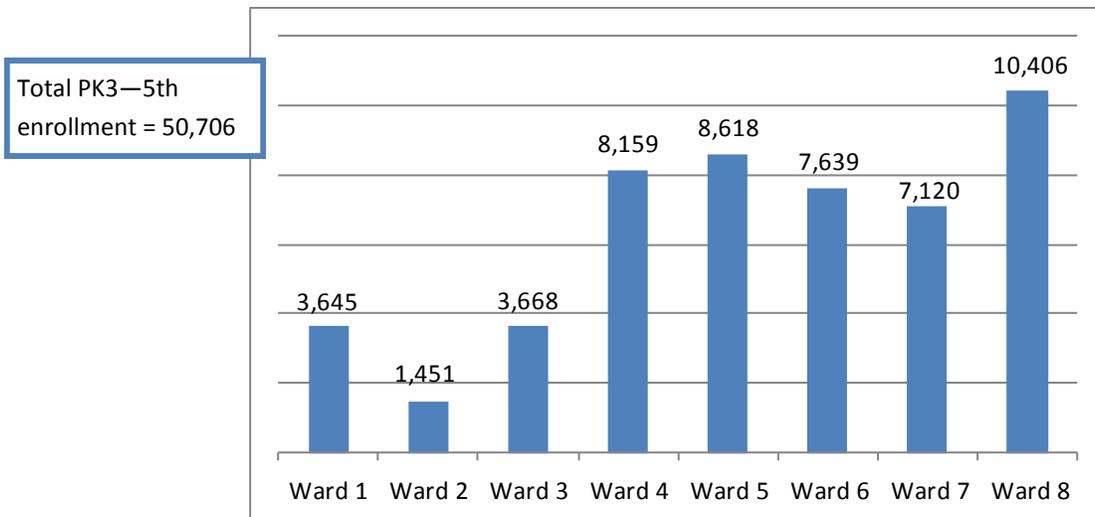
**Supply of Schools: Location and Enrollment of Schools Offering Grades PK3—5th**

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).

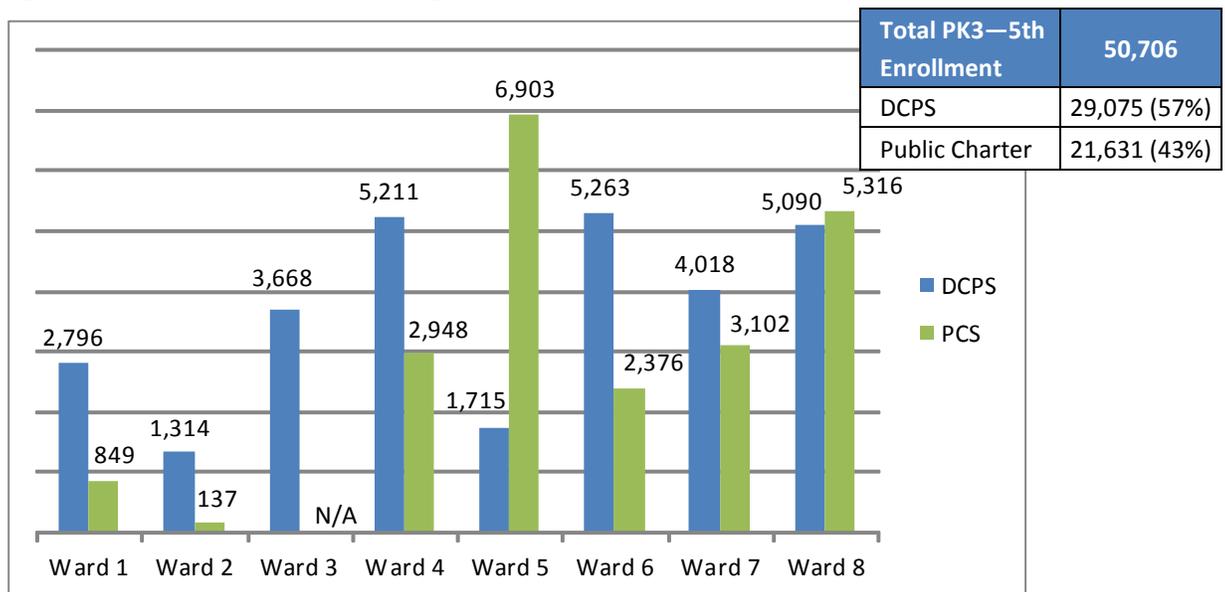
There was a total of 50,706 students<sup>3</sup> in grades PK3—5th enrolled in 162 schools as of SY2015-16. Of those elementary students, 57% were enrolled in DCPS and 43% were enrolled in public charter schools. Figure 3 shows the total enrollment for just grades PK3—5th by ward of the school where the student was enrolled as of SY2015-16 (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 (10,406) and had the second highest number of schools (28, see Figure 1). Wards 4 and 5 had the next highest elementary enrollment of 8,159 and 8,618, respectively.

Looking at Figure 4, Ward 8 school enrollment was almost evenly divided between DCPS and public charter schools. In Ward 5, public charter schools had a greater enrollment than DCPS, reflecting the large number of public charter schools located there (see Figure 1). 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, SY15-16**



**Figure 4: Enrollment of Schools Offering PK3—5th, by Ward of School and Sector, SY15-16**



<sup>3</sup> School enrollment includes enrollment for only grades PK3—5th and excludes older grades that may be offered at the school.

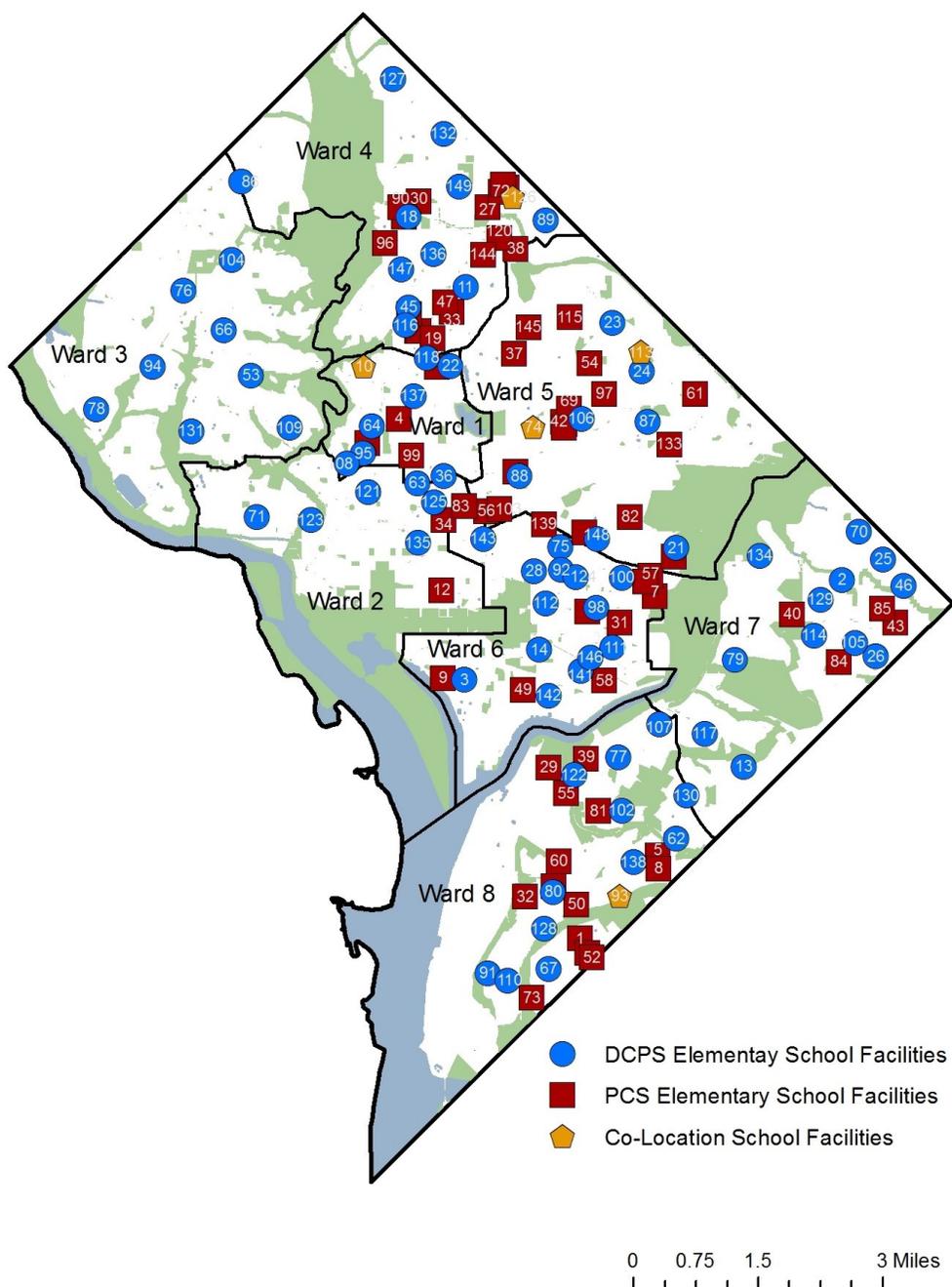
Note: No public charter schools were located in Ward 3.

**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 SY2015-16. The school building legend is provided at the end of the fact sheet.

Map 1 displays the 150 public school *buildings* that offered at least one grade in the PK3—5th grade span in SY2015-16. 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, Bridges PCS was housed in three school buildings (labels 15, 16, and 17) and Malcolm X ES @ Greene and Achievement Prep PCS — Mississippi Ave co-located in building 93. 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). The school building map legend, provided at the end of this fact sheet, lists the schools that offered grades PK3—5th with their associated buildings in SY2015-16. Appendices 4 and 5 also display the buildings with their addresses and grade spans. In addition, see the DME website for an interactive map.

**Map 1: Location of DCPS and PCS Elementary School Buildings, SY15-16**

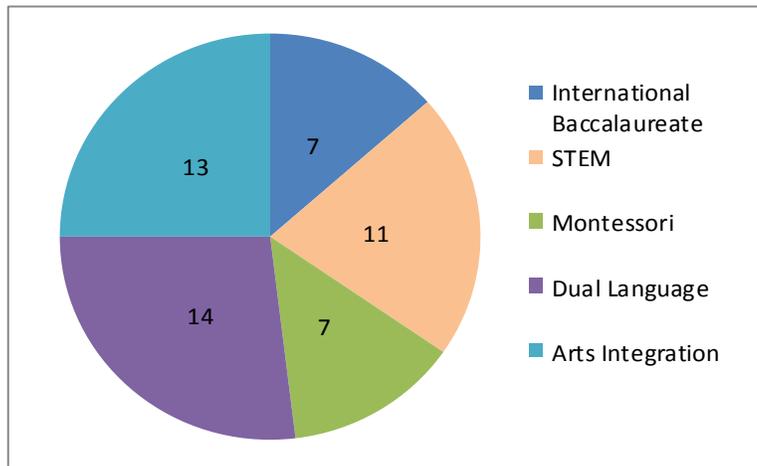


## Supply of Programs: Academic Programs in Schools Serving Grades PK3—5th

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

According to DCPS and PCSB, out of the 161 schools that offered PK3—5th grade, 42 schools (26%) offered the following specialized programs: International Baccalaureate; Science, Technology, Engineering, and Math (STEM); Montessori; Dual Language; and Arts Integration. 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 the PCSB charter school finder and DCPS school profiles. See Appendix 2 for an exact listing of schools and programs.

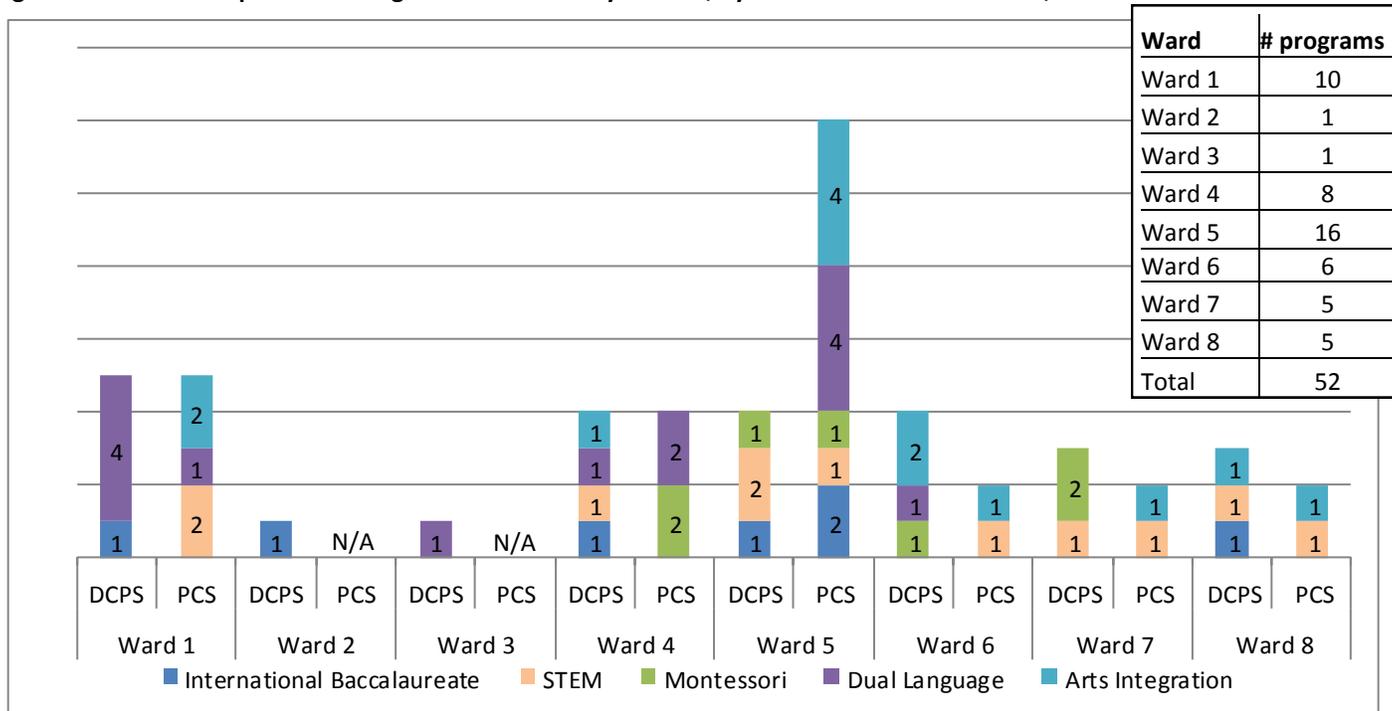
**Figure 5: Number of Specialized Programs in Elementary Schools, SY15-16**



In all, 42 schools offered 52 specialized programs (one school offered three programs, and eight schools offered two programs each). Dual language was the most frequently offered (14 programs and 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 1 DCPS schools and Ward 5 public charter schools had the greatest number of dual language programs (4 programs in Ward 1 and 4 programs in Ward 5) each.

**Figure 6: Number of Specialized Programs in Elementary Schools, by Ward of School and Sector, SY15-16**



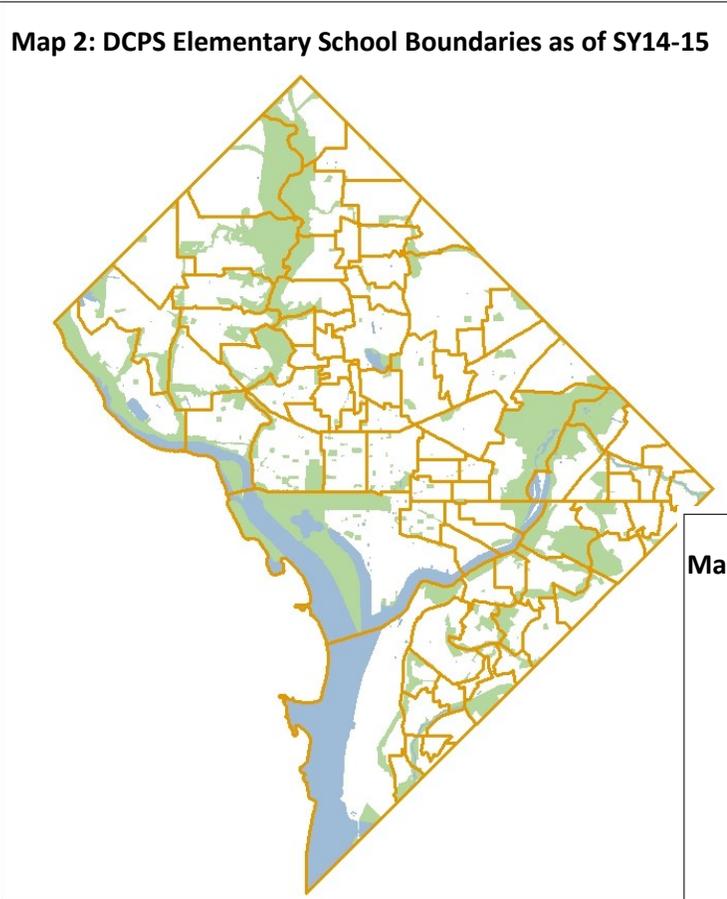
Note: No public charter schools were located in Ward 3.

Definitions for each program type: **International Baccalaureate (IB)**: an internationally recognized diploma program that develops intercultural understanding and respect (schools currently seeking IB authorization are included); **STEM**: a program integrating science, technology, engineering, and math into multiple content areas; **Montessori**: a child-centered educational approach based on scientific observations of children; **Dual Language**: a program where half of instruction is delivered in a language besides English (see Appendix 2 for languages offered by school); and **Arts Integration**: a program integrating the arts into multiple content areas.

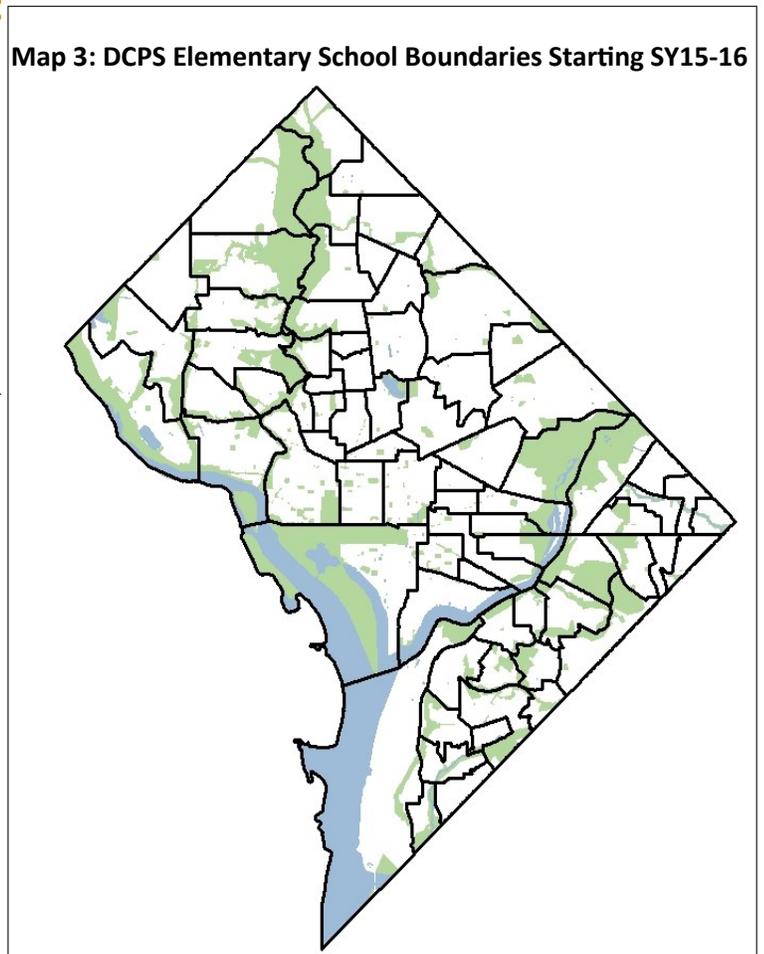
This section describes the attendance zones associated with DCPS schools of right, as well as the recent revision of the attendance zones.

Most DCPS elementary schools<sup>3</sup> and all of their 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.<sup>4</sup> As described later in the fact sheet, 31% of all PK3—5th grade students attended their DCPS in-boundary school in SY2015-16.

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. The purpose of the revision was to address previously closed schools 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 school boundaries prior to the revision that were in effect for SY2014-15. Map 3 shows the DCPS elementary and education campus school boundaries that were implemented, along with extensive phase-in policies, for SY2015-16. 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).



<sup>3</sup> 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.

<sup>4</sup> 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

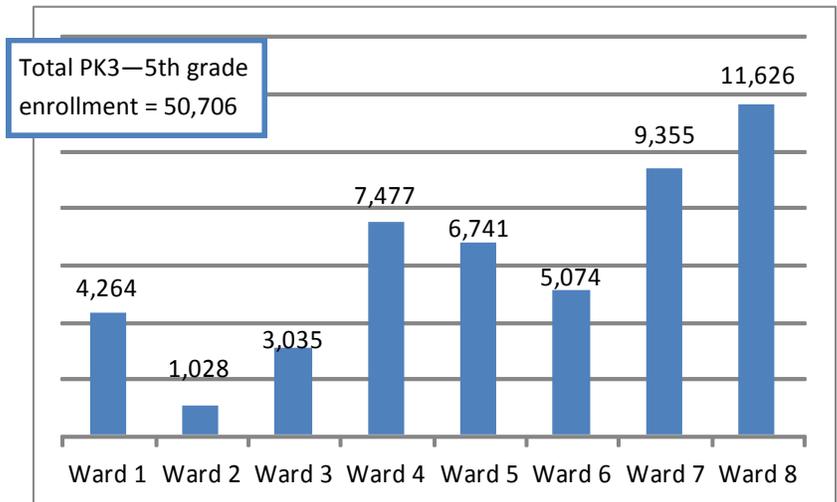
This section describes where PK3—5th grade students lived and their demographics. This includes their race/ethnicity, special education status, English Language Learner status, and at risk of academic failure status.

As of SY2015-16, there were 50,706 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 SY2015-16 according to the audited enrollment. Ward 8 had the greatest number of PK3—5th grade students (11,626 students). Ward 7 had the next greatest number of students (9,355) while Ward 2 had the fewest students (1,028).

The majority of the PK3—5th students in SY2015-16 were African American (68%) followed by Hispanic (15%) and white students (12%) (Figure 8).

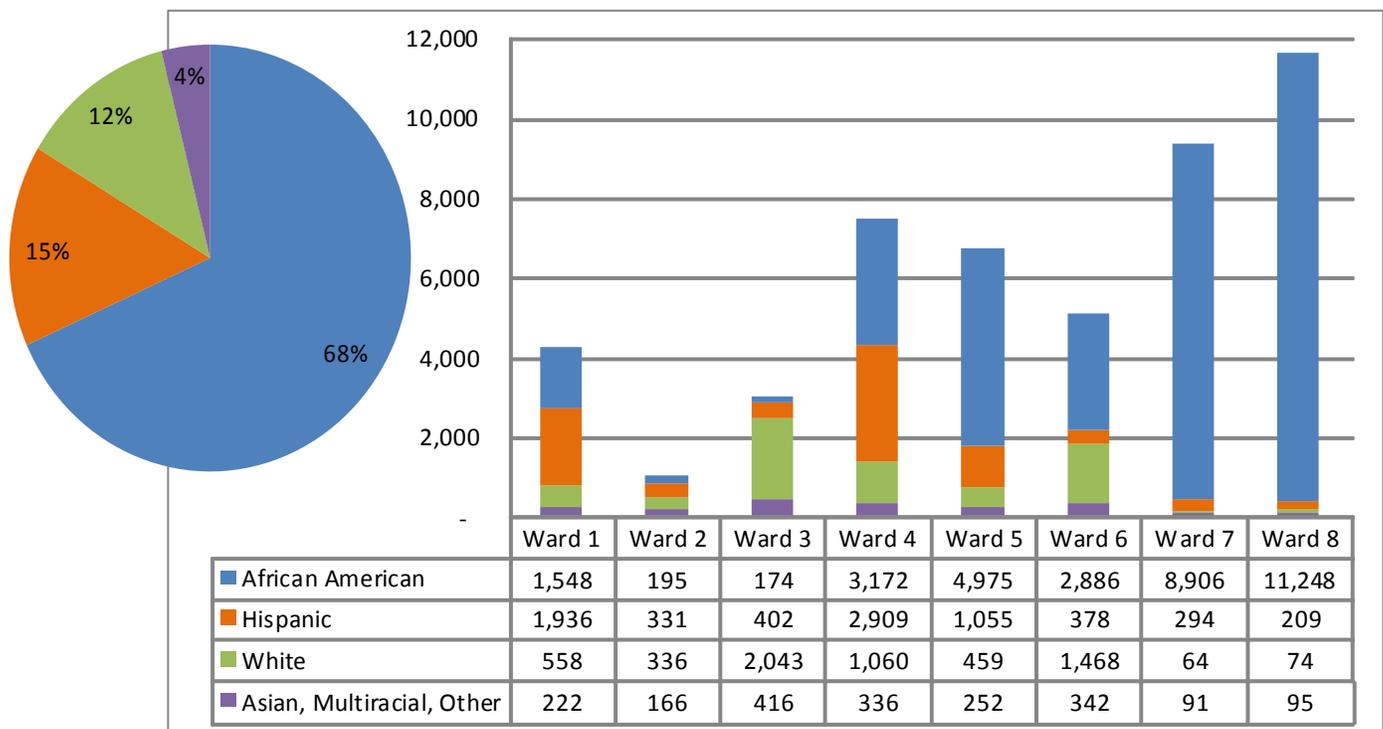
Figure 8 also shows the racial/ethnic make up of students in SY2015-16 by ward of residence. Almost all of the students in Wards 7 and 8 were African American, while Ward 4 had the largest number of Hispanic elementary students (2,909) and Ward 3 has the greatest number of white students (2,043 students).

**Figure 7: Number of PK3—5th Grade Public School Students, by Ward of Residence, SY15-16**



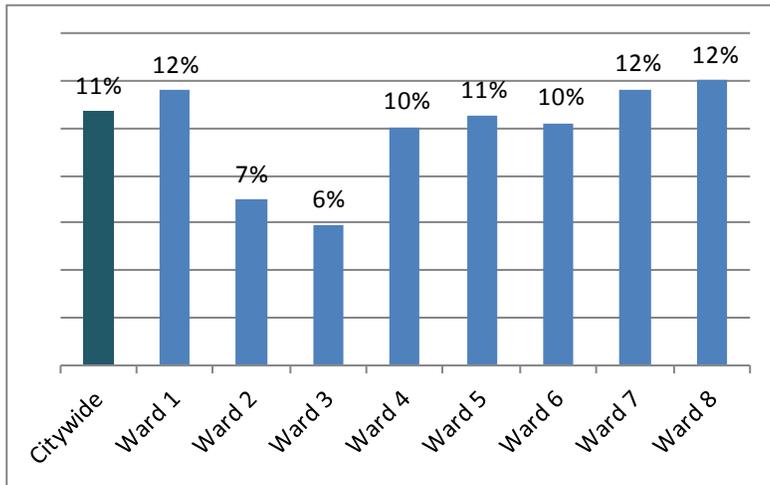
Note: Excludes 2,106 students whose addresses could not be geocoded/whose ward could not be assigned.

**Figure 8: Share and Number of PK3—5th Grade Public School Students by Race/Ethnicity, by Ward of Residence, SY15-16**



Note: Excludes 2,106 students whose addresses could not be geocoded/whose ward could not be assigned.

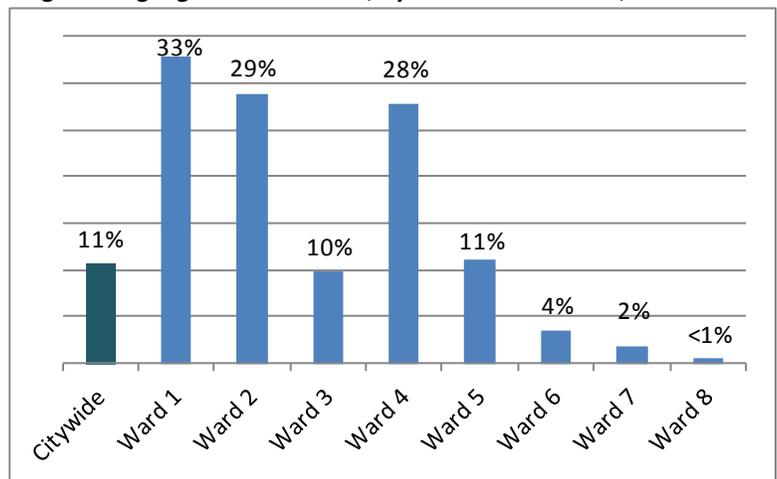
**Figure 9: Share of PK3—5th Grade Public School Students with Special Education Needs, by Ward of Residence, SY15-16**



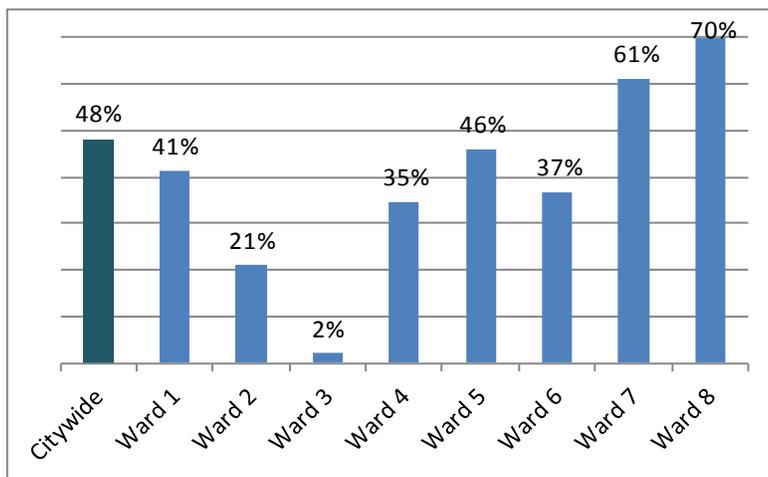
Out of all PK3—5th grade students, 11% had specialized education needs (Figure 9). Specialized Education is education designed to meet the needs of students with disabilities. Governed by the federal Individuals with Disabilities Education Act (IDEA), specialized education programs typically provide students up to age 22 with additional supports and accommodations that allow them to access a specific curriculum. Elementary students in Wards 1, 7, and 8 had slightly higher specialized education needs at 12% apiece compared to elementary students living in other wards in the city.

English Language Learners (ELL) 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 ELL 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 ELL; Wards 1, 2, and 4 had the highest shares of ELL students at 33%, 29%, and 28%, respectively.

**Figure 10: Share of PK3—5th Grade Public School Students with English Language Learner Status, by Ward of Residence, SY15-16**



**Figure 11: Share of PK3—5th Grade Public School Students with At Risk of Academic Failure Status, by Ward of Residence, SY15-16**



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. This identification is used to ensure that schools receive additional local funds to serve these students. Citywide, 48% of all elementary students were identified as at risk, with the highest percentage of students living east of the Anacostia River in Wards 7 and 8 at 61% and 70%, 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 SY2015-16. Nearly half of PK3—5th grade students attended a public charter school (43%), 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 (24%). Only two percent of PK3—5th grade students attended a citywide DCPS school.

**Figure 12: Number and Share of PK3—5th Grade Students Enrollment, SY15-16**

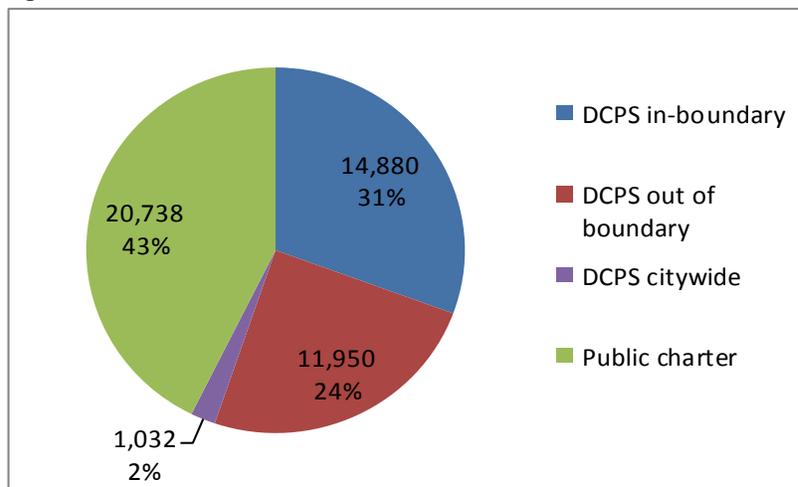
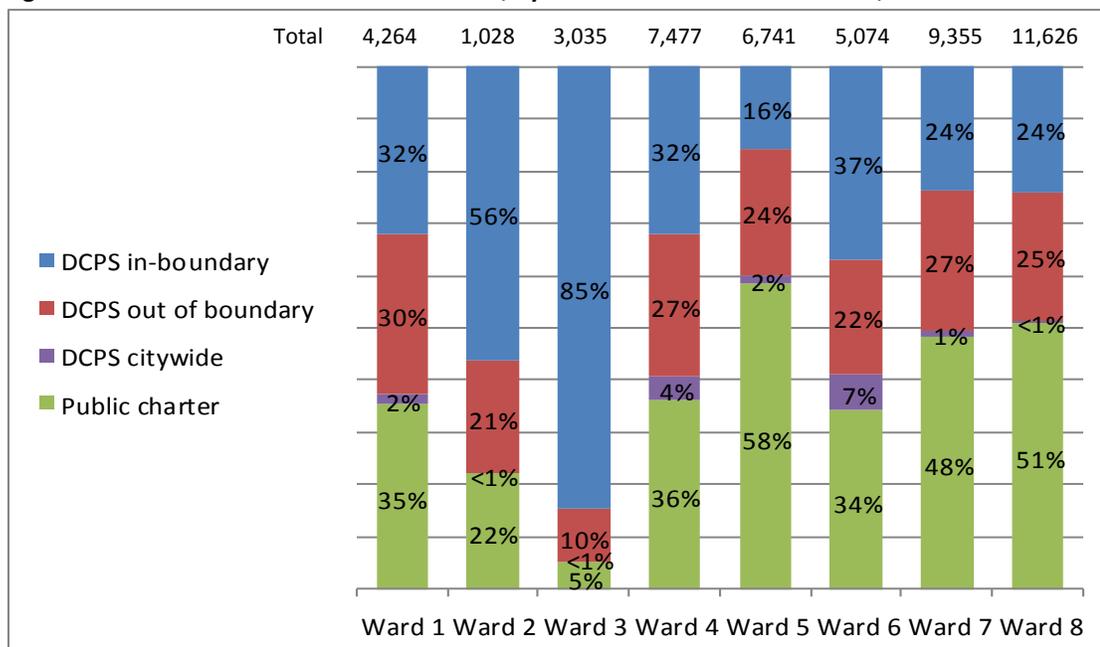


Figure 13 shows the share of PK3—5th grade students that attended their in-boundary DCPS school, an out of boundary DCPS school, or a public charter school by the student’s ward of residence. For instance, 85% of students living in Ward 3 attended their in-boundary DCPS school, while only 16% of students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

**Figure 13: Share of PK3—5th Grade Students, by Ward of Residence and Sector, SY15-16**



Note: Excludes 2,106 students (DCPS and public charter) whose boundary could not be geocoded/whose ward could not be assigned; small values for DCPS citywide students included in the DCPS out of boundary count.

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 SY2015-16. On average, 62% 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 School in the Same Ward, by Ward of Residence, SY15-16**

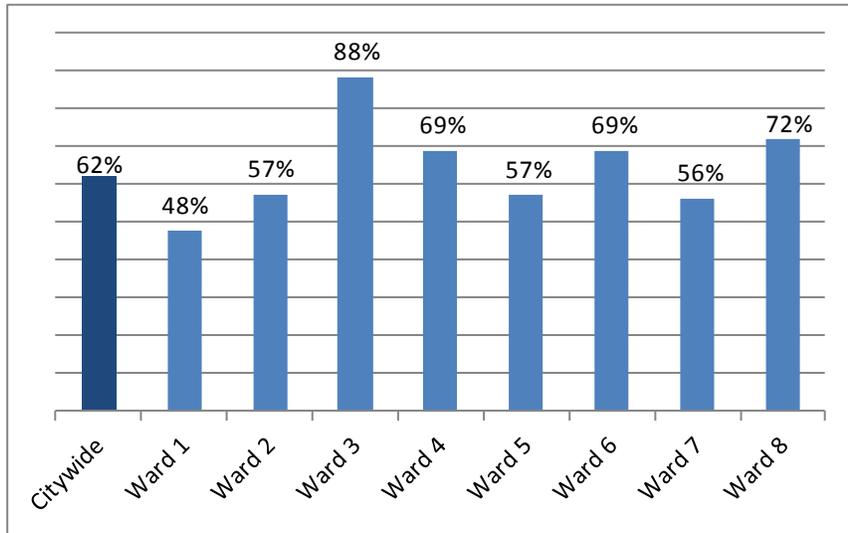
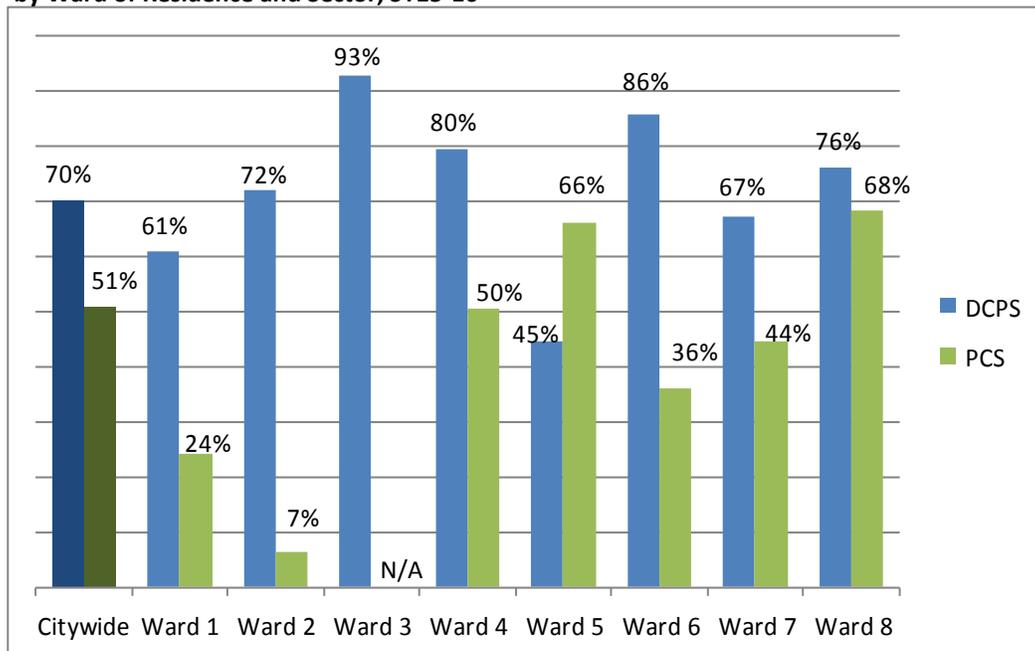


Figure 15 shows the share of students who lived in the same ward as where they were enrolled in school by sector (DCPS and public charter school students). For most wards, DCPS students were more likely to attend school in their ward than public charter school students. The one exception is Ward 5, where 66% of public charter school students lived and attended school in Ward 5 and 45% of DCPS students from Ward 5 did the same.

**Figure 15: Share of PK3—5th Grade Students Who Live and Attend School in the Same Ward, by Ward of Residence and Sector, SY15-16**



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

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) between a students’ home and where they attended school in SY2015-16, as of the audited enrollment. The median distance for all PK3—5th grade students was just under 1 mile (.98 miles). Elementary students living in Ward 7 had the furthest median walk distance at 1.6 miles.

**Figure 16: Median Walk Distance between PK3—5th Grade Students’ Home and School, by Ward of Residence, SY15-16**

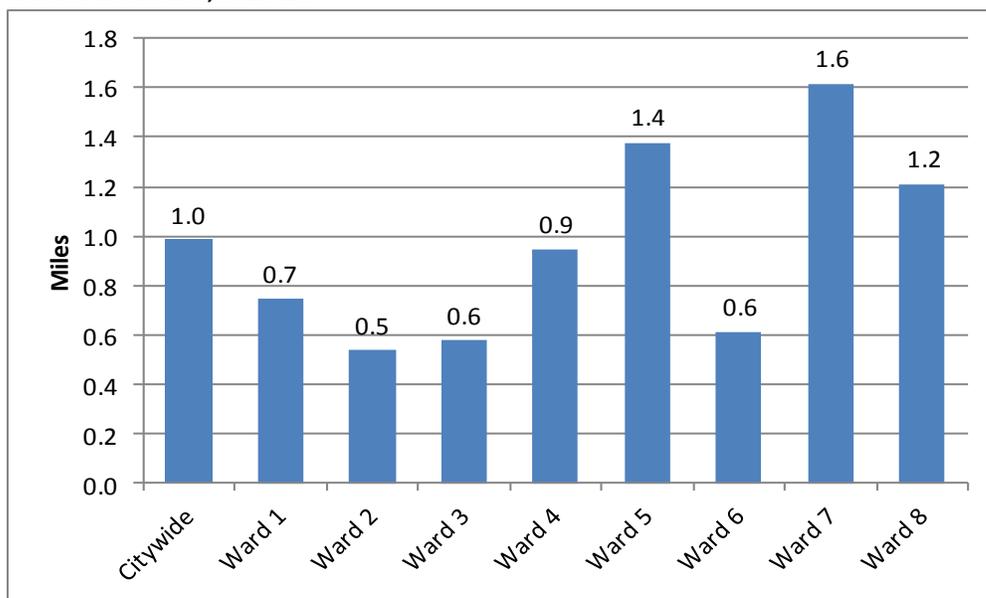
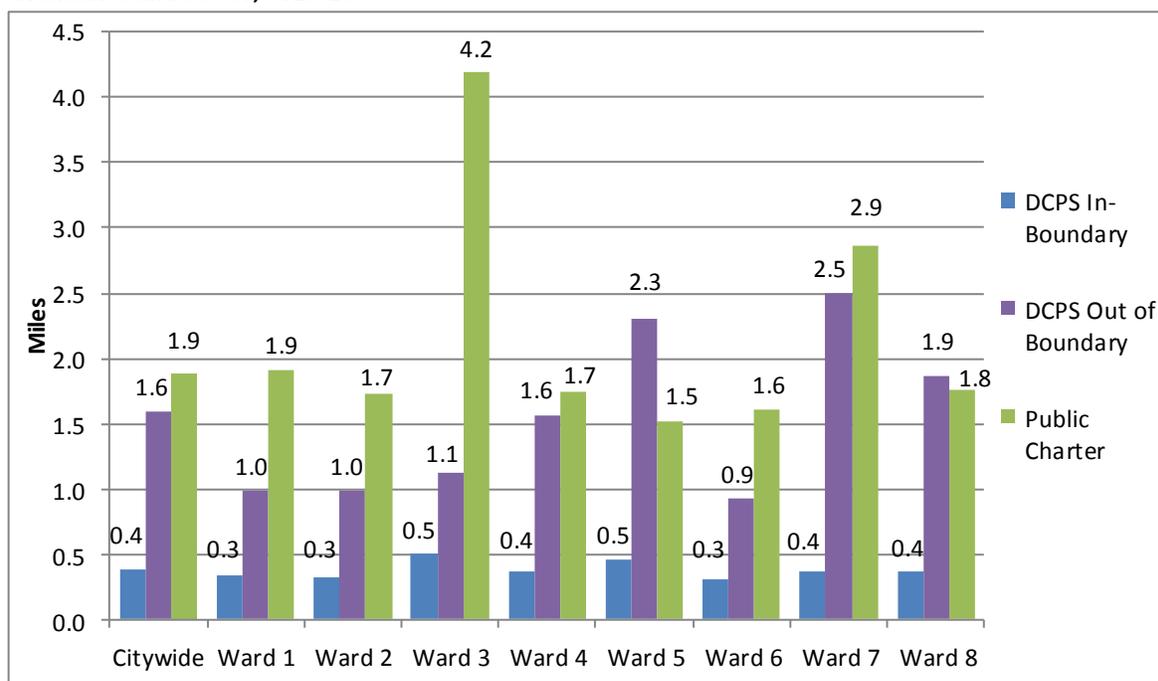


Figure 17 shows the same walking distances, disaggregated by sector as well as by ward. Ward 3 public charter elementary school students traveled the furthest—over 4 miles to their school. This long distance reflects that there were no public charter schools located in Ward 3.

**Figure 17: Median Walk Distance between PK3—5th Grade Students’ Home and School, by Ward of Residence and Sector, SY15-16**



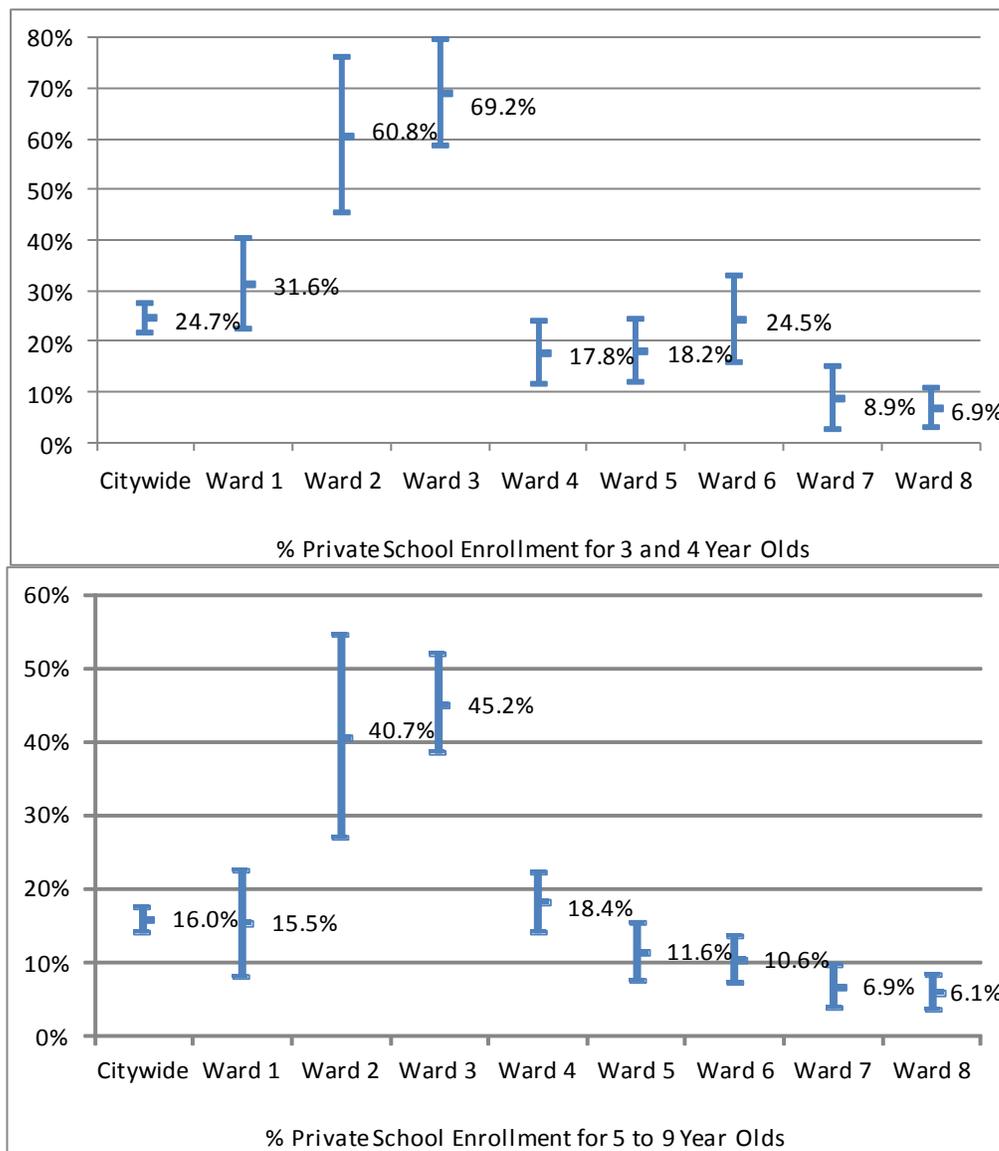
## Private School Students

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. Figure 18 shows the estimated share of private school enrollment by ward according to the American Community Survey, 5 Year Estimates (2010-2014) for both 3 and 4 year olds (approximating PK3 and PK4) and 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.

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 2010-2014, you can be 90% confident that the true share of all 3 and 4 year olds that attended private school was between 22% and 28% 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 18%. Elementary age children 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 to 9 Year Olds, by Ward of Residence, 2010-2014**



Source: American Community Survey, 2010-2014 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. DCPS programmatic capacities are developed by the DC Department of General Services (DGS) in consultation with DCPS using consistent Educational Specification guidelines across all schools. DCPS's capacities includes "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 PCSB developed in partnership with the DME for SY2015-16. For more information about facilities, please see the [Master Facility Plan Annual Supplement](#). School-specific capacities are included in Appendices 4, 5, and 6.

The 161 schools serving PK3—5th grade in SY2015-16 had a programmatic building capacity of 69,417 students (see Table 1). This means that the buildings housing these schools had the capacity for 69,417 students, which could include grades higher than 5th grade. Total building enrollment (including grades higher than 5th) was 57,986. The DCPS programmatic capacity was 36,365 students (DCPS education campuses reflect the full building programmatic capacity). Similarly, public charter schools serving PK3—5th grades had a capacity of 33,052 students for all the grades offered in those buildings. Figure 19 shows programmatic capacity and enrollment of the school buildings by ward and sector. Wards 4 and 5 had the greatest capacities (12,749 and 14,722 seats, respectively). Ward 8 had the next largest programmatic capacity at 12,494 students. In all sectors and wards, programmatic capacity exceeded enrollment.

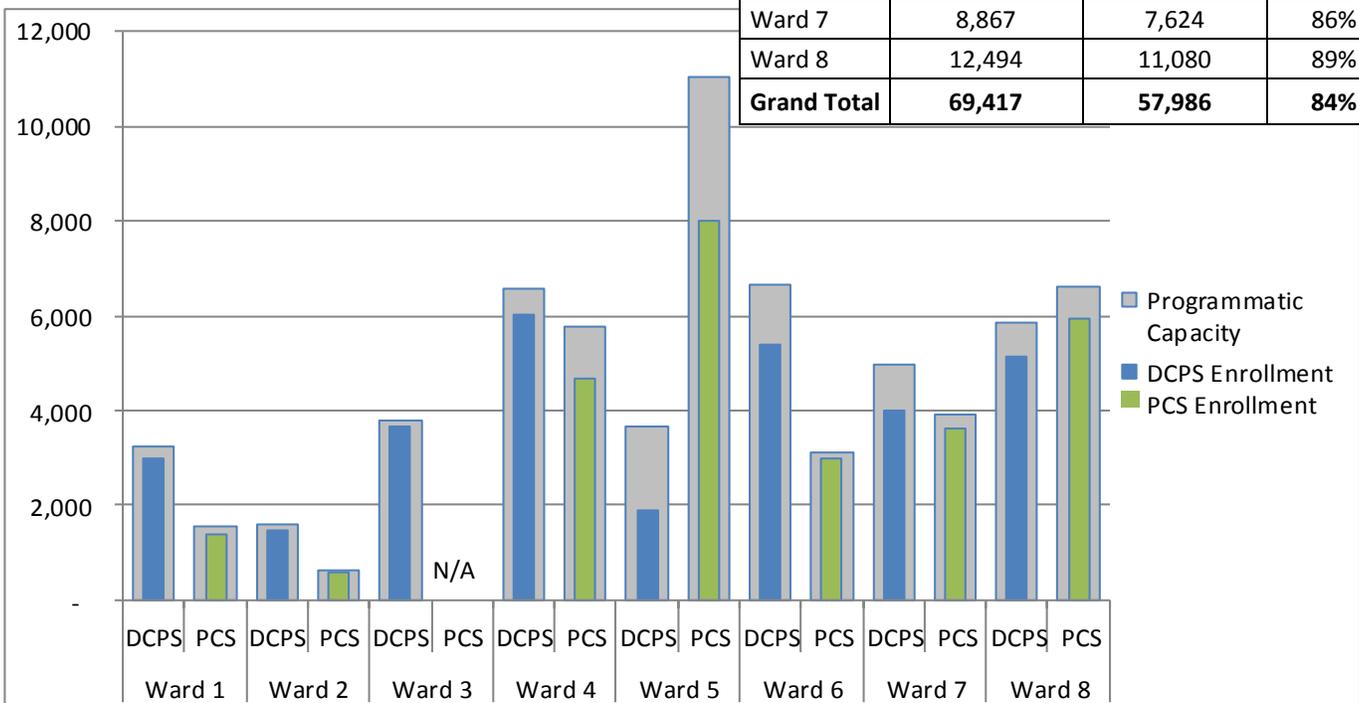
**Table 1: Programmatic Capacity and Enrollment for Buildings with Grades PK3—5th, by Sector, SY15-16**

	Programmatic Capacity	Building Enrollment	% Full
DCPS	36,365	30,542	84%
PCS	33,052	27,444	83%
<b>Total</b>	<b>69,417</b>	<b>57,986</b>	<b>84%</b>

**Table 2: Programmatic Capacity and Enrollment for Buildings with Grades PK3—5th, by Ward, SY15-16**

Ward	Programmatic Capacity	Building Enrollment	% Full
Ward 1	4,829	4,366	90%
Ward 2	2,221	2,054	92%
Ward 3	3,792	3,668	97%
Ward 4	12,749	10,955	86%
Ward 5	14,722	9,893	67%
Ward 6	9,743	8,346	86%
Ward 7	8,867	7,624	86%
Ward 8	12,494	11,080	89%
<b>Grand Total</b>	<b>69,417</b>	<b>57,986</b>	<b>84%</b>

**Figure 19: Programmatic Capacity for Buildings with Grades PK3—5th, by Ward of School and Sector, SY15-16**



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

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 SY2015-16, 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 (97%). Public charter schools serving PK3—5th had an average utilization rate of 83%; Ward 5 schools had the lowest (72%) and Ward 2 schools had the highest (97%). There were no public charter schools located in Ward 3.

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 51%. Table 4 also breaks the information down by ward of the school. For instance, 43% of DCPS Ward 1 PK3—5th schools’ students lived in-boundary. More information about the schools’ boundaries are shown on Maps 2 and 3.

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 SY2015-16. Elementary students living in Ward 3 were more likely to attend their in-boundary DCPS school (87% 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 were unavailable.

**Table 3: Building Utilization of Schools, PK3—5th Grade, by Ward of School, SY15-16**

Ward	DCPS Facility Utilization Rate	PCS Facility Utilization Rate
Ward 1	91%	89%
Ward 2 <sup>5</sup>	91%	97%
Ward 3	97%	--
Ward 4	92%	80%
Ward 5	52%	72%
Ward 6	81%	96%
Ward 7	81%	92%
Ward 8	87%	90%
<b>Citywide</b>	<b>84%</b>	<b>83%</b>

**Table 4: Boundary Participation for DCPS Schools, PK3—5th Grade, by Ward of School, SY15-16**

Ward	Average DCPS School In-Boundary Rate	Average DCPS Boundary Participation Rate
Ward 1	43%	33%
Ward 2	42%	43%
Ward 3	69%	87%
Ward 4	54%	33%
Ward 5	55%	16%
Ward 6	36%	34%
Ward 7	54%	24%
Ward 8	55%	24%
<b>Citywide</b>	<b>51%</b>	<b>31%</b>

<sup>5</sup> There was only one public charter school in Ward 2

## 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 seats is sufficient for the estimated future number of public elementary students. The DC Office of Planning (OP) forecasted single age populations for 2011 through 2022 (only 2016 through 2021 is shown in Table 5). 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 share of the age-specific private school enrollments in the US Census’s American Community Survey from the OP forecasts (for more detail on the share of private school enrollment see Figure 18). The highest estimated public school enrollments show that as many as 1,446 additional 3 and 4 year olds may enroll in the public school system (a 10% increase between 2016 and 2021). The District may also have as many as 13,184 additional 5-10 year olds enrolled in the public school system as well (a 36% increase between 2016 and 2021).

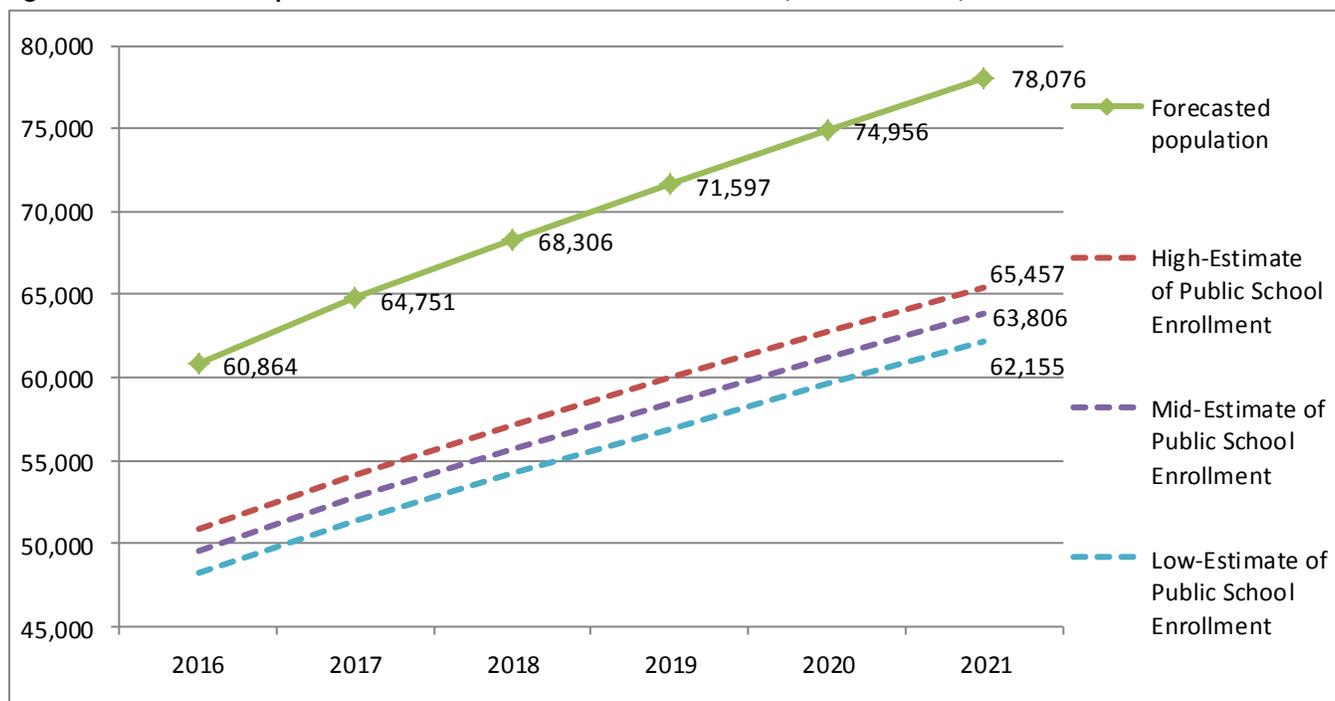
**Table 5: Forecasted Population and Estimated Public School Students, 3-10 Year Olds, 2016-2021**

	2016	2017	2018	2019	2020	2021
Forecasted 3-4 age population <sup>6</sup>	18,593	19,068	19,491	19,829	20,142	20,439
High-Level Estimate of 3-4 year olds in public school <sup>7</sup>	14,558	14,930	15,261	15,526	15,771	16,004
Mid-Level Estimate of 3-4 year olds in public school <sup>7</sup>	14,001	14,358	14,677	14,931	15,167	15,391
Low-Level Estimate of 3-4 year olds in public school <sup>7</sup>	13,443	13,786	14,092	14,336	14,563	14,777
Forecasted 5-10 age population <sup>6</sup>	42,271	45,683	48,815	51,768	54,814	57,637
High-Level Estimate of 5-10 year olds in public school <sup>7</sup>	36,269	39,196	41,883	44,417	47,030	49,453
Mid-Level Estimate of 5-10 year olds in public school <sup>7</sup>	35,508	38,374	41,005	43,485	46,044	48,415
Low-Level Estimate of 5-10 year olds in public school <sup>7</sup>	34,747	37,551	40,126	42,553	45,057	47,378

<sup>6</sup> DC Office of Planning forecasted age -specific population forecasts

<sup>7</sup> DME applied the age-specific % private school enrollment from the 2010-2014 American Community Survey (ACS) to the OP forecasts to estimate the number of children in public school. See Appendix 3 for ACS age-specific private school enrollment and the margins of error.

**Figure 20: Forecasted Population and Estimated Public School Students, 3-10 Year Olds, 2016-2021**



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

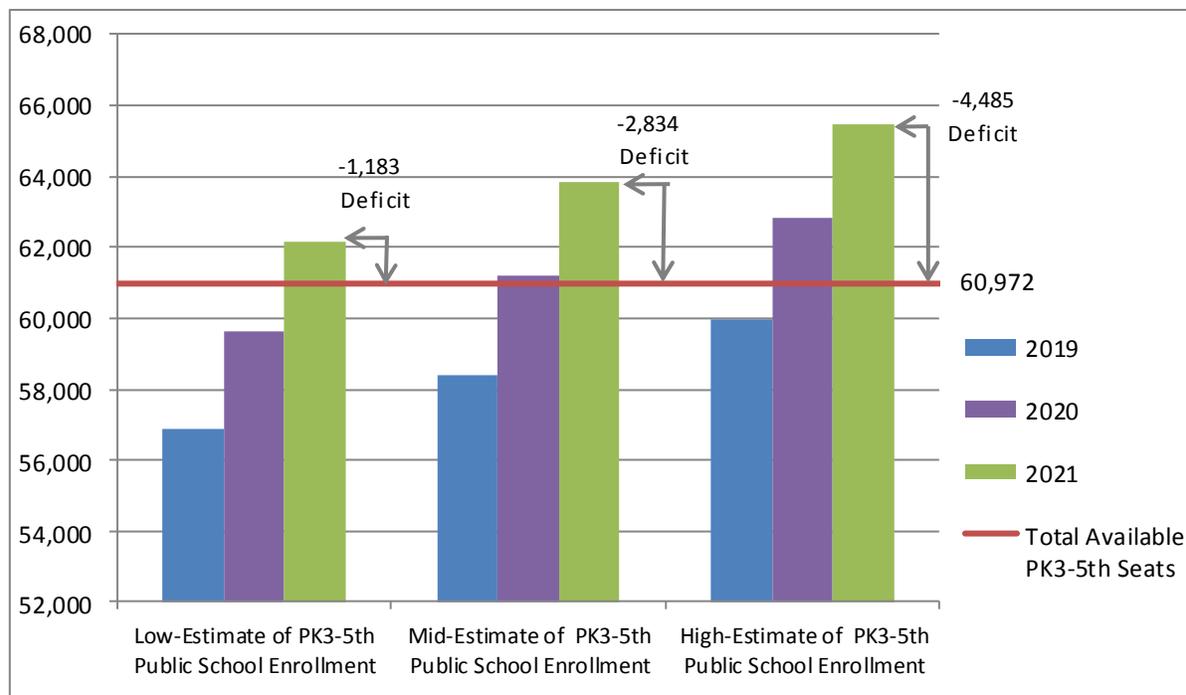
Table 6 shows the estimated number of PK3—5th grade seats by sector and ward in SY2015-16. The number of grade-specific seats was calculated by taking the total school programmatic capacities discussed in Table 1 and adjusting them to reflect only grades PK3—5th, rather than the full building capacity 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 SY2015-16 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 facility resulting in an increase or decrease in capacity and seats; or if new schools or campuses open or close<sup>8</sup>). Using this method, there were 34,569 DCPS and 26,403 public charter school PK—5th grade seats, totaling 60,972 seats (Table 6).

**Table 6: Estimated Number of PK3—5th Grade Seats, by Ward of School, SY15-16**

Ward	# DCPS Seats (based on capacity)	# PCS Seats (based on capacity)
Ward 1	3,063	994
Ward 2	1,467	142
Ward 3	3,792	0
Ward 4	5,676	3,897
Ward 5	3,319	9,600
Ward 6	6,469	2,484
Ward 7	4,962	3,388
Ward 8	5,820	5,898
<b>Grand Total</b>	<b>34,569</b>	<b>26,403</b>

Looking out to 2021, by applying the private school discount rate estimates to the OP forecasted population there will be between 62,155 and 65,457 3-10 year old public school students (see Figure 20). If the District grows this amount and if the city keeps the same supply of elementary schools with the same grade spans and facilities as they have in SY2015-16, then there may be a deficit of between 1,183 and 4,485 seats in our current facility inventory (Figure 21).

**Figure 21: Comparison of PK3—5th Grade Seats in 2021 Based on Schools as of SY15-16**



<sup>8</sup> Based on future projections, there may be as many as 833 additional PK3-5th grade seats by 2021.

Map 1 Legend, Location of school buildings offering grades PK3—5th in SY2015-16

Label #	School Name(s)	Grades Served
1	Achievement Prep PCS – Wahler Place Middle	4th-8th
2	Aiton ES	PK3-5th
3	Amidon-Bowen ES	PK3-5th
4	AppleTree Early Learning PCS – Columbia Heights	PK3-PK4
5	AppleTree Early Learning PCS – Douglas Knoll (Southeast)	PK3-PK4
6	AppleTree Early Learning PCS – Lincoln Park	PK3-PK4
7	AppleTree Early Learning PCS – Oklahoma Ave	PK3-PK4
8	AppleTree Early Learning PCS – Parklands (Southeast)	PK3-PK4
9	AppleTree Early Learning PCS – Southwest	PK3-PK4
10	Bancroft ES; Briya PCS	PK3-5th: PK3-4th: Adult
11	Barnard ES	PK3-5th
12	BASIS DC PCS	5th-11th
13	Beers ES	PK3-5th
14	Brent ES	PK3-5th
15	Bridges PCS – Taylor St (Main Campus)	PK3-3rd
16	Bridges PCS (Secondary)	PK3-3rd
17	Bridges PCS @ Sharpe	PK3-3rd
18	Brightwood EC	PK3-8th
19	Briya PCS – Georgia Ave	PK3-4th: Adult
20	Briya PCS – Ontario Rd (Main Campus)	PK3-4th: Adult
21	Browne EC	PK3-8th
22	Bruce-Monroe ES @ Park View	PK3-5th
23	Bunker Hill ES	PK3-5th
24	Burroughs ES	PK3-5th
25	Burrville ES	PK3-5th
26	C.W. Harris ES	PK3-5th
27	Capital City PCS – MS; Capital City PCS – Lower School	5th-8th: PK3-4th
28	Capitol Hill Montessori @ Logan	PK3-8th
29	Cedar Tree Academy PCS	PK3-KG
30	Center City PCS – Brightwood	PK4-8th
31	Center City PCS – Capitol Hill	PK4-8th
32	Center City PCS – Congress Heights	PK4-8th
33	Center City PCS – Petworth	PK4-8th
34	Center City PCS – Shaw	PK4-8th
35	Center City PCS – Trinidad	PK4-8th
36	Cleveland ES	PK3-5th
37	Creative Minds International PCS	PK3-5th
38	DC Bilingual PCS	PK3-5th
39	DC Prep PCS – Anacostia Elementary	PK3-PK4
40	DC Prep PCS – Benning Elementary; DC Prep PCS – Benning Middle	PK3-3: 4th-6th
41	DC Prep PCS – Edgewood Elementary	PK3-3rd
42	DC Prep PCS – Edgewood Middle	4th-8th
43	DC Scholars PCS	PK3-6th

Map 1 Legend, Location of school buildings offering grades PK3—5th in SY2015-16

Label #	School Name(s)	Grades Served
44	Democracy Prep Congress Heights PCS	PK3-6th
45	Dorothy Heights ES	PK3-5th
46	Drew ES	PK3-5th
47	E.L. Haynes PCS – ES	PK3-4th
48	E.L. Haynes PCS – MS	5th-8th
49	Eagle Academy PCS – New Jersey Avenue	PK3-3rd
50	Eagle Academy PCS – The Eagle Center at McGogney	PK3-3rd
51	Early Childhood Academy PCS	PK3-3rd
52	Early Childhood Academy PCS	PK3-3rd
53	Eaton ES	PK4-5th
54	Elsie Whitlow Stokes Community Freedom PCS	PK3-5th
55	Excel Academy PCS	PK3-7th
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 Elementary Academy	PK3-5th
61	Friendship PCS – Woodridge Elementary; Friendship PCS – Woodridge Middle	PK3-3rd: 4th-8th
62	Garfield ES	PK3-5th
63	Garrison ES	PK3-5th
64	H.D. Cooke ES	PK3-5th
65	Harmony DC PCS – School of Excellence	KG-5th
66	Hearst ES	PK3-5th
67	Hendley ES	PK3-5th
68	Hope Community PCS – Lamond	PK3-5th
69	Hope Community PCS – Tolson	PK3-8th
70	Houston ES	PK3-5th
71	Hyde-Addison ES	PK3-5th
72	Ideal Academy PCS – North Capitol Street Campus ES	PK3-8th
73	Ingenuity Prep PCS	PK3-2nd
74	Inspired Teaching Demonstration PCS; Lee Montessori PCS	PK3-7th: PK3-2nd
75	J.O. Wilson ES	PK3-5th
76	Janney ES	PK4-5th
77	Ketcham ES	PK3-5th
78	Key ES	PK4-5th
79	Kimball ES	PK3-5th
80	King ES	PK3-5th
81	KIPP DC – AIM Academy; KIPP DC – Discover Academy; KIPP DC – Heights Academy	5th-8th: PK3-KG: 1st-4th
82	KIPP DC – Connect Academy; KIPP DC – Spring Academy; KIPP DC – Northeast Academy	PK3-KG: 1st-2nd: 5th-7th
83	KIPP DC – Grow Academy; KIPP DC – Lead Academy; KIPP DC – WILL Academy	PK3-KG: 1st-4th: 5th-8th
84	KIPP DC – KEY Academy; KIPP DC – LEAP Academy; KIPP DC – Promise Academy	5th-8th: PK3-PK4: KG-4th
85	KIPP DC – Quest Academy; KIPP DC – Arts & Tech Academy; KIPP DC – Valor Academy	1st-4th: PK3-KG: 5th-6th
86	Lafayette ES	PK4-5th

Map 1 Legend, Location of school buildings offering grades PK3—5th in SY2015-16

Label #	School Name(s)	Grades Served
87	Langdon ES	PK3-5th
88	Langley ES	PK3-5th
89	LaSalle-Backus EC	PK3-8th
90	Latin American Montessori Bilingual (LAMB) PCS – Missouri Ave	PK3-5th
91	Leckie ES	PK3-6th
92	Ludlow-Taylor ES	PK3-5th
93	Malcolm X ES @ Green; Achievement Prep PCS – Mississippi Ave Elementary	PK3-5th: KG-3rd
94	Mann ES	PK4-5th
95	Marie Reed ES	PK3-5th
96	Mary McLeod Bethune PCS (16th Street)	PK3-KG
97	Mary McLeod Bethune PCS (Slowe Campus)	PK3-8th
98	Maury ES	PK3-5th
99	Meridian PCS (13th Street)	PK3-5th
100	Miner ES	PK3-5th
101	Monument Academy	5th-5th
102	Moten ES	PK3-5th
103	Mundo Verde Bilingual PCS	PK3-4th
104	Murch ES	PK4-5th
105	Nalle ES	PK3-5th
106	Noyes ES	PK3-5th
107	Orr ES	PK3-5th
108	Oyster Adams Bilingual School (Adams)	4th-8th
109	Oyster Adams Bilingual School (Oyster)	PK4-3rd
110	Patterson ES	PK3-5th
111	Payne ES	PK3-5th
112	Peabody ES	PK3-KG
113	Perry Street Preparatory PCS; Latin American Montessori Bilingual (LAMB) PCS	PK3-8th: PK3-5th
114	Plummer ES	PK3-5th
115	Potomac Preparatory PCS	PK3-8th
116	Powell ES	PK3-5th
117	Randle Highlands ES	PK3-5th
118	Raymond EC	PK3-8th
119	Roots PCS	PK3-5th
120	Roots PCS	PK3-5th
121	Ross ES	PK3-5th
122	Savoy ES	PK3-5th
123	School Without Walls @ Francis-Stevens	PK3-8th
124	School-Within-School @ Goding	PK3-4th
125	Seaton ES	PK3-5th
126	Sela PCS; Shining Stars Montessori Academy PCS	PK3-2nd: PK3-4th
127	Shepherd ES	PK3-5th
128	Simon ES	PK3-5th
129	Smothers ES	PK3-5th

Map 1 Legend, Location of school buildings offering grades PK3—5th in SY2015-16

Label #	School Name(s)	Grades Served
130	Stanton ES	PK3-5th
131	Stoddert ES	PK4-5th
132	Takoma EC	PK3-8th
133	The Children's Guild DC PCS	KG-8th
134	Thomas ES	PK3-5th
135	Thomson ES	PK3-5th
136	Truesdell EC	PK3-8th
137	Tubman ES	PK3-5th
138	Turner ES	PK3-5th
139	Two Rivers PCS – Elementary (4th Street)	PK3-5th
140	Two Rivers PCS – Young	PK3-1st
141	Tyler ES	PK3-5th
142	Van Ness ES	PK3-KG
143	Walker-Jones EC	PK3-8th
144	Washington Latin PCS – MS	5th-8th
145	Washington Yu Ying PCS	PK3-5th
146	Watkins ES	1st-5th
147	West EC	PK3-8th
148	Wheatley EC	PK3-8th
149	Whittier EC	PK3-8th
150	William E. Doar, Jr. PCS for the Performing Arts	PK3-8th