

NYC Department of Education | Office of District Planning

# District 32 Data Summary

2021-2022 Strategic Planning Data Considerations

JUNE 2020

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## ENROLLMENT

### UNPACKING ENROLLMENT TRENDS

- Enrollment is a key data component in the District Planning Process. Enrollment data helps us identify trends, make hypotheses, and understand where we need to dig deeper in partnership with our stakeholders.
- Guiding Questions:
  - What has happened to district enrollment over the last six years overall? By incoming grade (i.e. K and sixth)? Are there notable trends?
  - Are students remaining in the district to attend school? If not, where are they going?
  - Are students residing in other districts enrolling in large numbers? Does this vary by grade level?

### DISTRICT ENROLLMENT (DISTRICT AND CHARTER), 2014-15 TO 2019-20

	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
<b>3K</b>	0	0	0	0	0	119
<b>PK</b>	433	362	322	315	287	267
<b>K-5</b>	7,833	7,443	7,120	6,869	6,675	6,649
<b>6-8</b>	3,823	3,756	3,730	3,670	3,618	3,705
<b>9-12</b>	2,761	3,052	3,196	3,228	3,169	3,375
<b>Total</b>	<b>14,850</b>	<b>14,613</b>	<b>14,368</b>	<b>14,082</b>	<b>13,749</b>	<b>14,115</b>
<b>% Change YoY</b>		-1.6%	-1.7%	-2.0%	-2.4%	2.7%

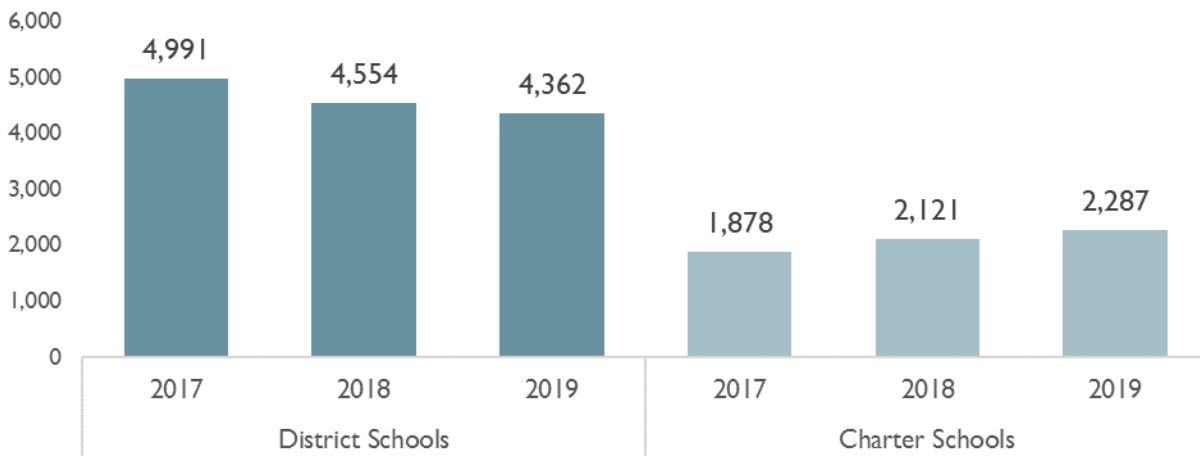
	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
<b>K</b>	1,301	1,175	1,101	1,065	1,018	1,075
<b>6</b>	1,219	1,296	1,312	1,184	1,222	1,290

Source: Audited Register and Charter Headcount; includes district and charter school enrollment

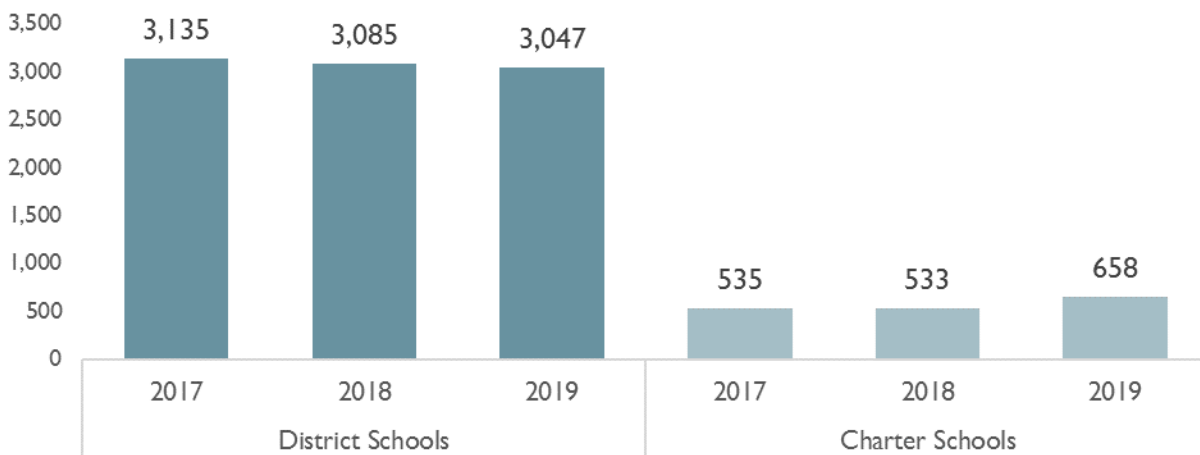
- After 4 years of a decline in total enrollment in District 32, there was a slight increase in enrollment between the 2018-19 school year and the 2019-20 school year.
- Total pre-K and K-5 enrollment in District 32 continued to decline while total enrollment for grades 6-8 and grades 9-12 increased between the 2018-19 and 2019-20 school years.

**DISTRICT AND CHARTER ENROLLMENT**

K-5 Enrollment - District/Charter Breakdown



6-8 Enrollment - District/Charter Breakdown



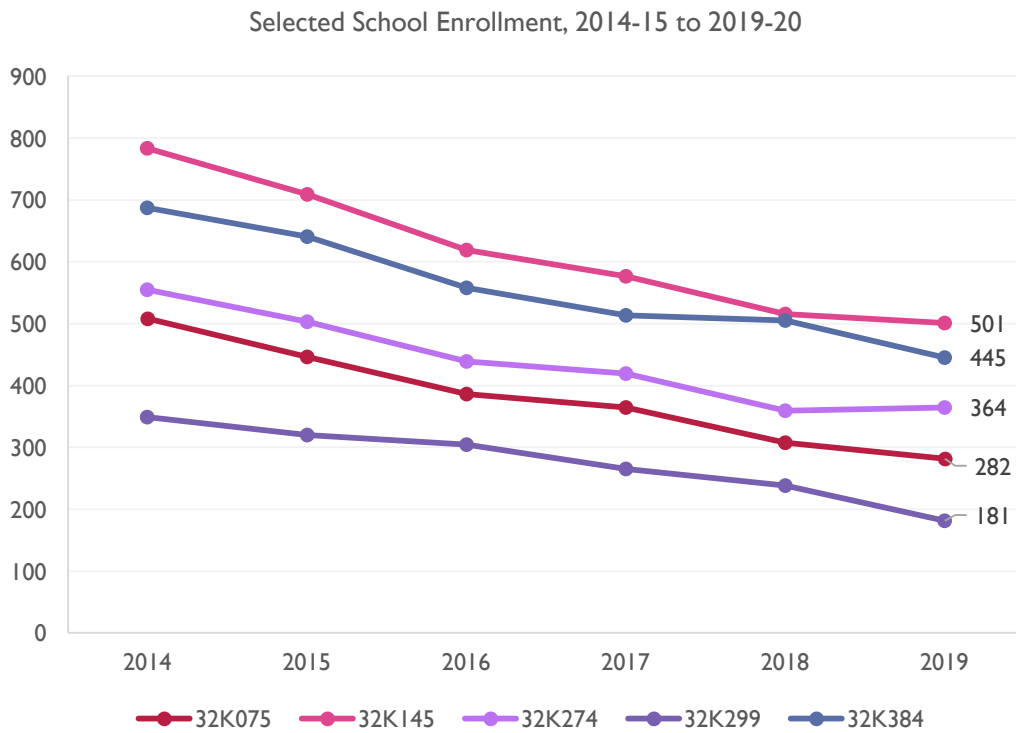
Source: Audited Register and Charter Headcount

- In District 32, district schools continue to see a decline in total enrollment across grades K-5 while charter schools have seen an increase in K-5 enrollment over the same period of time.
- Enrollment in grades 6-8 has remained relatively stable over the past three years for district schools in District 32, whereas charter school enrollment across grades 6-8 has increased.

### SCHOOLS BY ENROLLMENT RANGE

Enrollment Range	Count of Schools								
	ECC	ES	MS	HS	Transfer HS	K-8	6-12	K-12	Total
0-249	0	2	0	0	1	0	0	0	3
250-399	0	5	5	5	0	0	0	0	15
400+	0	4	1	1	0	2	1	0	9

Source: Audited Register; includes district schools only; excludes pre-K centers.



Source: Audited Register

- 18 of 27 schools in District 32 have total enrollment that is below 400 students.
  - Three schools have a total enrollment lower than 250 students.
- The above chart shows the five schools serving elementary and middle school students with the most significant decline in enrollment.

## AVERAGE CLASS SIZE

### District 32

	2015-16	2016-17	2017-18	2018-19	2019-20
<b>PK</b>	11	11	10	11	11
<b>K-5</b>	23	23	22	22	22
<b>6-8</b>	25	25	25	25	25

### Brooklyn

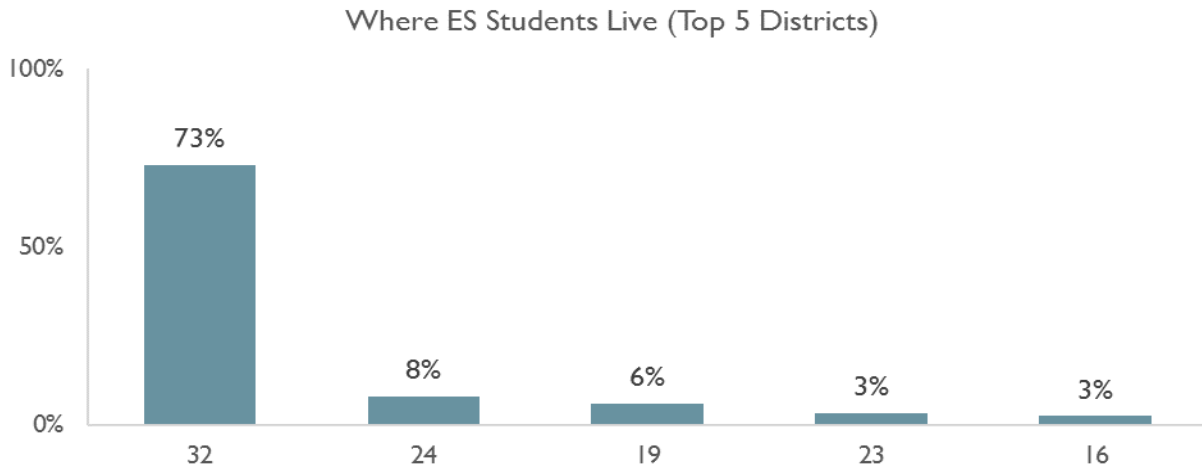
	2015-16	2016-17	2017-18	2018-19	2019-20
<b>PK</b>	15	16	15	15	15
<b>K-5</b>	25	24	24	24	24
<b>6-8</b>	26	27	27	27	27

Source: DOE Class Size Reports for K-5/6-8 and Audited Register for PK; includes only district general education and integrated co-teaching (ICT); excludes self-contained/special classes

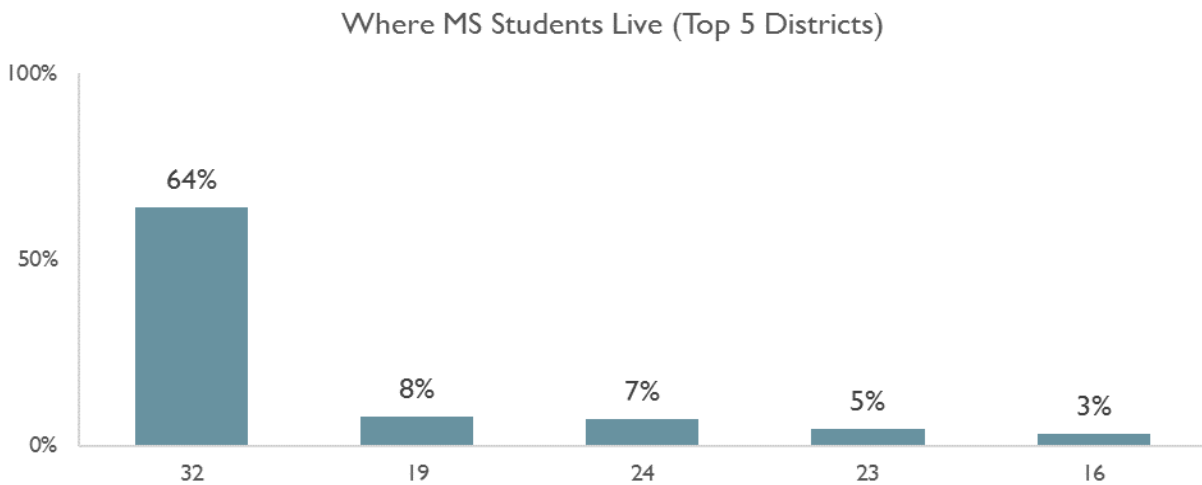
- Average class size across grades is an important factor in understanding district-wide seat availability or crowding.
- Average class sizes in grades K-8 in District 32 are below the average class sizes across Brooklyn.
- Pre-K average class size in District 32 is well-below the Brooklyn average.

## WHERE DISTRICT 32 ENROLLED STUDENTS LIVE

### Elementary School Students – District of Residence



### Middle School Students – District of Residence



Source: 2019-20 Audited Register; includes students attending both district and charter schools in the district.

- More than 70% of District 32 elementary school students are also residents of District 32.
  - Approximately 20% of District 32 elementary school students are residents of nearby Districts 24, 19, 23, and 16.
- More than 60% of District 32 middle school students are also residents of District 32.
  - Over 35% of District 32 middle school students are residents of other districts.



**WHERE DISTRICT 32 RESIDENTS ARE ENROLLED**

**By School Level**

		K-5		6-8		9-12		Total	
		#	%	#	%	#	%	#	%
<b>In District</b>	<b>Total</b>	4,864	78%	2,376	73%	1,537	34%	8,777	63%
<b>Outside District</b>	<b>Total</b>	1,354	22%	900	27%	2,997	66%	5,251	37%
<b>Total Residents</b>		<b>6,218</b>	<b>100%</b>	<b>3,276</b>	<b>100%</b>	<b>4,534</b>	<b>100%</b>	<b>14,028</b>	<b>100%</b>

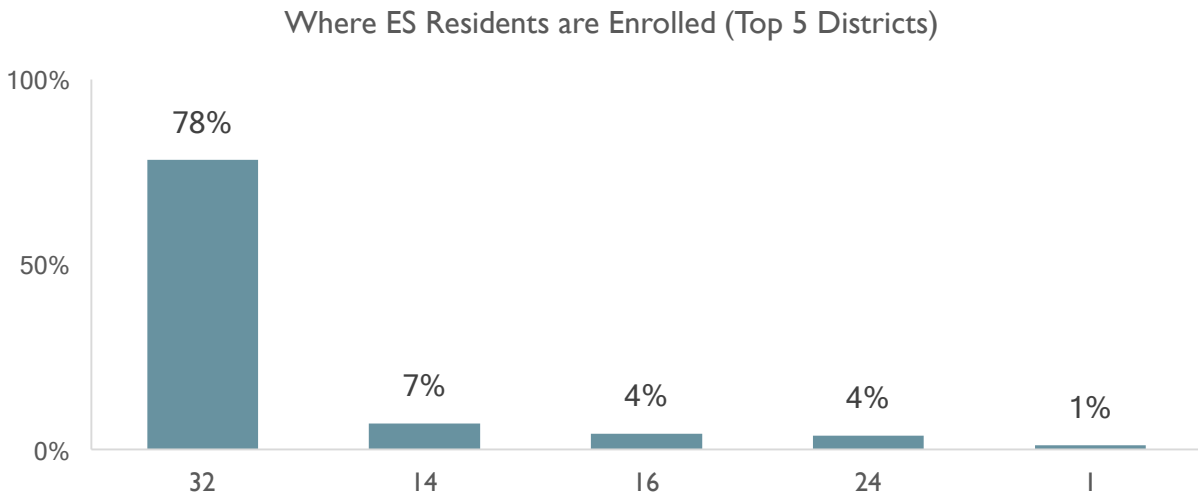
**By School Level and District vs. Charter**

		K-5		6-8		9-12		Total	
		#	%	#	%	#	%	#	%
<b>In District</b>	<b>District</b>	3,570	57%	2,024	62%	1,080	24%	6,674	48%
	<b>Charter</b>	1,294	21%	352	11%	457	10%	2,103	15%
<b>Outside District</b>	<b>District</b>	903	15%	577	18%	2,605	57%	4,085	29%
	<b>Charter</b>	451	7%	323	10%	392	9%	1,166	8%
<b>Total Residents</b>		<b>6,218</b>	<b>100%</b>	<b>3,276</b>	<b>100%</b>	<b>4,534</b>	<b>100%</b>	<b>14,028</b>	<b>100%</b>

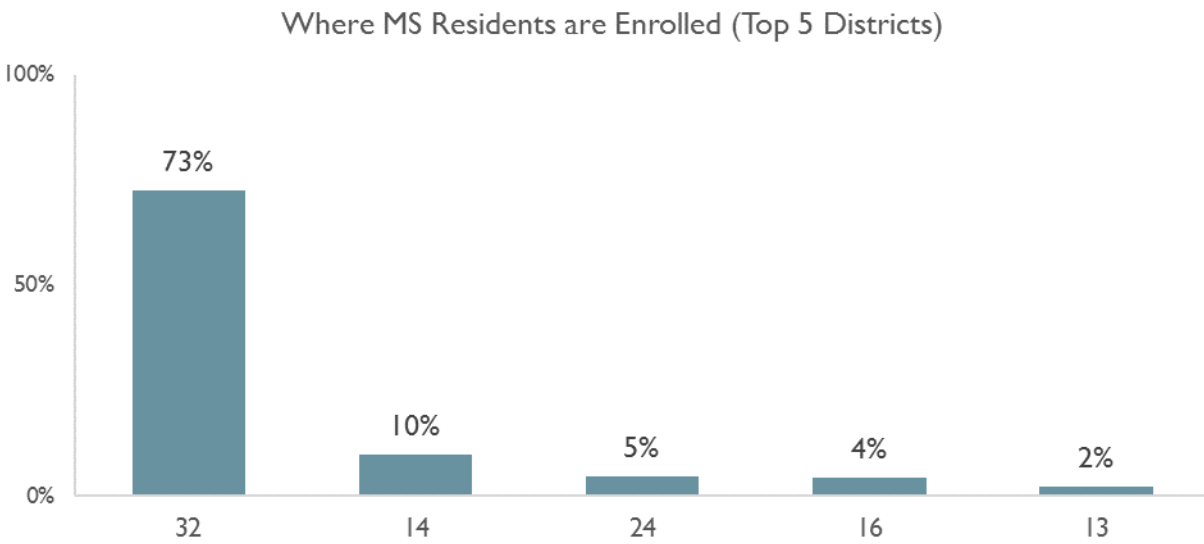
Source: 2019-2020 Audited Register

- Almost 80% of elementary school residents in District 32 choose to attend district or charter schools within the district.
  - About 20% of District 32 elementary school residents attend charter schools in the district.
  - Over 20% of students choose to leave District 32 for other district or charter schools.
  
- About 7 in 10 District 32 middle school residents choose to attend district or charter schools within the district.
  - About 30% of District 32 middle school residents are choosing to attend other district schools outside of District 32.

**Elementary School Residents – Districts Enrolled**



**Middle School Residents – Districts Enrolled**



Source: 2019-2020 Audited Register; includes students attending both district and charter schools

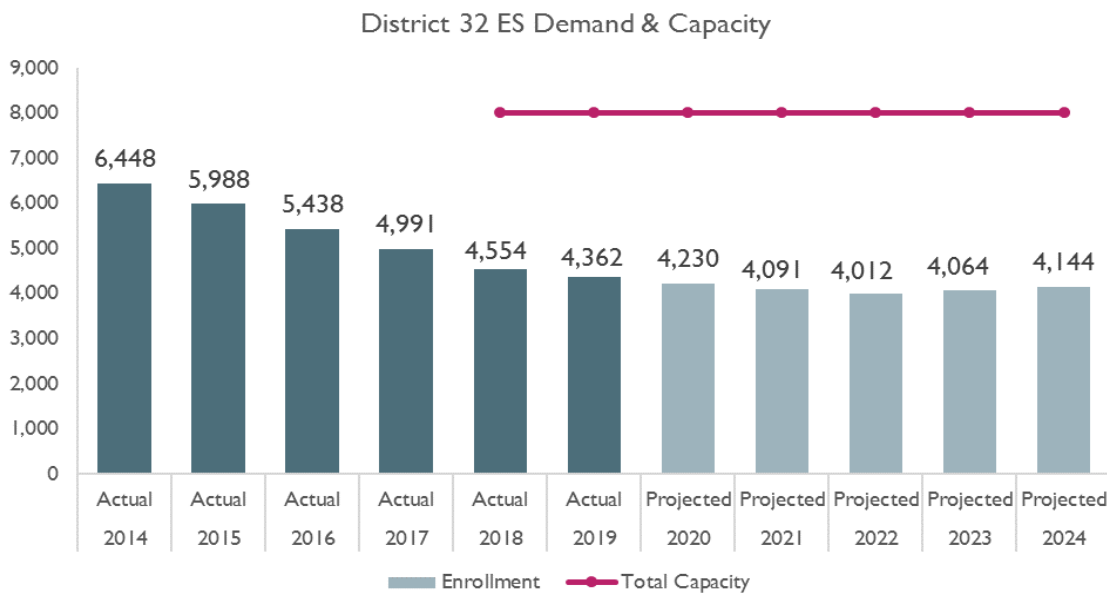
- Nearly 80% of District 32 elementary school residents remain in district or charter schools located within District 32 with about 15% of students choosing to attend schools in neighboring districts.
- A smaller share of District 32 middle school residents (73%) attend school in District 32.
  - About 20% of middle school students attend school in neighboring Districts 14, 24, and 16.

## SEAT DEMAND

### CAPACITY WITHIN THE DISTRICT

- We consider the total number of students and the total number of seats to see if there is a net surplus or deficit of seats within a district.
- Some districts, and particular areas within a district, struggle with over-utilization, while others have excess capacity.
- Excess seats across a district can sometimes lead to low enrollment and unpredictable enrollment trends for individual schools.
- Guiding Questions:
  - Are there certain parts of the district with significant excess space? Areas of crowding or over-utilization?
  - How does projected enrollment compare to capacity?
  - Do projections align with current, on-the-ground experience?
  - Are some schools programming class sizes more efficiently than others? Is the district overall programming efficiently?

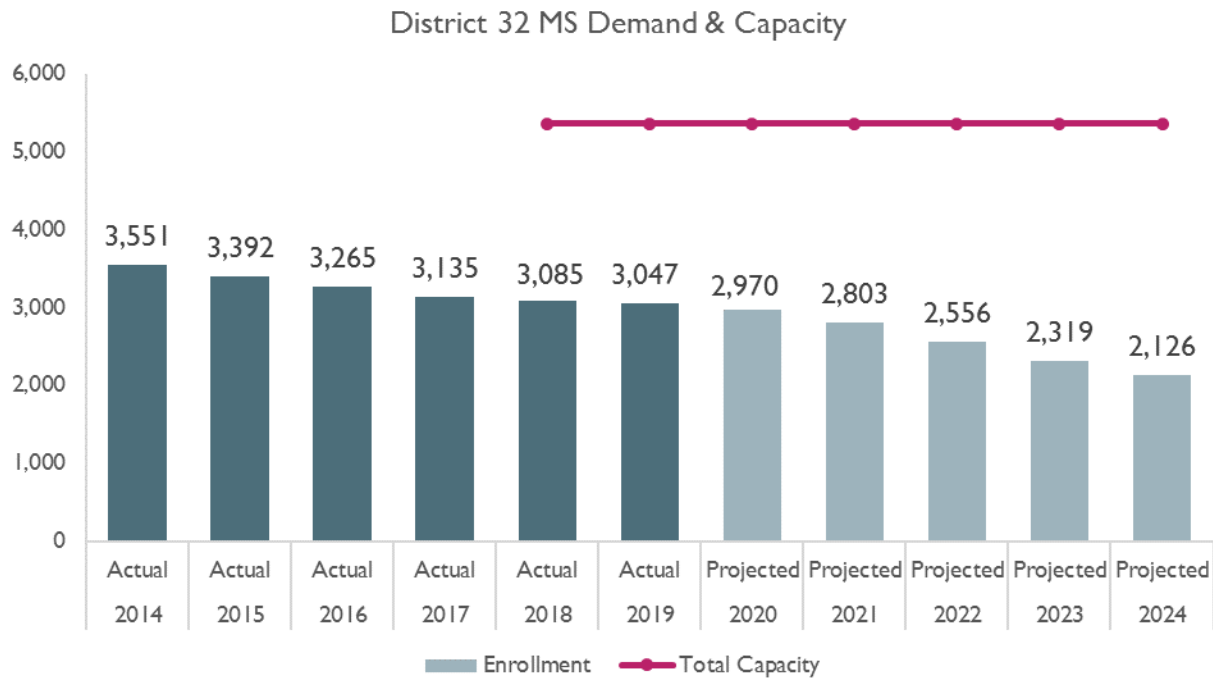
### ELEMENTARY SCHOOL SEAT NEED



Source: Enrollment based on Audited Register for years 2015 through 2019 and projections for 2020 onward; capacity based on 2018-2019 Blue Book with adjustments for known future capacity changes; excludes charter enrollment and capacity.

- Total elementary school enrollment is projected to continue to decline through 2022 and is projected to increase slightly in 2023 and 2024.
- The total number of excess elementary school seats in District 32 is projected to remain nearly double the total enrollment.

**MIDDLE SCHOOL SEAT NEED**



Source: Enrollment based on Audited Register for years 2015 through 2019 and projections for 2020 onward; capacity based on 2018-2019 Blue Book with adjustments for known future capacity changes; excludes charter enrollment and capacity.

- Total middle school enrollment in District 32 is projected to continue to decline through 2024.
- District-wide middle school seat capacity is projected to remain nearly double the total number of students.

**SECTION COUNTS ANALYSIS**

Grade Level	GE/ICT/G&T Enrollment	# of Schools Serving Grade	Minimum # of Sections*	Actual Sections	Difference	% Over Minimum
K	618	13	25	29	4	16%
1	623	13	23	28	5	22%
2	647	13	24	31	7	29%
3	641	13	23	31	8	35%
4	727	13	26	32	6	23%
5	786	14	29	35	6	21%
6	899	9	33	36	3	9%
7	954	9	35	38	3	9%
8	928	9	34	36	2	6%
<b>Total K-5</b>	<b>4,042</b>	<b>14</b>	<b>150</b>	<b>186</b>	<b>36</b>	<b>24%</b>
<b>Total 6-8</b>	<b>2,781</b>	<b>9</b>	<b>102</b>	<b>110</b>	<b>8</b>	<b>8%</b>
<b>Total K-8</b>	<b>6,823</b>	<b>20</b>	<b>252</b>	<b>296</b>	<b>44</b>	<b>17%</b>

\* Based on class size assumptions of 25 for K, 28 for grades 1-8 for efficiency planning considerations

Source: DOE Class Size Reports for K-5/6-8 and Audited Register for PK; includes only district general education and integrated co-teaching (ICT); excludes self-contained/special classes

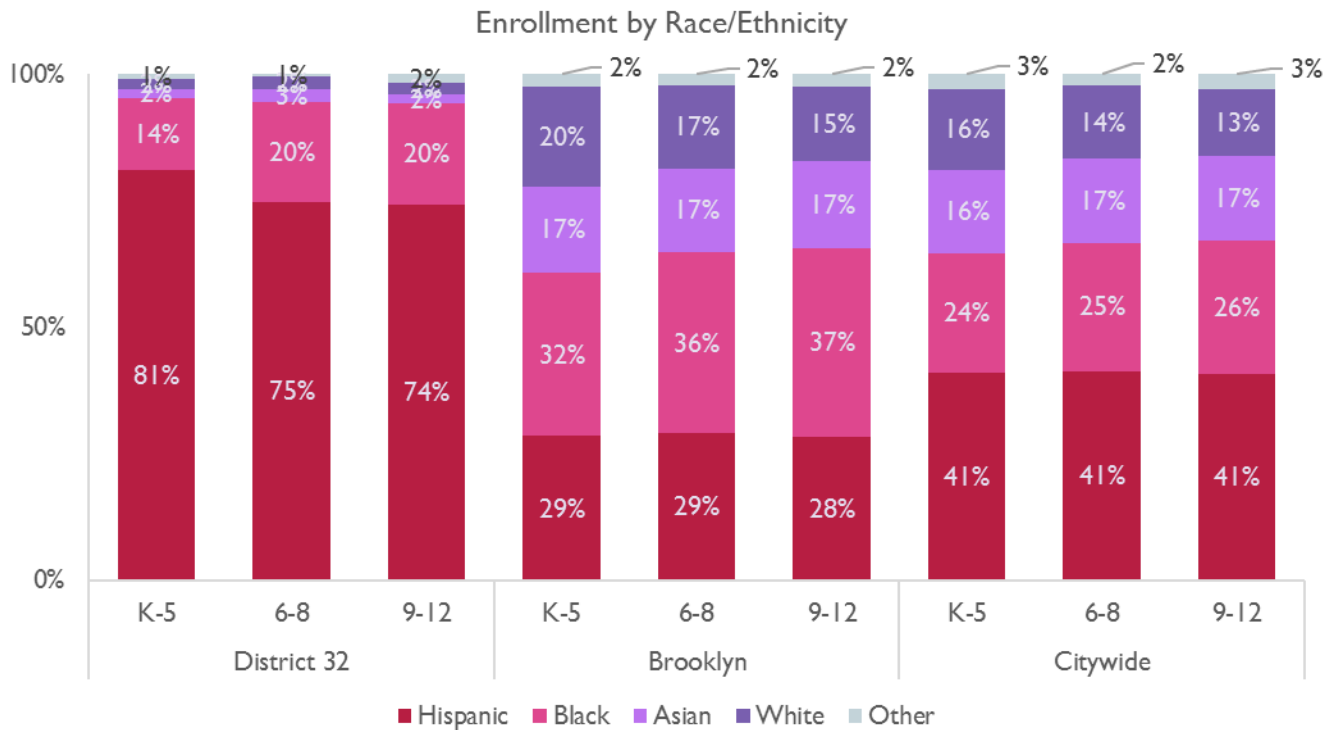
- The above section count analysis is a helpful way to think about district-wide seat availability and efficiency of programming, based upon sections or GE/ICT class counts.
- The total number of sections across grades K-8 in District 32 exceeds the number of sections required to serve students at class size maximums.
  - This suggests that there are significantly more seats than residents and/or students across grades, across the district.
  - This is particularly true across grades K-5, where in some cases there are as many as eight more sections than needed to serve students.

## DEMOGRAPHICS & STUDENT POPULATION

### STUDENTS SERVED IN THE DISTRICT

- Demographic data helps us understand the landscape of a district and the different communities served.
- Guiding Questions:
  - How do the demographics of the district compare to the borough? To the City? Has this changed over time?
  - Are there any notable trends in the district’s demographics?
  - How the demographics of individual schools compare with other schools in the district?
  - Does the district have a need for more District 75 seats?

### RACE/ETHNICITY

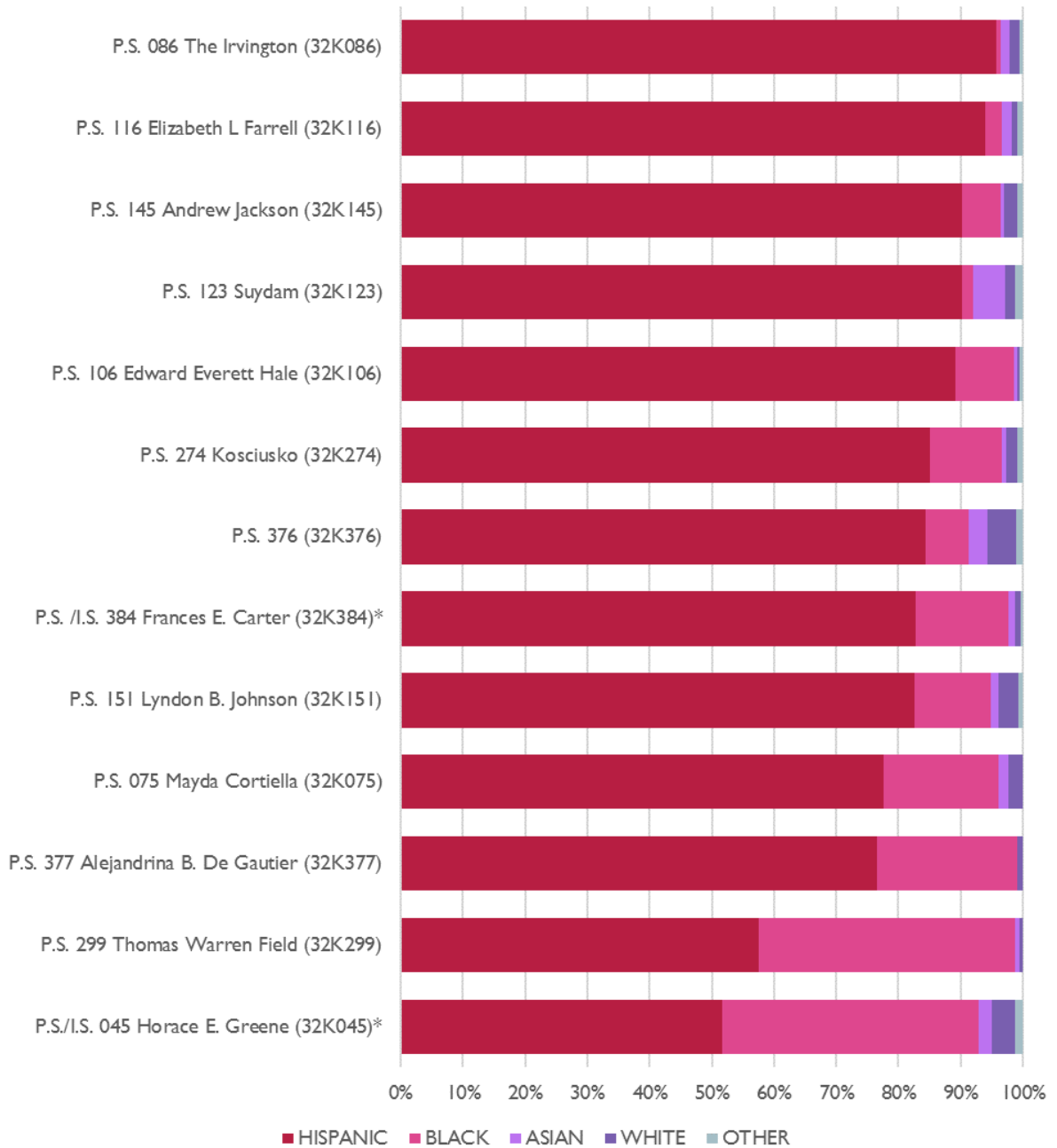


Source: 2019-2020 Audited Register; includes both district and charter schools

- Across grades K-12, District 32 serves a significantly larger share of students identifying as Hispanic than the borough or City averages.
- On average there are significantly fewer students identifying as Black, Asian, or White across grades K-12 in District 32 when compared to the borough or City averages.

- Every school serving elementary school students in District 32 serves a single racial majority.
- Several schools mirror the district-wide demographic averages and trends.

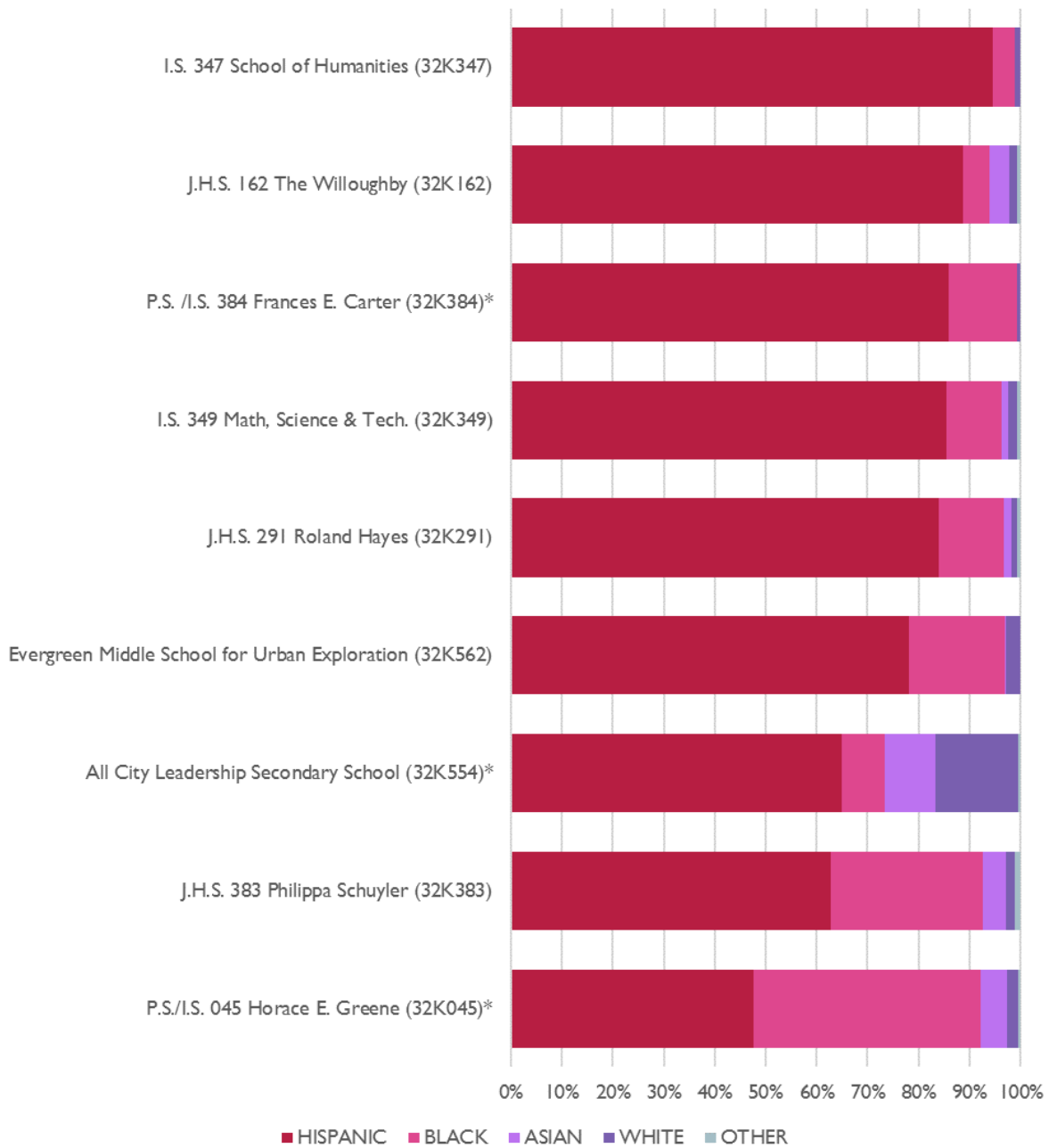
Race/Ethnicity, Schools Serving ES Grades



Source: 2019-2020 Audited Register; for schools also serving other grades (marked with “\*”) breakdown includes only students enrolled in grades K-5.

- District 32 schools serving middle school students have slightly more demographic balance, although all but one school serve a student population that identifies predominantly as Hispanic.

Race/Ethnicity, Schools Serving MS Grades

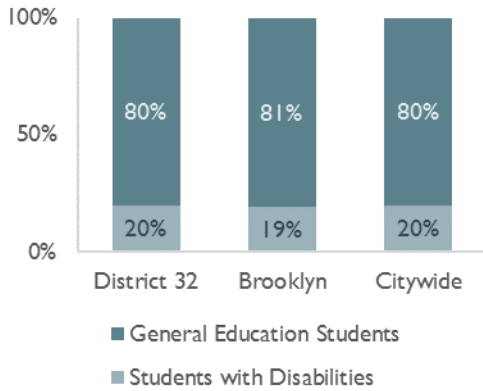


Source: 2019-2020 Audited Register; for schools also serving other grades (marked with “\*”) breakdown includes only students enrolled in grades 6-8.



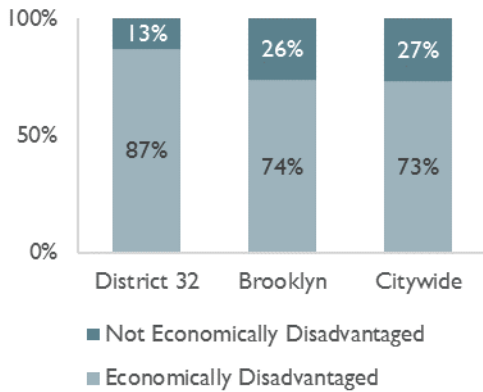
## STUDENTS WITH DISABILITIES, ENGLISH LANGUAGE LEARNERS, AND STUDENTS WHO ARE ECONOMICALLY DISADVANTAGED

Students with Disabilities (K-8)



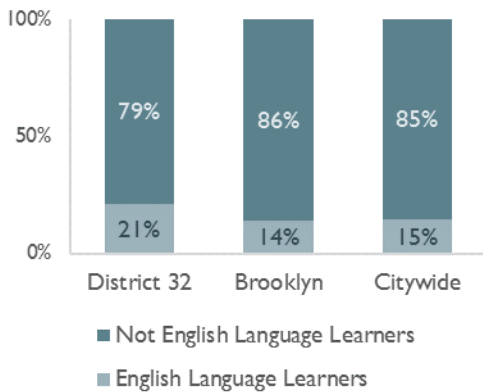
- About 20% of District 32 students have Individualized Education Programs (IEPs). This is on par with the borough and Citywide averages.

Economically Disadvantaged (K-8)



- More than 8 in 10 District 32 students are considered economically disadvantaged based upon FRL or HRA benefits.
- This is significantly above the borough and Citywide averages.

English Language Learners (K-8)



- About 21% of District 32 students qualify for English Language Learner (ELL) services.
- District 32 has significantly more students qualifying for ELL services on average than the borough and the City.

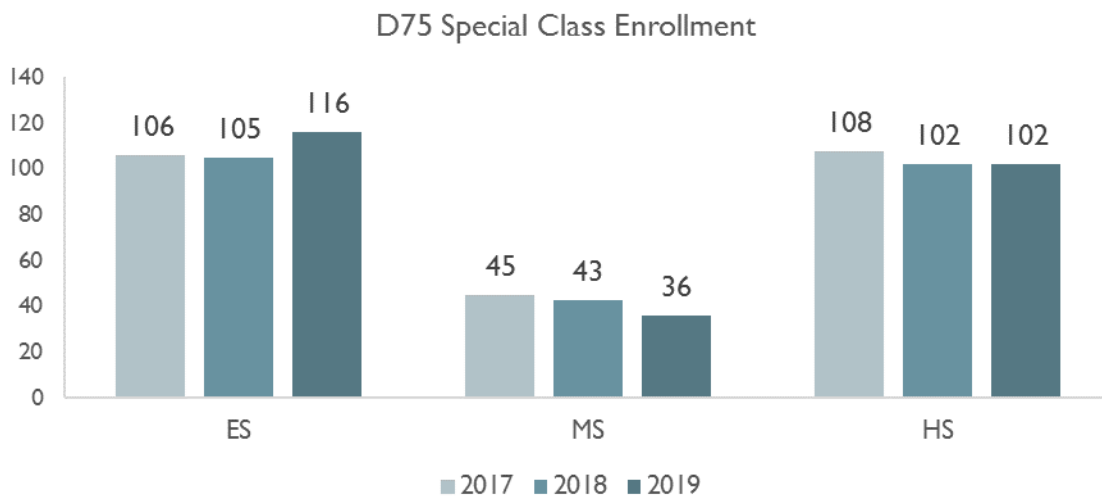
Source: 2019-2020 Audited Register; includes district and charter schools

**DISTRICT 75**

	ES			MS			HS		
	District	Borough	City	District	Borough	City	District	Borough	City
<b>Capacity</b>	110	2,964	11,676	32	1,322	5,086	14	2,212	8,488
<b>Residents</b>	116	2,566	10,145	36	1,178	4,507	102	2,017	7,621
<b>Deficit</b>	-6	No Deficit	No Deficit	-4	No Deficit	No Deficit	-88	No Deficit	No Deficit

Source: 2019-2020 Audited Register; includes only students enrolled in D75 special classes

- District 75 serves students in a variety of settings across District 32 based on the IEPs of individual students.
- There has been a slight increase in the number of elementary school students qualifying for District 75 settings in District 32 while the number of middle school and high school students has declined slightly since 2017.
- There is a marginal deficit of District 75 seats at the elementary and middle school levels in District 32 and a significant deficit of high school seats.



Source: 2019-2020 Audited Register; includes only students enrolled in D75 special classes

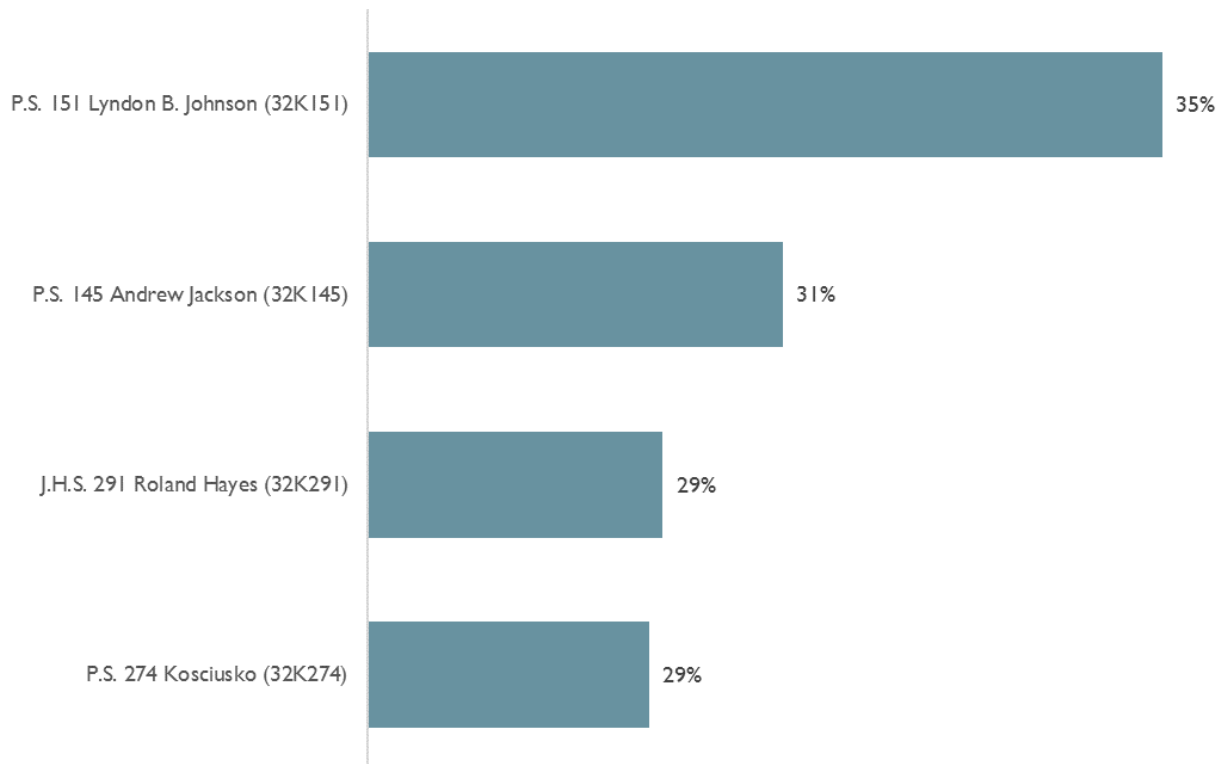
## STUDENTS IN TEMPORARY HOUSING

	ES			MS			HS		
	District	Borough	City	District	Borough	City	District	Borough	City
# Students in Temp. Housing	917	11,371	42,202	399	5,423	19,874	334	6,143	21,785
% Students in Temp. Housing	14%	8%	9%	11%	8%	9%	10%	7%	7%

Source: 2019-2020 Audited Register; includes all students not in permanent housing (excluding students with unknown status)

- District 32 serves a larger percentage of students living in temporary housing across grades K-12 than the borough or City, particularly at the elementary school level.
- There are 4 schools in District 32 that serve a student population where more than 25% of students are living in temporary housing.

Schools Serving ES/MS Grades with 25% or More Students Living in Temporary Housing



Source: NYC DOE Report on Students in Temporary Housing, 2019

**SCHOOLS & PROGRAMS**

**SCHOOL TYPES AND PROGRAMS AVAILABLE TO STUDENTS**

- Understanding the landscape of schools, special programming, and offerings provides important data for identifying potential district needs.
- Guiding Questions:
  - For all programs, are sites geographically dispersed/accessible?
  - Are ASD Nest and/or Horizon programs available in the district? What grade levels do they serve?
  - Does the availability of DL/TBE programs align with ELL needs in the district?

	District Schools		Charter Schools		Total	
	District 32	Brooklyn	District 32	Brooklyn	District 32	Brooklyn
<b>ECC</b>	0	2	0	0	0	2
<b>ES</b>	11	207	3	50	14	257
<b>K-8</b>	2	36	1	21	3	57
<b>MS</b>	6	86	2	37	8	123
<b>6-12</b>	1	19	0	3	1	22
<b>K-12</b>	0	0	0	0	0	0
<b>HS</b>	6	96	2	17	8	113
<b>Transfer HS</b>	1	16	0	3	1	19
<b>YABC</b>	0	9	0	0	0	9
<b>PK</b>	0	23	0	0	0	23

Source: 2019-2020 Audited Register; split-sited charter schools under the same DBN counted separately if different school levels (e.g. K-5 and 6-8) are served at separate sites.

- District 32 serves students in 35 different school settings across grades K-12, inclusive of both district and charter schools.
- 26 of these schools serve students in grades K-8, including 1 secondary school that serves students in grades 6-12.

**SPECIAL PROGRAMS**

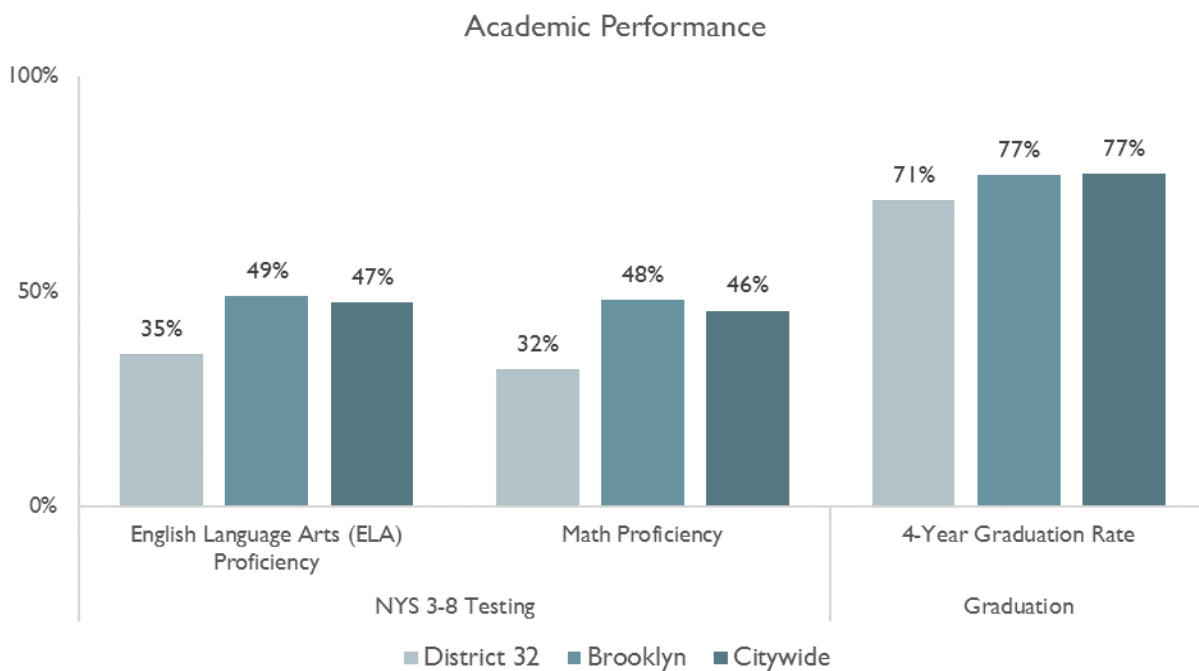
	District 32	Brooklyn
<b>Schools with ASD Program</b>	2	28
<i>Horizon</i>	2	11
<i>Nest</i>	-	16
<i>Horizon &amp; Nest</i>	-	-
<i>Intensive K/Nest</i>	-	1
<b>Schools with G&amp;T Programs</b>	1	30
<b>Schools with Bilingual Ed Programs</b>	14	104
<i>DL</i>	9	62
<i>TBE</i>	3	32
<i>DL/TBE</i>	2	10
<b>Bronx Plan Schools</b>	-	11

- District 32 serves students in a variety of different specialized programs across the district including nearly 15% of borough-wide bilingual education programs.
- The Office of District Planning seeks opportunities to match demand for programs with excess seats in district schools.

## SCHOOL PERFORMANCE

### HOW ARE SCHOOLS PERFORMING?

- School performance is one of the many metrics considered when assessing the potential needs of a district.
- Using a holistic approach to performance data is important, including academic performance on New York State ELA and Math tests and high school graduation rates, as well as Framework Scores for individual schools and other measures.
- Guiding Questions:
  - How do individual schools perform in comparison to similar schools, schools across the district, and schools within the borough and the city?
  - What are the demographics of the highest-performing schools? Are there ways to potentially expand access to these schools?
  - What other information is important to consider when evaluating performance?



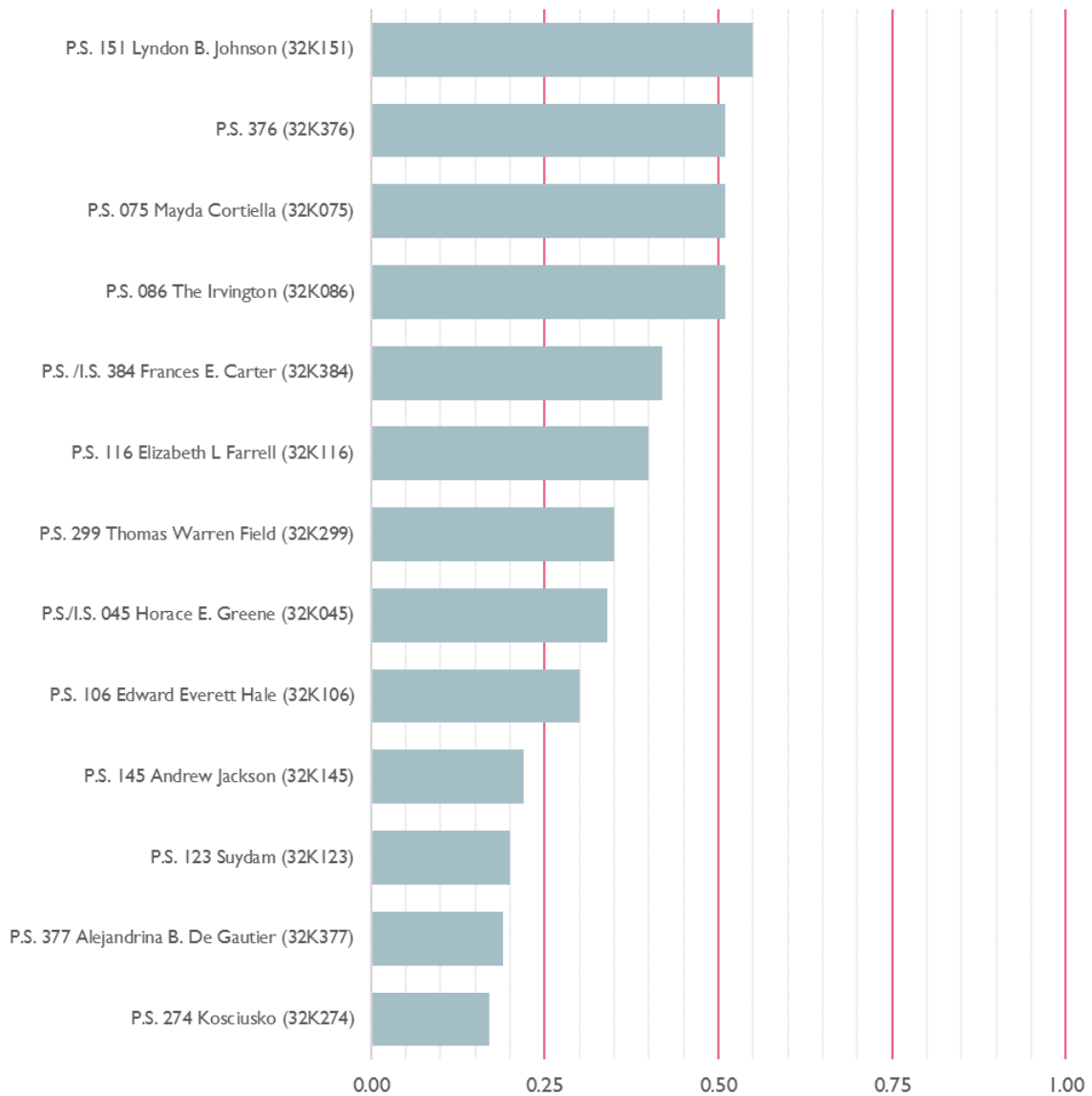
Source: 3-8 testing from 2018-2019 NYSED 3-8 test scores, as reported by NYC DOE; graduation rate from August 4-year graduation results for cohort entering 9<sup>th</sup> grade in 2015-16 school year, as reported by NYC DOE.

- 2018-2019 NYS ELA and Math test scores have District 32 performing below both the borough and Citywide averages.
- The District 32 high school graduation rate of 71% is approaching the borough and Citywide average of 77%.

**IMPACT SCORES**

- Impact Scores compare student performance across all performance metrics to a large comparison group of similar students citywide, thereby accounting for factors like prior academic level or poverty that can affect performance. An impact score of .50 means that the school performed the same as the comparison group.
- Four of 13 District 32 elementary schools are meeting or surpassing the performance of their comparison group schools.

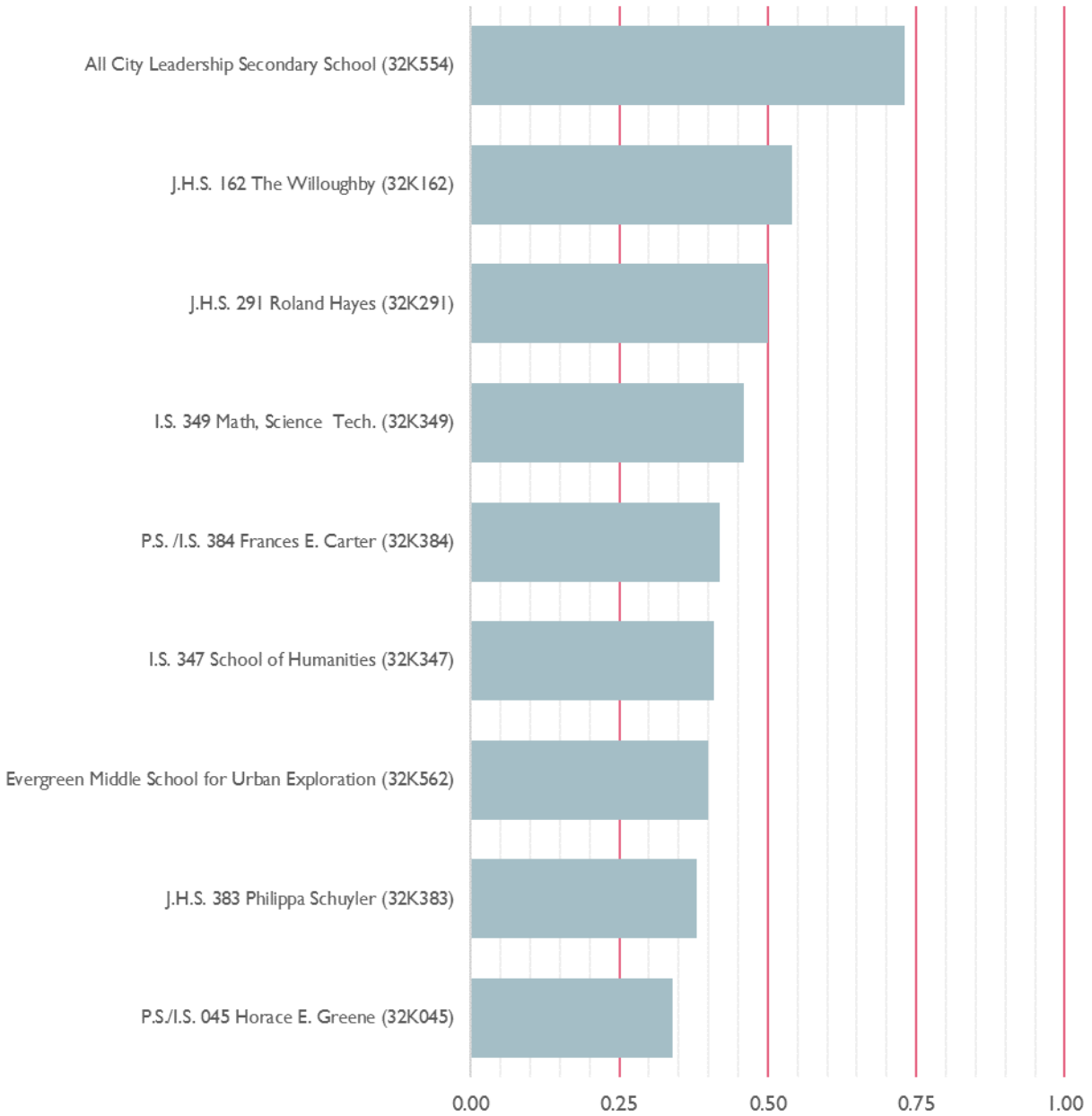
Impact Scores, Schools Serving ES Grades



Source: 2018-2019 Impact Scores, as reported on the NYC DOE School Performance Dashboard

- Four of 9 District 32 schools serving middle school students are approaching or surpassing the performance of the schools in their comparison group.

### Impact Scores, Schools Serving MS Grades



Source: 2018-2019 Impact Scores, as reported on the NYC DOE School Performance Dashboard



**BUILDINGS & CAPACITY**

**SCHOOL & BUILDING UTILIZATION WITHIN THE DISTRICT**

- The Office of District Planning works closely with the School Construction Authority (SCA) and the Office of Space Planning to understand how buildings are currently used and how capacity can best be used in future years.
- Each year, the SCA publishes the Blue Book, a tool that analyzes the capacity of each DOE building across the City and compares the target capacity with the number of enrolled students to determine a utilization rate for the building.
- Guiding Questions:
  - Is over- or under-utilization concentrated at a particular grade level? In a particular area?
  - Are there under-utilized buildings with excess capacity to accommodate an additional school or program?

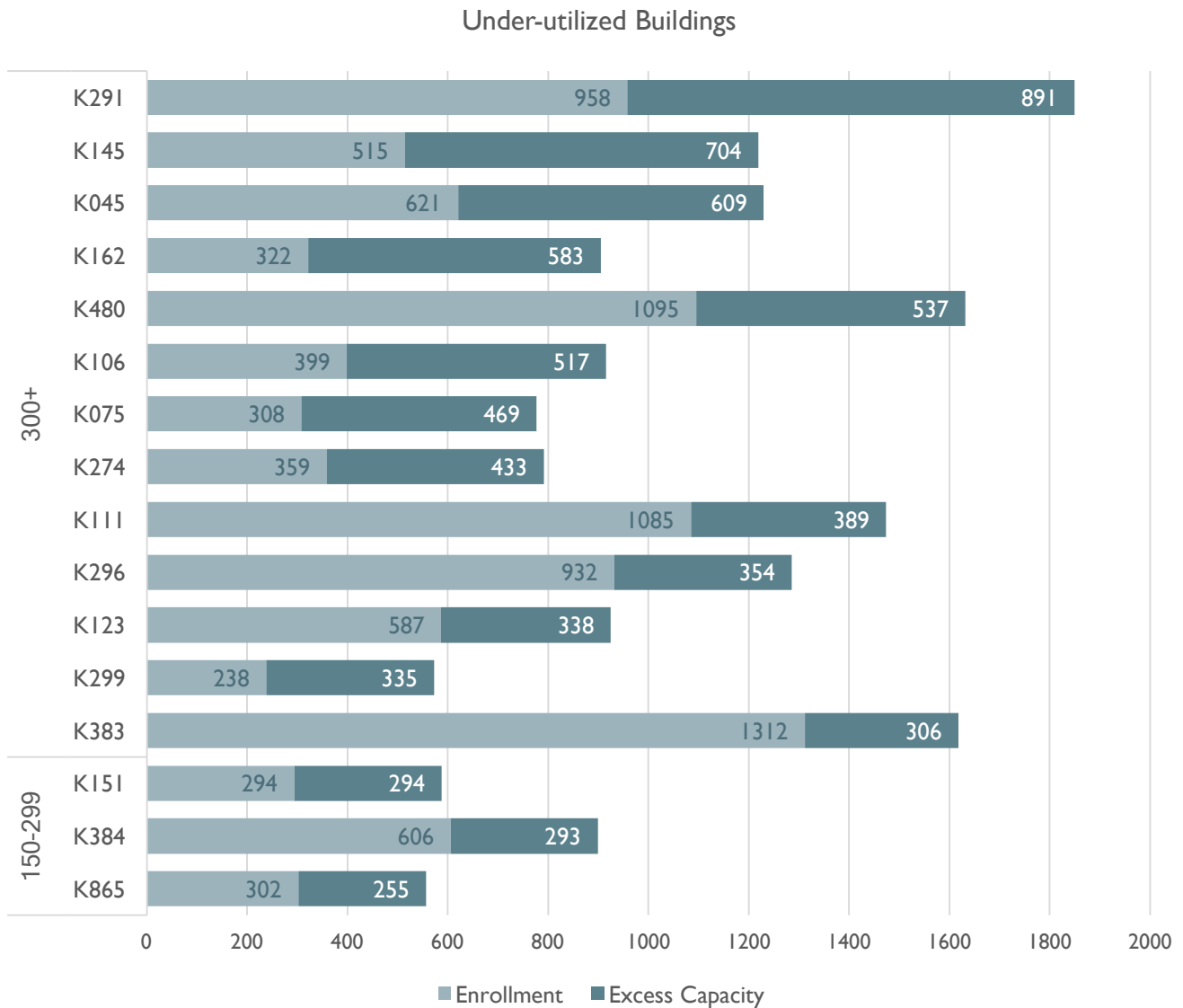
**BUILDING SUMMARY**

	District 32	Brooklyn
<b>Count of Buildings</b>	<b>27</b>	<b>473</b>
<i>DOE</i>	24	411
<i>Non-DOE</i>	3	62
<b>TCUs</b>	<b>0</b>	<b>13</b>
<i>TCUs with Plan for Removal</i>	-	7
<i>Remaining TCUs</i>	-	6
<b>Under-Utilized Buildings</b>	<b>17</b>	<b>165</b>
<i>150-299</i>	4	60
<i>300+</i>	13	105
<b>Over-Utilized Buildings</b>	<b>1</b>	<b>132</b>

Source: Building information from LCGMS. Building utilization categories based on the 2018-2019 Blue Book.

- There are 27 buildings serving students in grades K-12 in District 32.
- More than half of the DOE buildings (17 of 24) in District 32 are considered under-utilized, suggesting there are excess seats and capacity at those buildings.
  - District Planning works collaboratively with communities to identify how to optimize excess space in these buildings including adding programming where demand aligns to space.
- The following chart shows that the majority of these under-utilized buildings have in excess of 300 available seats.

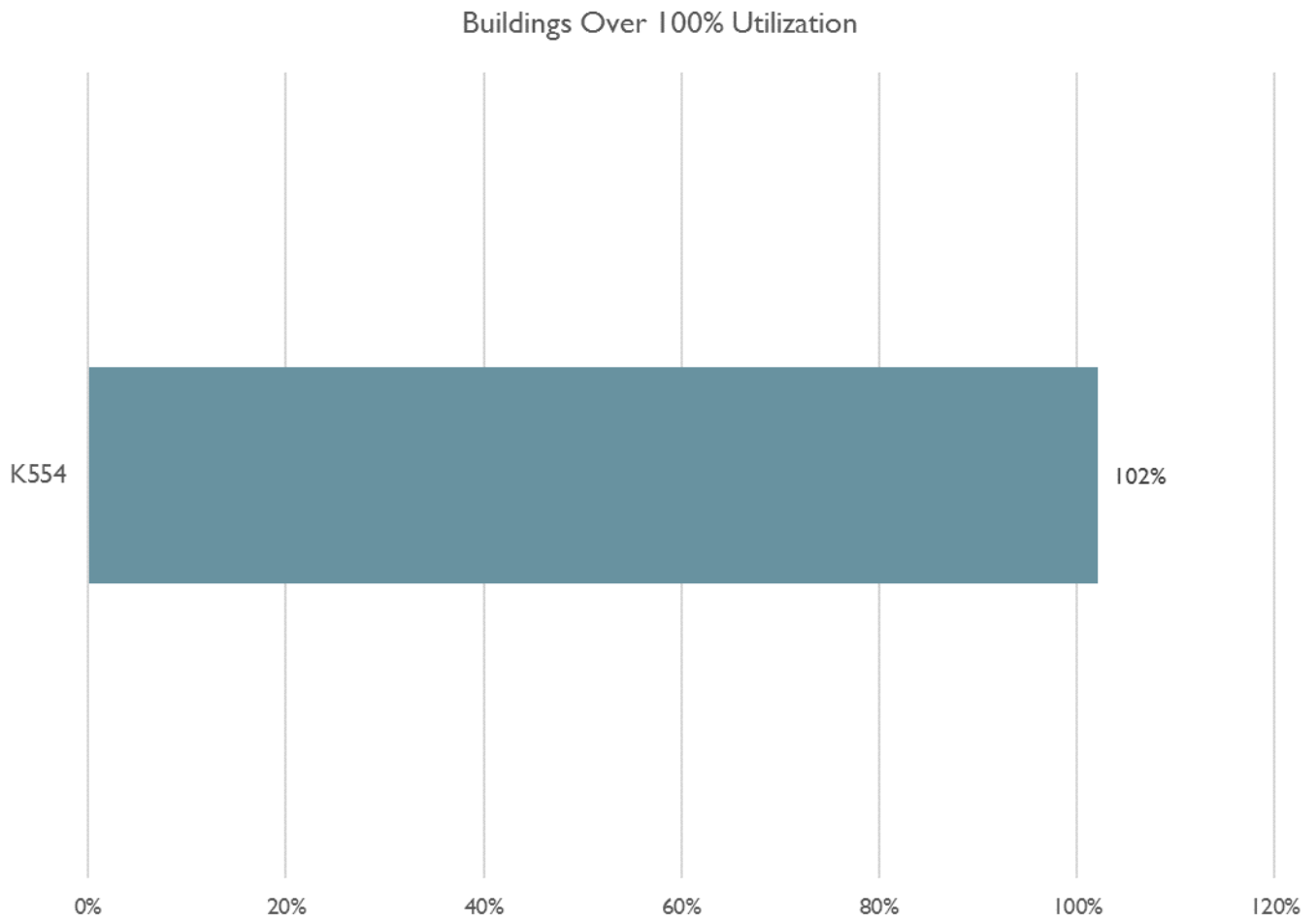
### DISTRICT 32 UNDER-UTILIZED BUILDINGS



Source: 2018-19 Blue Book; UU status accounts for planning changes implemented in 2019-2020 and implementing in 2020-21.

- Utilization rates do not always capture the full narrative of space in a building, but provide a starting point for assessing potential space availability. For example, some buildings although under-utilized, may not have sufficient space to add new schools or programming.
- Other buildings, have significant excess seats and rooms. These could be candidates to address pressing district needs, including adding or expanding programs such as dual language offerings, District 75 programming, Autism Spectrum Disorder (ASD) Nest and Horizon programs, and/or other district needs where demand aligns.

## DISTRICT 32 BUILDINGS OVER 100% UTILIZATION



Source: 2018-2019 Blue Book

- There is one building in District 32 with a utilization rate in excess of 100%
- Building K554 houses All City Leadership Secondary School (32K554) which serves students in grades 6-12 and in a special education program.

2019-2020 DISTRICT MAP

