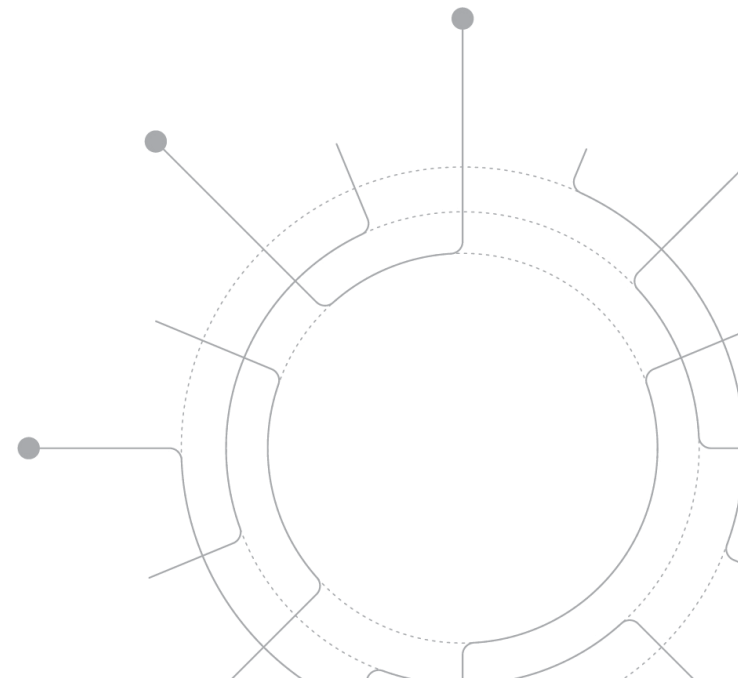




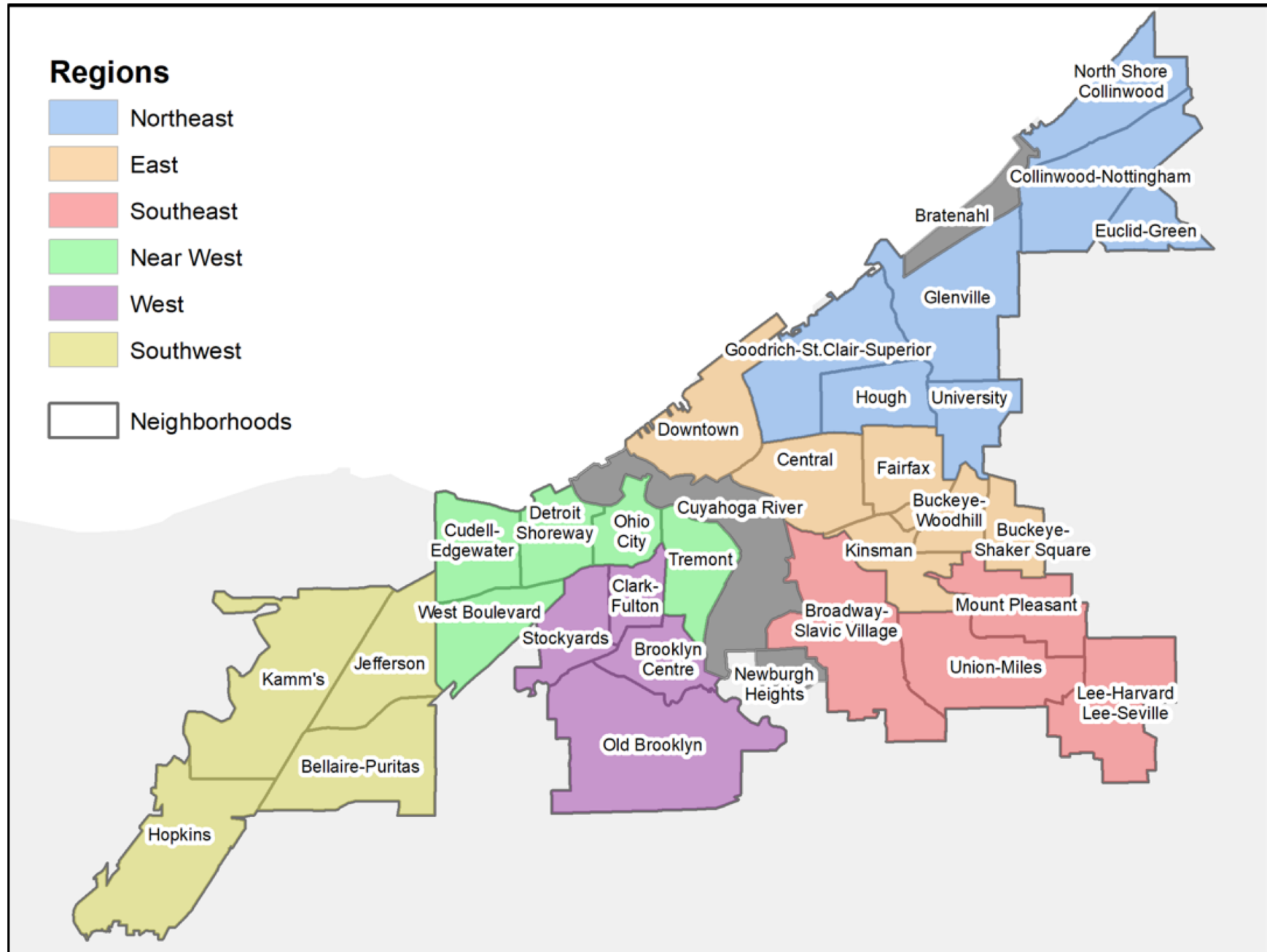
# CITYWIDE ANALYSIS

## High School Fact Base: Northeast, East and Southeast Regions

Spring 2019



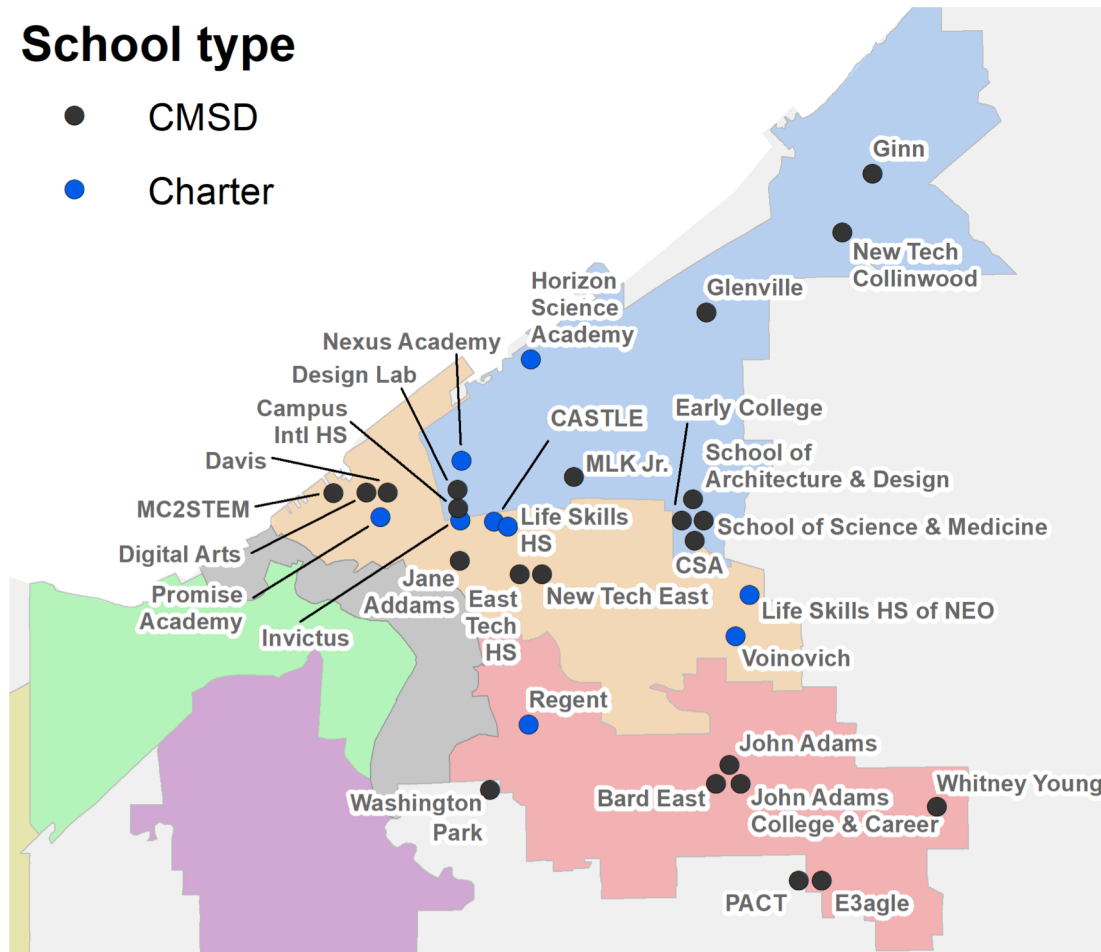
# Northeast, East and Southeast Regions: Neighborhoods



# Northeast, East and Southeast Regions: High Schools

## School type

- CMSD
- Charter



### District High Schools (23 total in 17 facilities)

### Charter High Schools (9 total)

Northeast	<ul style="list-style-type: none"> <li>Architecture &amp; Design</li> <li>Campus International</li> <li>CSA</li> <li>Design Lab</li> <li>Early College</li> <li>Ginn</li> <li>Glenville</li> <li>MLK Jr.</li> <li>New Tech Collinwood</li> <li>Science &amp; Medicine</li> </ul>	<ul style="list-style-type: none"> <li>Horizon Science</li> <li>Nexus Academy</li> </ul>
	<ul style="list-style-type: none"> <li>Davis</li> <li>Digital Arts</li> <li>East Tech</li> <li>Jane Addams</li> <li>MC2STEM</li> <li>New Tech East</li> </ul>	<ul style="list-style-type: none"> <li>CASTLE</li> <li>Invictus</li> <li>Life Skills HS<sup>1</sup></li> <li>Life Skills HS of NEO<sup>1</sup></li> <li>Promise Academy</li> <li>Voinovich</li> </ul>
	<ul style="list-style-type: none"> <li>Bard East</li> <li>E3agle</li> <li>John Adams</li> <li>John Adams College and Career</li> <li>PACT</li> <li>Washington Park</li> <li>Whitney Young</li> </ul>	<ul style="list-style-type: none"> <li>Regent</li> </ul>

<sup>1</sup> Life Skills HS and Life Skills HS of NEO closed at the end of the 2017-18 school year

# Northeast, East and Southeast Regions: High School Metric Highlights

## Academic Quality



- 34% of high school enrollment across the regions on the east side is in A, B or C-rated schools.
- 100% of District A and B-rated high schools have admissions criteria.

## Enrollment and Choice



- Combined, District and charter high school enrollment is forecast to decline 130 students, or 2%, by 2022-23. This follows a 10% enrollment decline since 2013.
- 58% of high school students residing on the east side attend District schools over other options.

## Program Viability



- None of the 23 east side District high schools are above the desired viability target of 500 and only three are above the minimum enrollment target of 400 students.





## Building Use and Condition



- 47% of District high school seats are utilized with roughly 7,000 vacant high school seats in the area, which is five times greater than the amount of open seats on the west side.
- Approximately 46% of students attending District high schools are served in buildings that are newly built since 2002.



# East Side High Schools: Summary of Downtown District high school performance against 4 key metrics (1 of 4)

School	 Academic Quality	 Enrollment Trend	 Program Viability	 Building Use and Condition
Campus International	D- (New)	Positive (phase-in)	87 (phase-in)	N/A (Swing Space)
Davis	C- (New)	Positive (phase-in)	47 (phase-in)	N/A (Swing Space)
Design Lab	F+ (--)	Positive	256	85%
Digital Arts	C (↑)	Positive	318	N/A (Swing Space)
MC2STEM	D (--)	Flat	391	N/A (multi campus)

Metric	2018 ODE Report Card Score <sup>1</sup> (2018 Performance Trend <sup>2</sup> )	2013-14 vs. 2017-18 High School Enrollment Change	2017-18 High School Enrollment <sup>3</sup>	2017-18 District Adjusted Capacity Utilization <sup>4</sup>
Key	A = Blue B = Green C = Yellow D = Orange F = Red (<-0.5 = declining, >0.5 = improving)	Increase of >20 students = Green Changes within 20 students = Yellow Decrease in >20 students = Red	≥450 = Green 400 to 449 = Yellow <400 = Red	>80% = Green 71 to 80% = Yellow 61 to 70% = Orange ≤ 60% = Red





<sup>1</sup> Grade is based on 2018 ODE Overall Report Card Score Component Points. Plus and Minus is based on top and bottom third of scores within a grade band

<sup>2</sup> Trend is based on the 3-year average of the standardized change of 2018 performance index and high school graduation rate

<sup>3</sup> Data reported is 2017-18 ODE headcount enrollment data; A minimum enrollment threshold of 400 students was determined based off of the required enrollment to allow for the baseline desired teaching and learning experience of 100 students per grade 9-12

<sup>4</sup> Capacity provided by CMSD Operations based on OFCC methodology from May 2017 adjusted based on 2018-19 special education classroom counts provided by CMSD

# East Side High Schools: Summary of Northeast District high school performance against 4 key metrics (2 of 4)

School	 Academic Quality	 Enrollment Trend	 Program Viability	 Building Use and Condition
Architecture & Design	B (--)	Flat	334	81% <sup>5</sup>
CSA	C (--)	Negative	482	62%
Early College	A- (↑)	Positive	313	81% <sup>5</sup>
Ginn	C- (--)	Positive	394	56%
Glenville	D+ (--)	Positive	348	20% <sup>5</sup>
MLK Jr.	D- (--)	Positive	328	50%
New Tech Collinwood	D- (↑)	Negative	302	20% <sup>5</sup>
Science & Medicine	B+ (--)	Positive	410	81% <sup>5</sup>
School of One: Collinwood	D (--)	N/A	15	20% <sup>5</sup>
School of One: Glenville	D (--)	N/A	19	20% <sup>5</sup>
Metric	2018 ODE Report Card Score <sup>1</sup> (2018 Performance Trend <sup>2</sup> )	2013-14 vs. 2017-18 High School Enrollment Change	2017-18 High School Enrollment <sup>3</sup>	2017-18 District Adjusted Capacity Utilization <sup>4</sup>
Key	A = Blue B = Green C = Yellow D = Orange F = Red (<-0.5 = declining, >0.5 = improving)	Increase of >20 students = Green Changes within 20 students = Yellow Decrease in >20 students = Red	≥450 = Green 400 to 449 = Yellow <400 = Red	>80% = Green 71 to 80% = Yellow 61 to 70% = Orange ≤ 60% = Red

1 Grade is based on 2018 ODE Overall Report Card Score Component Points. Plus and Minus is based on top and bottom third of scores within a grade band





2 Trend is based on the 3-year average of the standardized change of 2018 performance index and high school graduation rate

3 Data reported is 2017-18 ODE headcount enrollment data; A minimum enrollment threshold of 400 students was determined based off of the required enrollment to allow for the baseline desired teaching and learning experience of 100 students per grade 9-12

4 Capacity provided by CMSD Operations based on OFCC methodology from May 2017 adjusted based on 2018-19 special education classroom counts provided by CMSD

5 Utilization for facilities with multiple school programs reflects the combined 2017-18 enrollment and total adjusted capacity for the campus

# East Side High Schools: Summary of East District high school performance against 4 key metrics (3 of 4)

School	 Academic Quality	 Enrollment Trend	 Program Viability	 Building Use and Condition
East Tech	D- (--)	Flat	352	68% <sup>5</sup>
Jane Addams	F (--)	Negative	237	30%
New Tech East	C (↑)	Negative	155	68% <sup>5</sup>
School of One: East Tech	D (--)	N/A	22	68% <sup>5</sup>

Metric	2018 ODE Report Card Score <sup>1</sup> (2018 Performance Trend <sup>2</sup> )	2013-14 vs. 2017-18 High School Enrollment Change	2017-18 High School Enrollment <sup>3</sup>	2017-18 District Adjusted Capacity Utilization <sup>4</sup>
Key	A = Blue B = Green C = Yellow D = Orange F = Red (<-0.5 = declining, >0.5 = improving)	Increase of >20 students = Green Changes within 20 students = Yellow Decrease in >20 students = Red	≥450 = Green 400 to 449 = Yellow <400 = Red	>80% = Green 71 to 80% = Yellow 61 to 70% = Orange ≤ 60% = Red

<sup>1</sup> Grade is based on 2018 ODE Overall Report Card Score Component Points. Plus and Minus is based on top and bottom third of scores within a grade band





<sup>2</sup> Trend is based on the 3-year average of the standardized change of 2018 performance index and high school graduation rate

<sup>3</sup> Data reported is 2017-18 ODE headcount enrollment data; A minimum enrollment threshold of 400 students was determined based off of the required enrollment to allow for the baseline desired teaching and learning experience of 100 students per grade 9-12

<sup>4</sup> Capacity provided by CMSD Operations based on OFCC methodology from May 2017 adjusted based on 2018-19 special education classroom counts provided by CMSD

<sup>5</sup> Utilization for facilities with multiple school programs reflects the combined 2017-18 enrollment and total adjusted capacity for the campus

# East Side High Schools: Summary of Southeast District high school performance against 4 key metrics (4 of 4)

School	 Academic Quality	 Enrollment Trend	 Program Viability	 Building Use and Condition
Bard East	D- (New)	Phase-in	58 (phase-in)	49% <sup>5</sup>
E3agle	F+ (--)	Phase-out	259 (phase-out)	35% <sup>5</sup>
John Adams	F (--)	Phase-out	469 (phase-out)	49% <sup>5</sup>
John Adams College & Career	F+ (New)	Phase-in	97 (phase-in)	49% <sup>5</sup>
PACT	F+ (--)	Positive	263	35% <sup>5</sup>
School of One: John Adams	D (--)	N/A	35	49% <sup>5</sup>
Washington Park	F (--)	Positive	263	110%
Whitney Young	C (--)	Negative	104	N/A (Swing Space)

Metric	2018 ODE Report Card Score <sup>1</sup> (2018 Performance Trend <sup>2</sup> )	2013-14 vs. 2017-18 High School Enrollment Change	2017-18 High School Enrollment <sup>3</sup>	2017-18 District Adjusted Capacity Utilization <sup>4</sup>
Key	A = Blue B = Green C = Yellow D = Orange F = Red (<-0.5 = declining, >0.5 = improving)	Increase of >20 students = Green Changes within 20 students = Yellow Decrease in >20 students = Red	≥450 = Green 400 to 449 = Yellow <400 = Red	>80% = Green 71 to 80% = Yellow 61 to 70% = Orange ≤ 60% = Red

<sup>1</sup> Grade is based on 2018 ODE Overall Report Card Score Component Points. Plus and Minus is based on top and bottom third of scores within a grade band





<sup>2</sup> Trend is based on the 3-year average of the standardized change of 2018 performance index and high school graduation rate

<sup>3</sup> Data reported is 2017-18 ODE headcount enrollment data; A minimum enrollment threshold of 400 students was determined based off of the required enrollment to allow for the baseline desired teaching and learning experience of 100 students per grade 9-12

<sup>4</sup> Capacity provided by CMSD Operations based on OFCC methodology from May 2017 adjusted based on 2018-19 special education classroom counts provided by CMSD

<sup>5</sup> Utilization for facilities with multiple school programs reflects the combined 2017-18 enrollment and total adjusted capacity for the campus

# East Side High Schools: Summary of charter high school performance against 4 key metrics

School	 Academic Quality	 Enrollment Trend	 Program Viability	 Building Use and Condition
Horizon Science	D (--)	Negative	385	Data not requested
Nexus Academy	F (↓)	Negative	144	Data not requested
<b>Alternative Schools</b>				
CASTLE	Does Not Meet	Negative	199	Data not requested
Invictus	Meets	Positive	562	Data not requested
Life Skills <sup>5</sup>	Meets	Negative	125	Data not requested
Life Skills Northeast <sup>5</sup>	Meets	Negative	109	Data not requested
Promise Academy	Meets	Negative	464	Data not requested
Regent	Meets	Positive	189	Data not requested
Voinovich	Does Not Meet	Negative	107	Data not requested

Metric	2018 ODE Report Card Score <sup>1</sup> (2018 Performance Trend <sup>2</sup> )	2013-14 vs. 2017-18 High School Enrollment Change	2017-18 High School Enrollment <sup>3</sup>	2017-18 Capacity Utilization <sup>4</sup>
Key	A = Blue B = Green C = Yellow D = Orange F = Red (<-0.5 = declining, >0.5 = improving)	Increase of >20 students = Green Changes within 20 students = Yellow Decrease in >20 students = Red		

<sup>1</sup> Grade is based on 2018 ODE Overall Report Card Score Component Points. Plus and Minus is based on top and bottom third of scores within a grade band

<sup>2</sup> Trend is based on the 3-year average of the standardized change of 2018 performance index and high school graduation rate

<sup>3</sup> Based on 2017-18 ODE headcount enrollment data

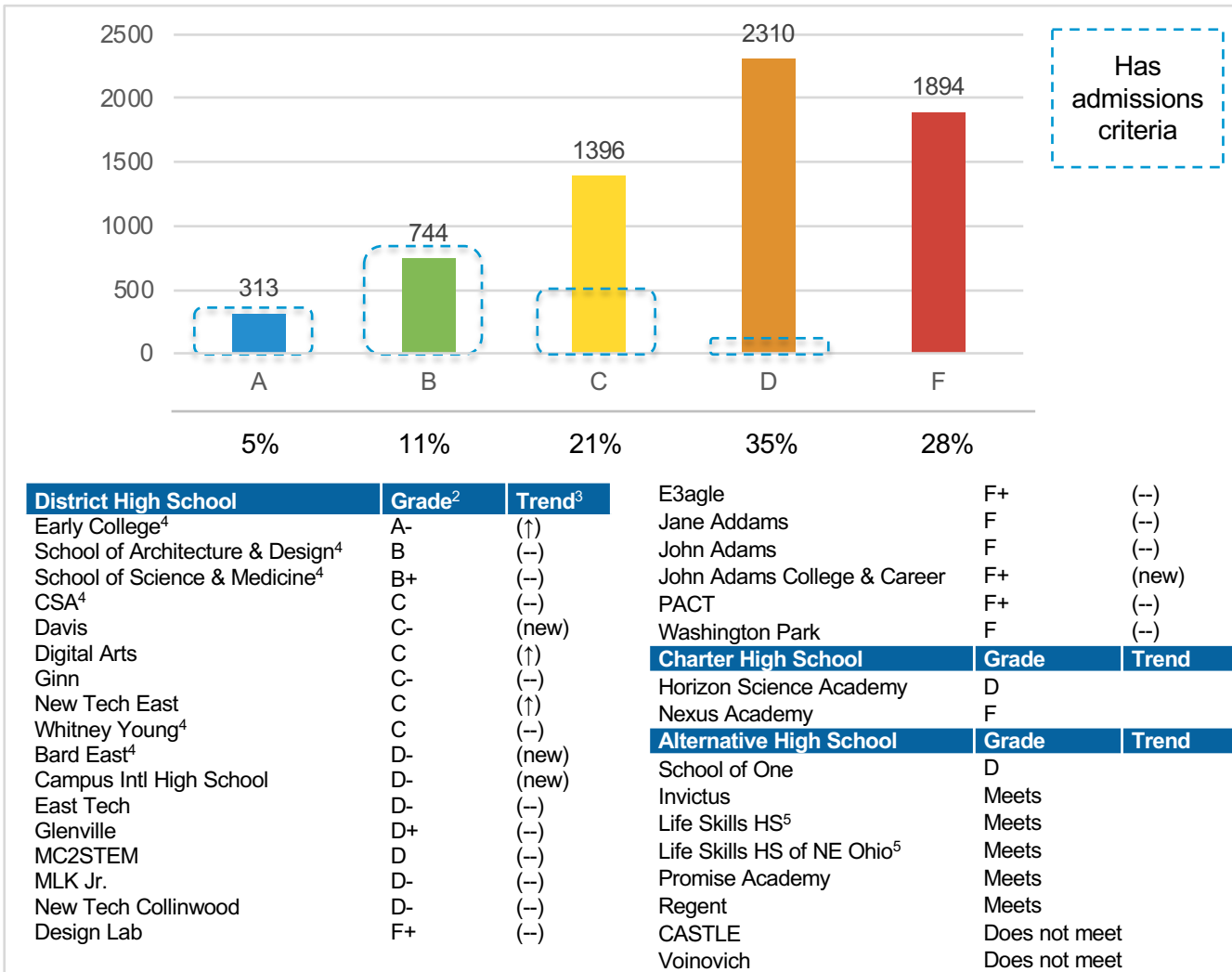
<sup>4</sup> Capacity figures not requested of charter high schools

<sup>5</sup> Life Skills High School and Life Skills HS of NEO closed at the end of the 2017-18 school year



# East Side High Schools: How many high school students are enrolled in quality schools?

2017-18 Enrollment in East Side High Schools by 2018 ODE Report Card Grades<sup>1</sup>



- 100% of District A and B-rated high schools have admissions criteria.
- 66% of east side high school enrollment is at D or F-rated schools.

<sup>1</sup> Does not include alternative high school enrollment

<sup>2</sup> Grade is based on 2018 ODE Overall Report Card Score Component Points. Plus and Minus is based on top and bottom third of scores within a grade band.

<sup>3</sup> Trend is based on the average of the standardized change of 2018 performance index and graduation rate; <-0.5 = declining, >0.5 = improving

<sup>4</sup> Denotes schools with admissions criteria

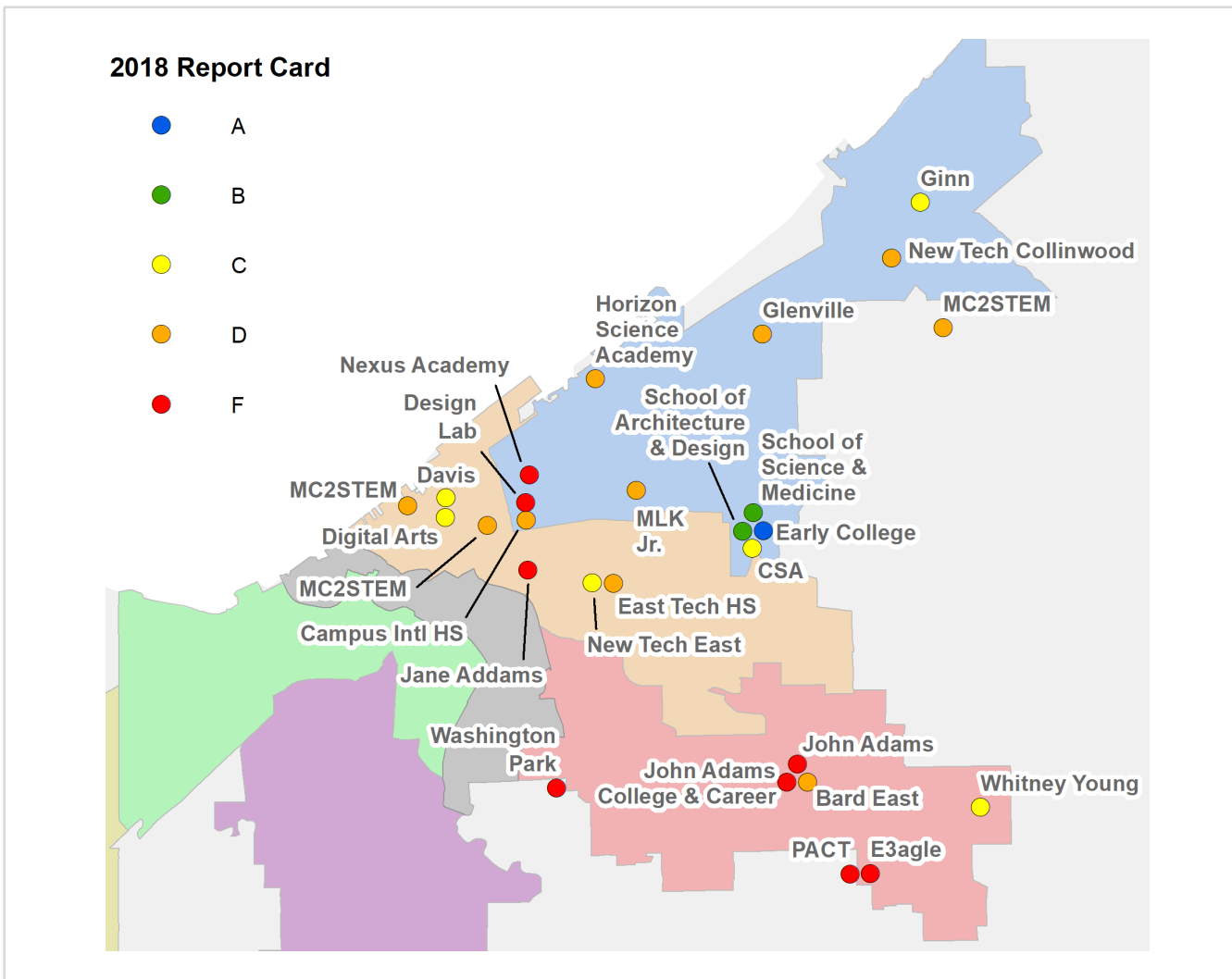
<sup>5</sup> Life Skills High School and Life Skills High School of Northeast Ohio both closed at the end of the 2017-18 school year

SOURCE: 2018 ODE Overall State Report Grade; 2017-18 ODE headcount enrollment data

# ★ East Side High Schools: Where are quality schools located?

March 19, 2019 Discussion Draft

2017-18 District and Charter School Locations by 2018 ODE Overall Report Card Grades

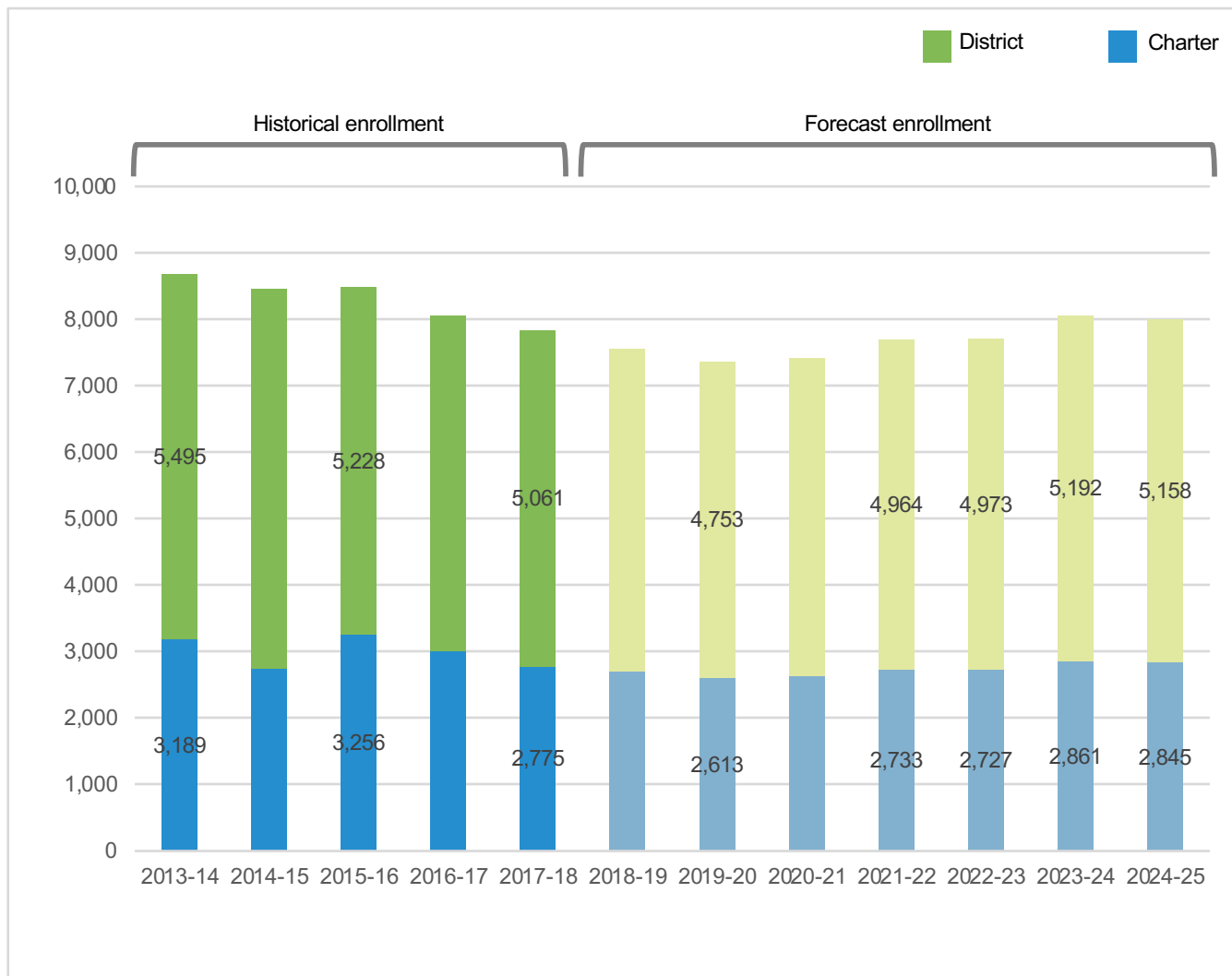


Higher performing schools are primarily admissions-criteria based and mostly in the University neighborhood.



## East Side High Schools: What do enrollment forecasts suggest about changes in enrollment?

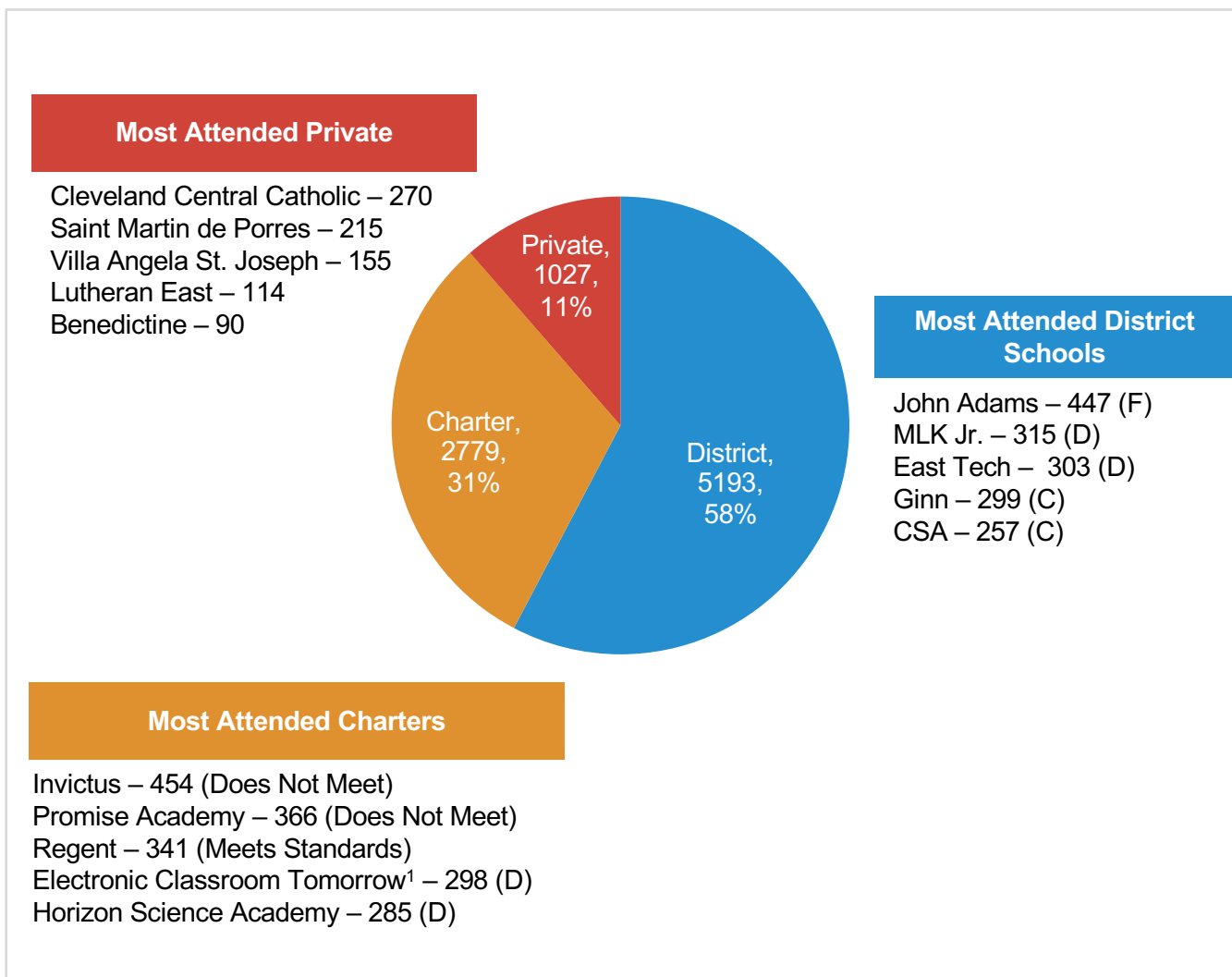
Historical and Forecast Enrollment of High School Students Residing on the East Side Attending a School Anywhere in the City



- When combining students across sectors, high school enrollment declined 10% from 2013 to 2017.
- The east side high school population is forecast to decline 130 students, or 2%, by 2022 with the decline split between District and charter schools.

# **East Side High Schools: How are east side students choosing among their available school options?**

2017-18 Enrollment by School Type and Location for East Side Residents

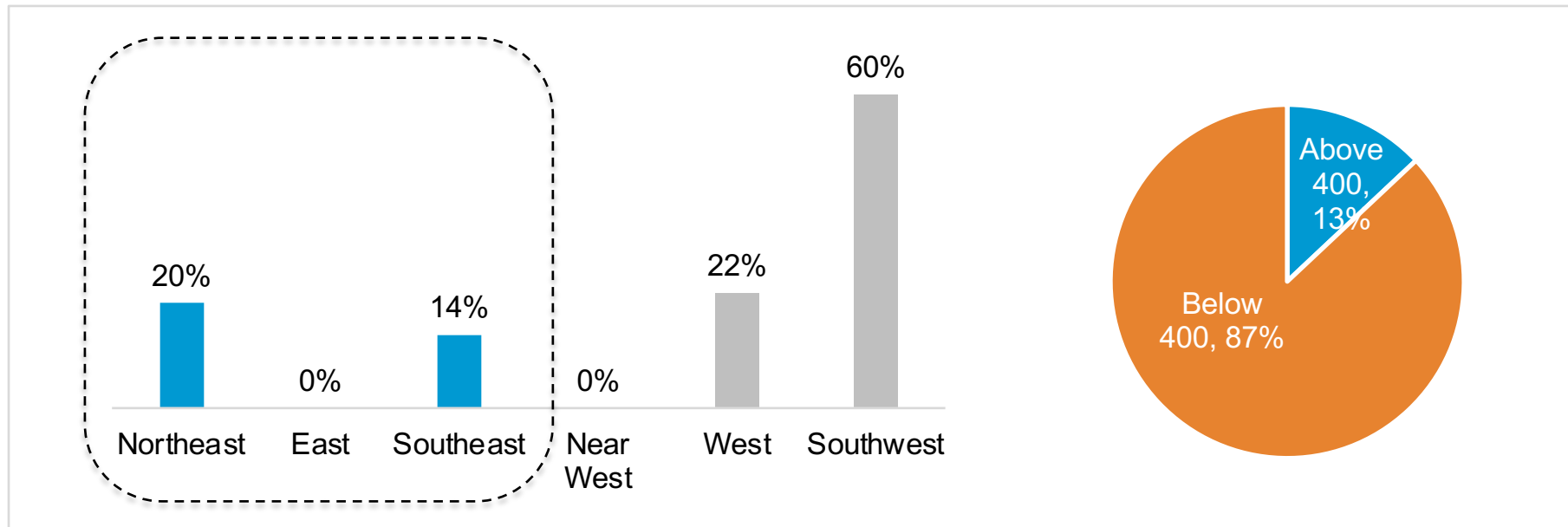


- 58% of east side high school students attend District schools over other options, in-line with 57% of west side high school students attending District schools.
- Of students attending District schools, 89% of east side residents stay east, which is in line with attendance patterns on the west side of Cleveland.

<sup>1</sup> Electronic Classroom of Tomorrow closed January 2018

## East Side High Schools: What percentage of District high schools meet minimum enrollment targets?

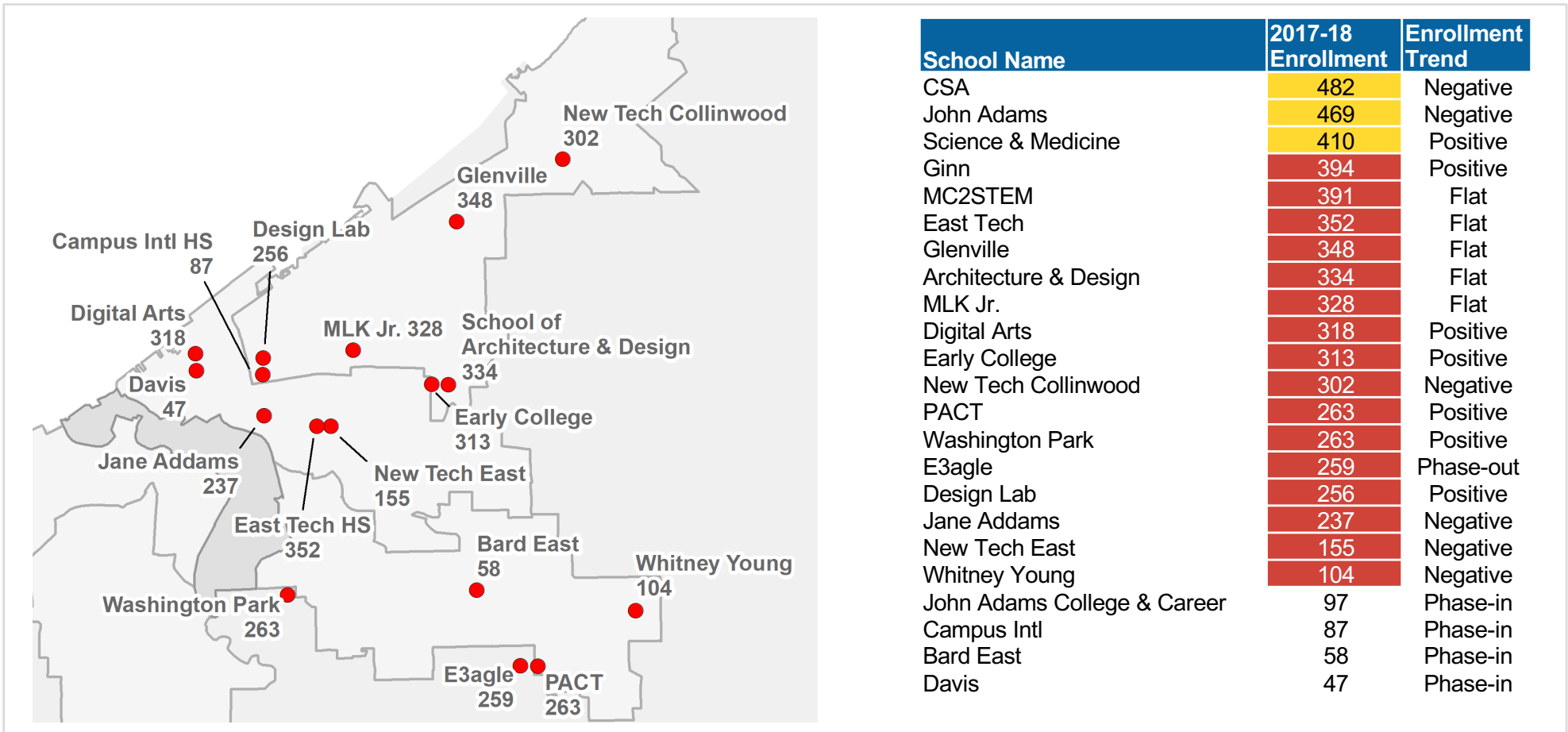
District High School Programs on East Side with 2017-18 Enrollment Above 400 Students



- District high schools with at least 400 students are more likely to have the resources to sustain the baseline desired learning and teaching experience. This minimum enrollment target is the equivalent of 100 students per grade level from 9<sup>th</sup> to 12<sup>th</sup> grade.
- Ideally, District high schools would enroll closer to 500 students, or 125 students per grade level, allowing for funding necessary for a more vibrant and viable school program.
- Only 13%, or three of the 23 District high school programs in these regions are above the minimum viability target of 400 students and none are above the desired enrollment target of 500 students.

## East Side High Schools: Which District high schools are below the program viability enrollment target?

### 2017-18 Enrollment and Trend for Schools Below 400 Students



- 87% of east side high schools are below the minimum enrollment target of 400 students.
- The phase-in and phase-out of numerous east side programs is creating large enrollment changes between years.

NOTE: Schools phasing in do not have an enrollment level highlighted in the chart. Omits School of One enrollment

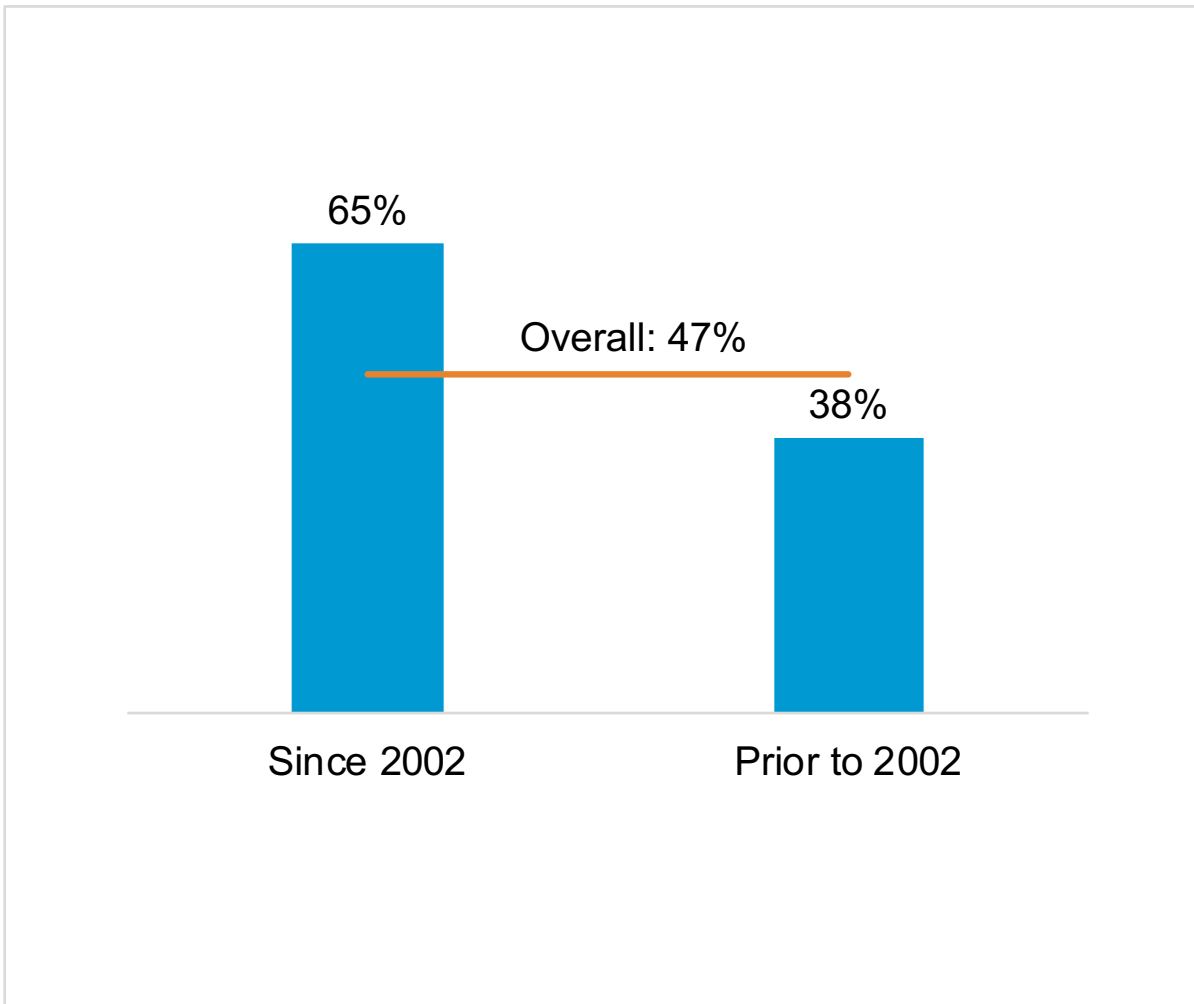
SOURCE: 2017-18 ODE headcount enrollment data

METHOD: Enrollment trend reflects the difference between 2013 and 2017 geo-coded student-level enrollment data provided by CMSD; growth of 20 or more is "positive", declines of 20 or more are "negative", otherwise "flat"



## East Side High Schools: What percentage of District high school seats are utilized based on facility age?

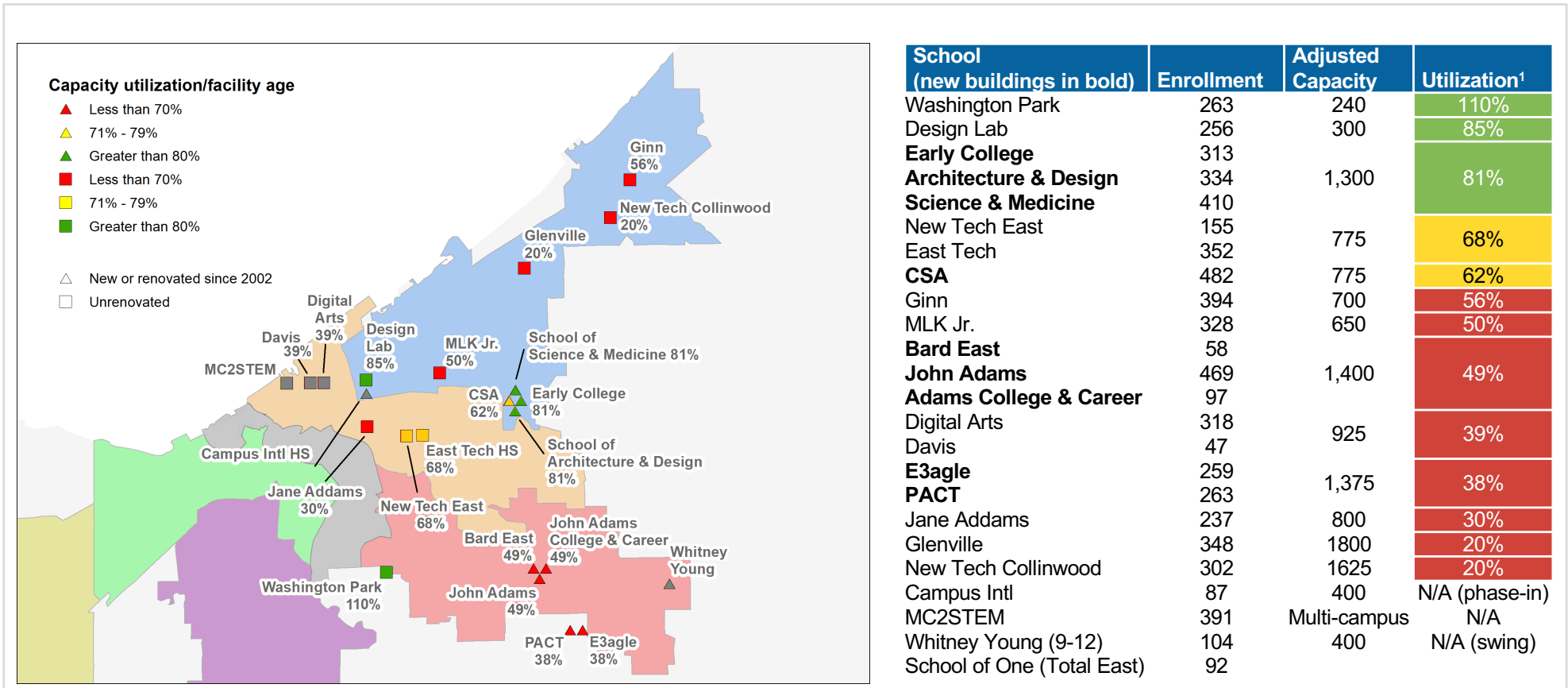
2017-18 District High School Building Utilization by Building Age



- 47% of District high school seats are in use, leaving approximately 7,000 empty seats in these regions. 65% of seats in new or renovated buildings are in use, while 38% of seats in buildings constructed prior to 2002 are in use.
- Approximately 46% of students attending District high schools are served in buildings that are newly built or renovated since 2002. Eleven of the 23 District high school programs are operating in buildings newly built or renovated since 2002.

# East Side High Schools: What percentage of District high school seats are utilized?

## 2017-18 District High School Building Age, Capacity and Utilization by 2017-18 School Locations



- Even when adjusting capacity for special education programs, there are more than twice as many seats as students attending east side high schools, with 47% utilization and approximately 7,000 open seats.
- There are twelve programs with utilization less than 50%, while five programs have strong utilization.

<sup>1</sup> Utilization reflects the combined 2017-18 enrollment and total adjusted capacity for the campus. School of One enrollment is factored into the respective facility utilization. Grayed out schools are those in swing space

# East Side High Schools: What academic and facilities investments have been made to date?

	Seg 1-7 Building	Seg 8 Or 9 Building	Past Strategic School Actions	Current Strategic Schools Actions
Bard East	✓			Open a new school
Campus Intl High School	Renovated			Open a new school
CSA	✓		Redesign school	
Davis	Renovated			Open a new school
Design Lab				
Digital Arts	Renovated		Open a new school	
E3agle	✓		Phase-in redesigned school	
Early College				
East Tech				
Ginn				
Glenville				
Jane Addams			Academies of Cleveland	
John Adams	✓			Phase-out school
John Adams College & Career	✓			Phase-in redesigned school
MC2STEM	Multi-campus			
MLK Jr.			Academies of Cleveland	
New Tech Collinwood				
New Tech East				
PACT	✓		Phase-in redesigned school	
School of Architecture & Design	✓			
School of Science & Medicine	✓			
Washington Park			Academies of Cleveland	
Whitney Young	✓			

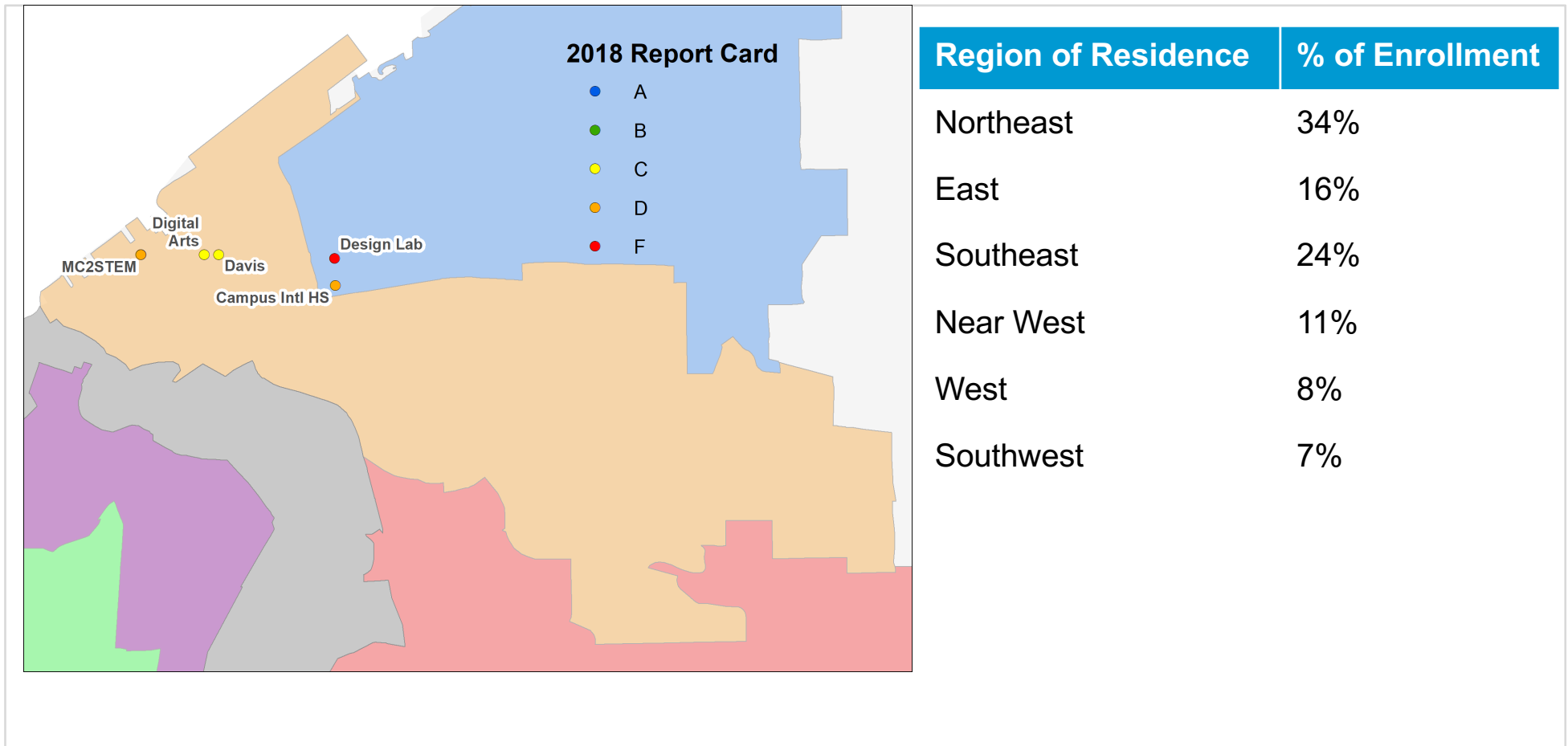


# Appendix

March 19, 2019 Discussion Draft

# Where do students attending a District Downtown High School reside?

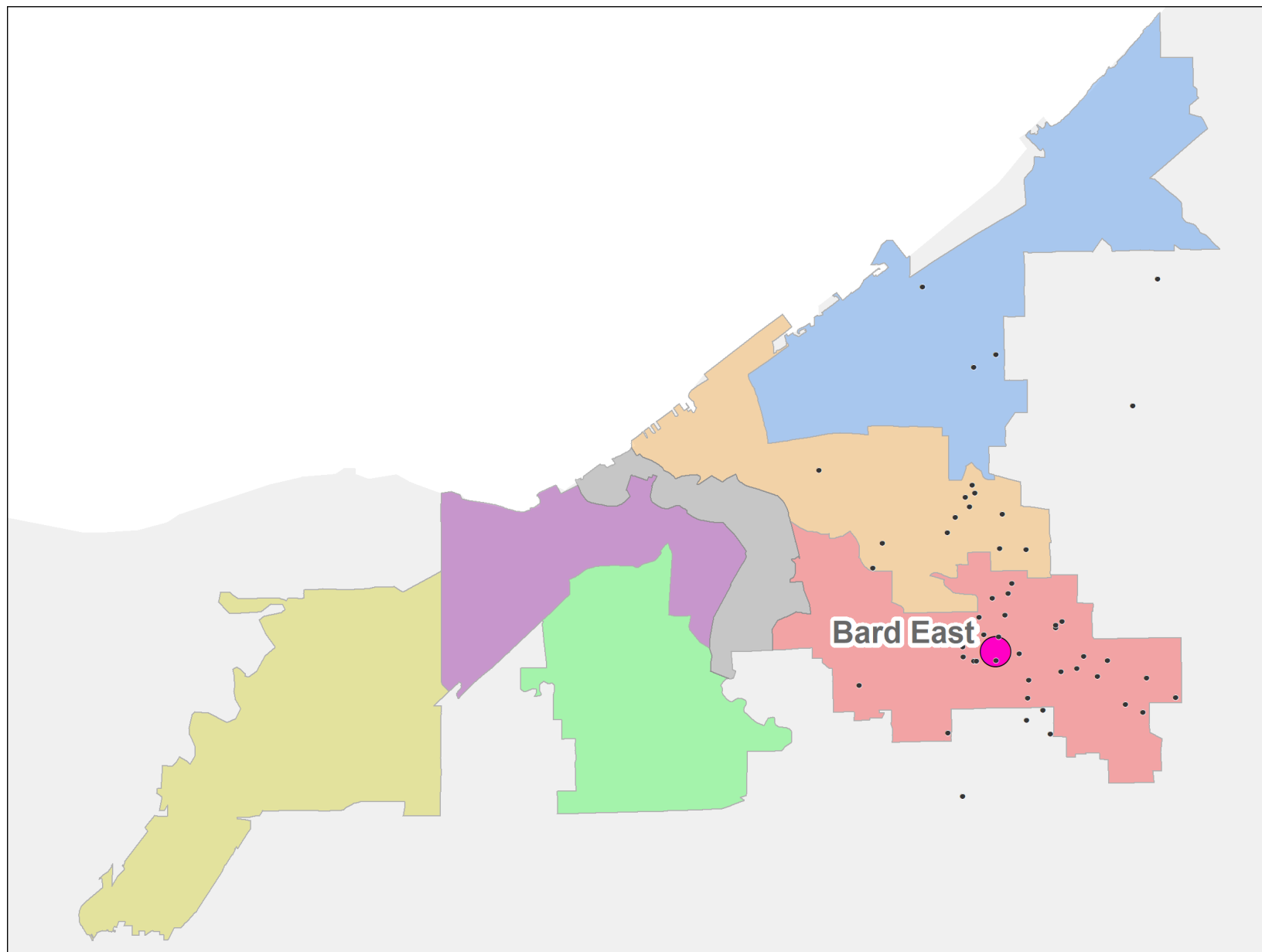
2017-18 enrollment by region of residence



- 74% of students enrolled in downtown Cleveland high schools (listed above) reside on the east side.

# East Side High Schools: Where do students reside?

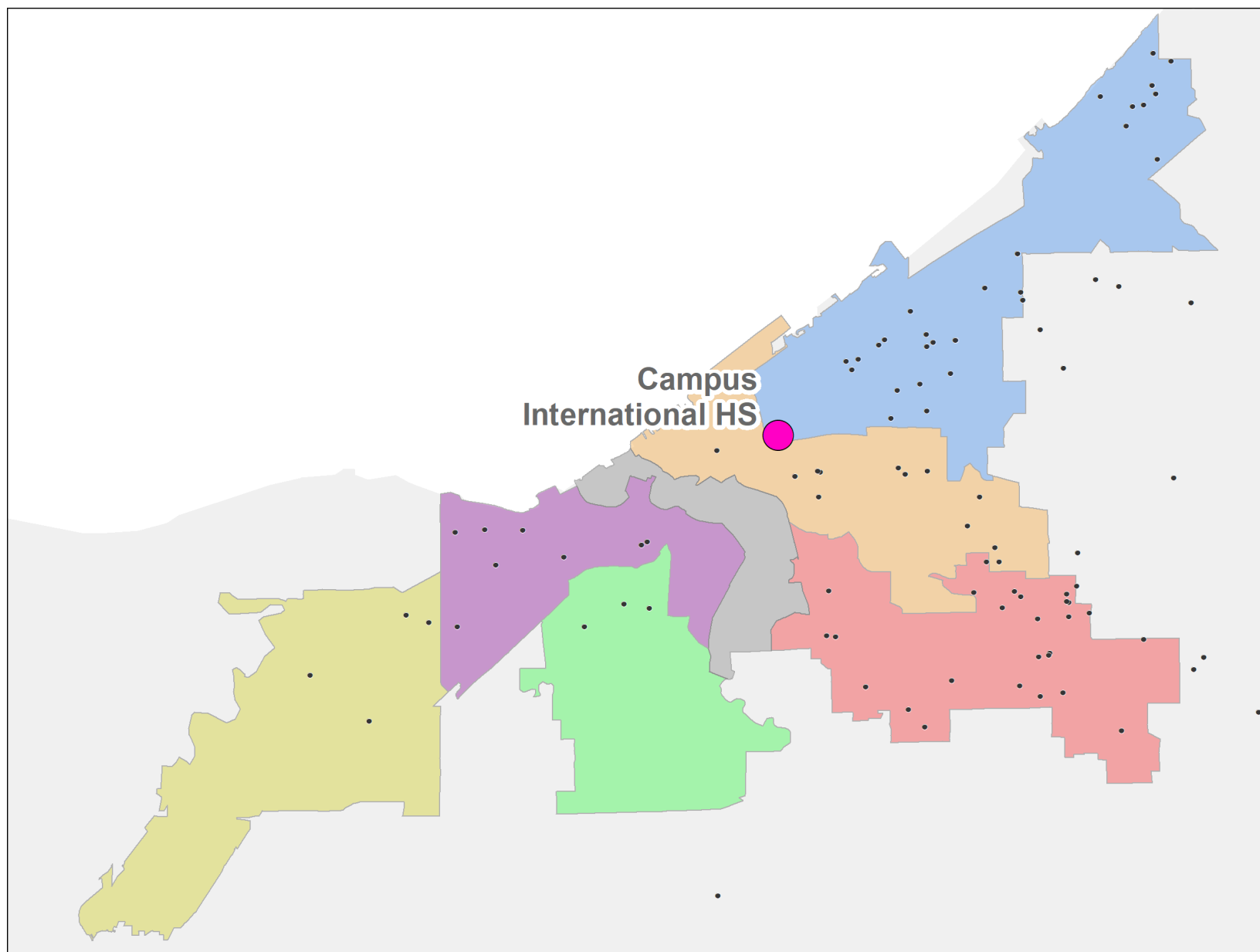
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

# East Side High Schools: Where do students reside?

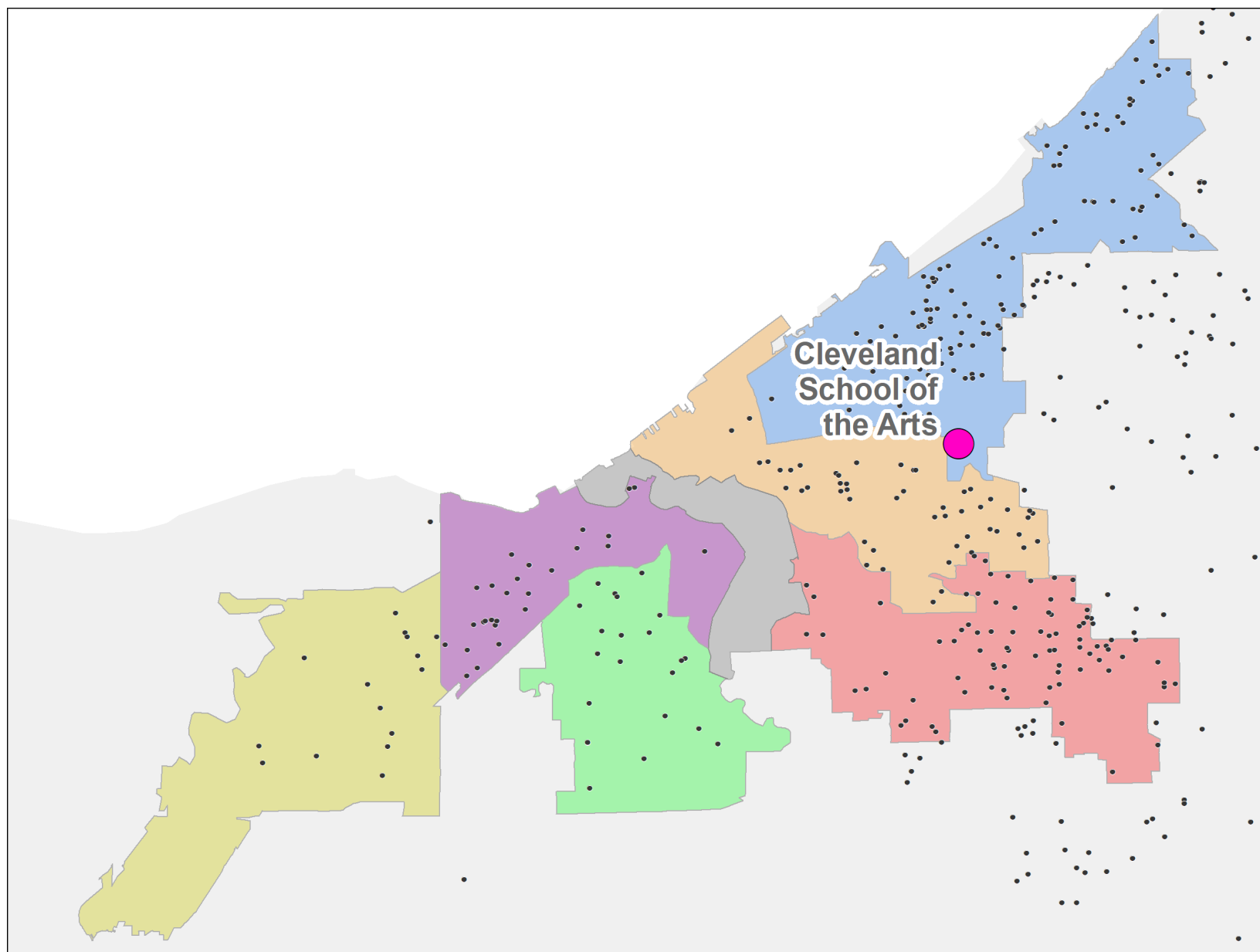
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

## East Side High Schools: Where do students reside?

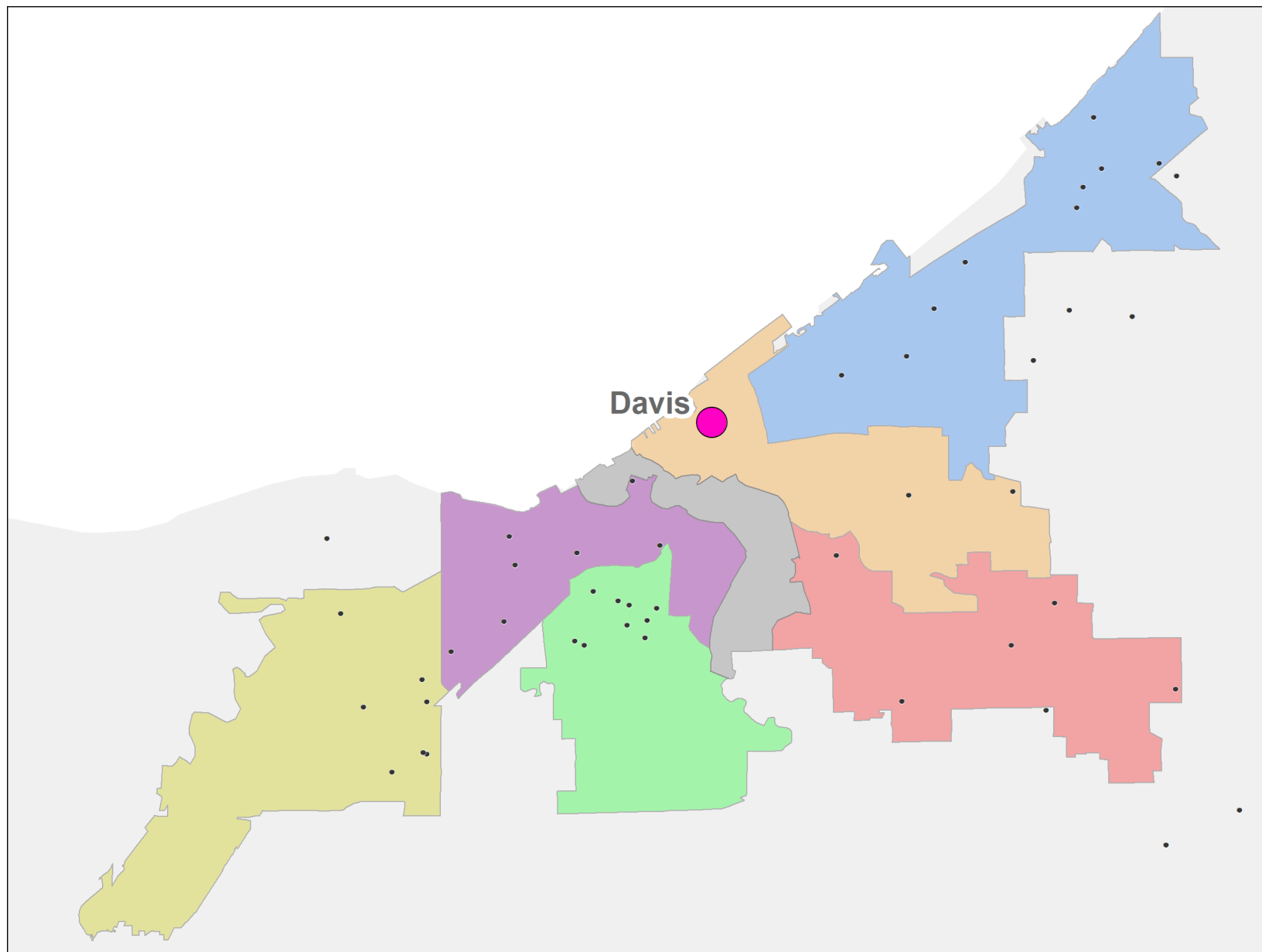
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

## East Side High Schools: Where do students reside?

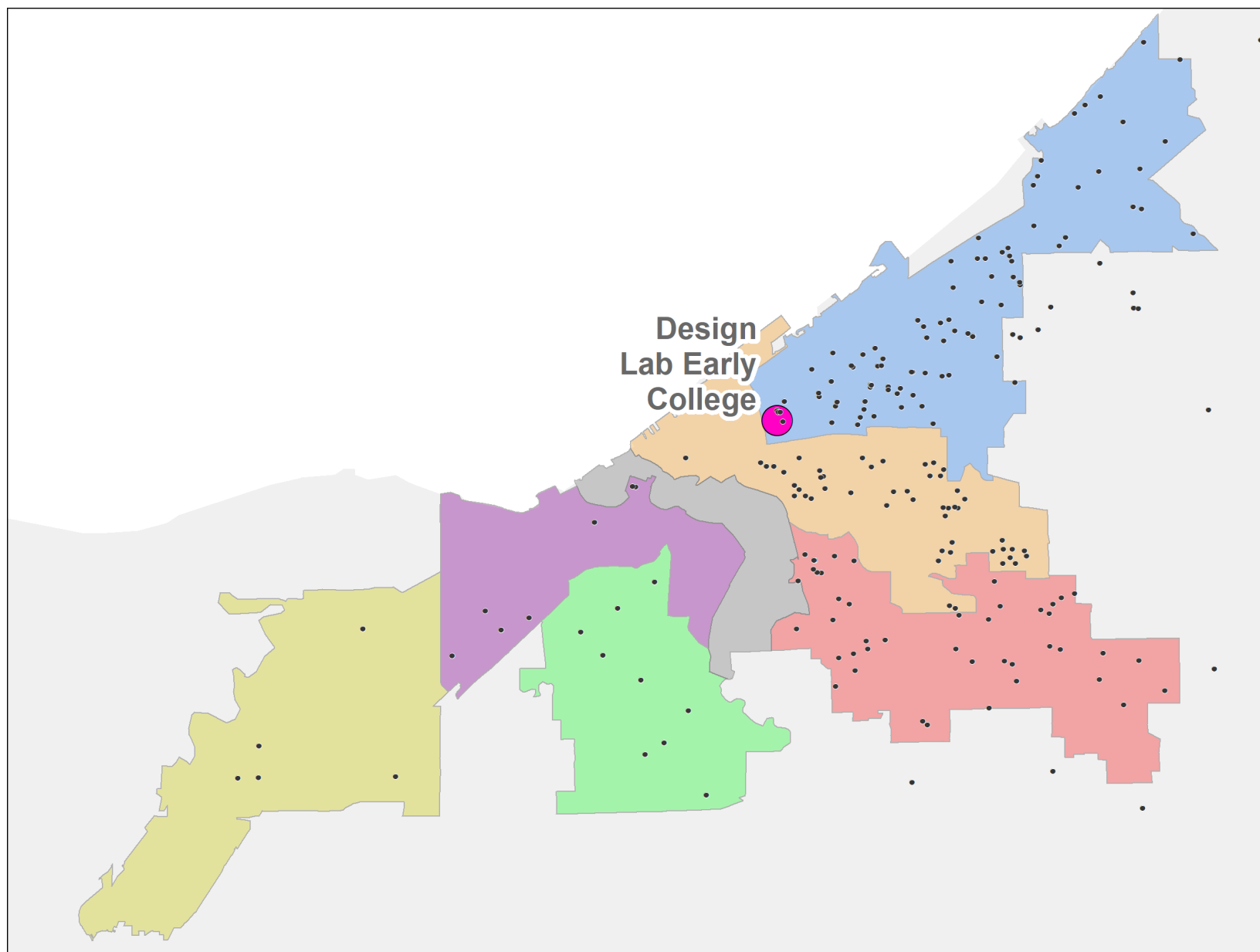
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

# East Side High Schools: Where do students reside?

March 19, 2019 Discussion Draft

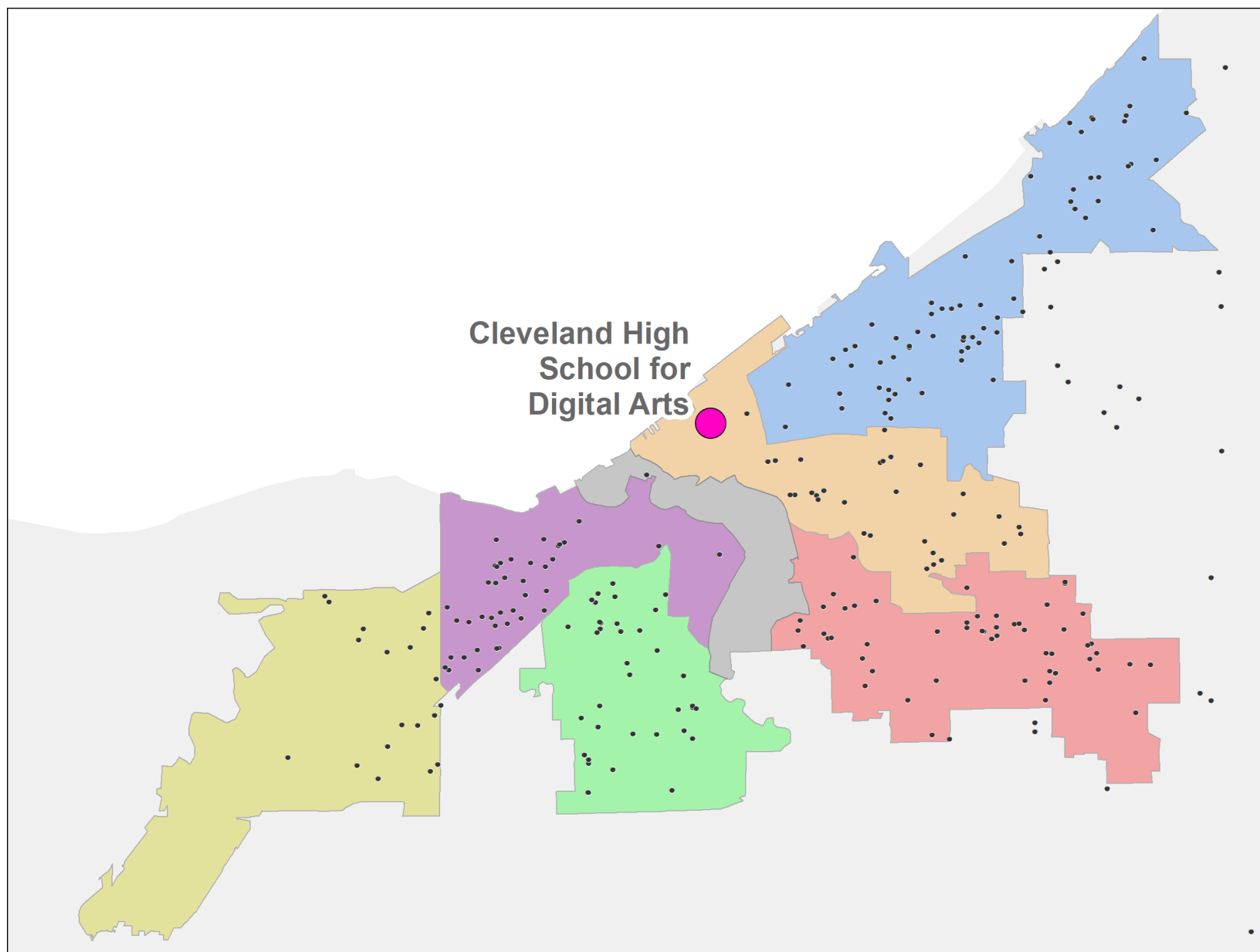


SOURCE: 2017-18 geo-coded enrollment data



# East Side High Schools: Where do students reside?

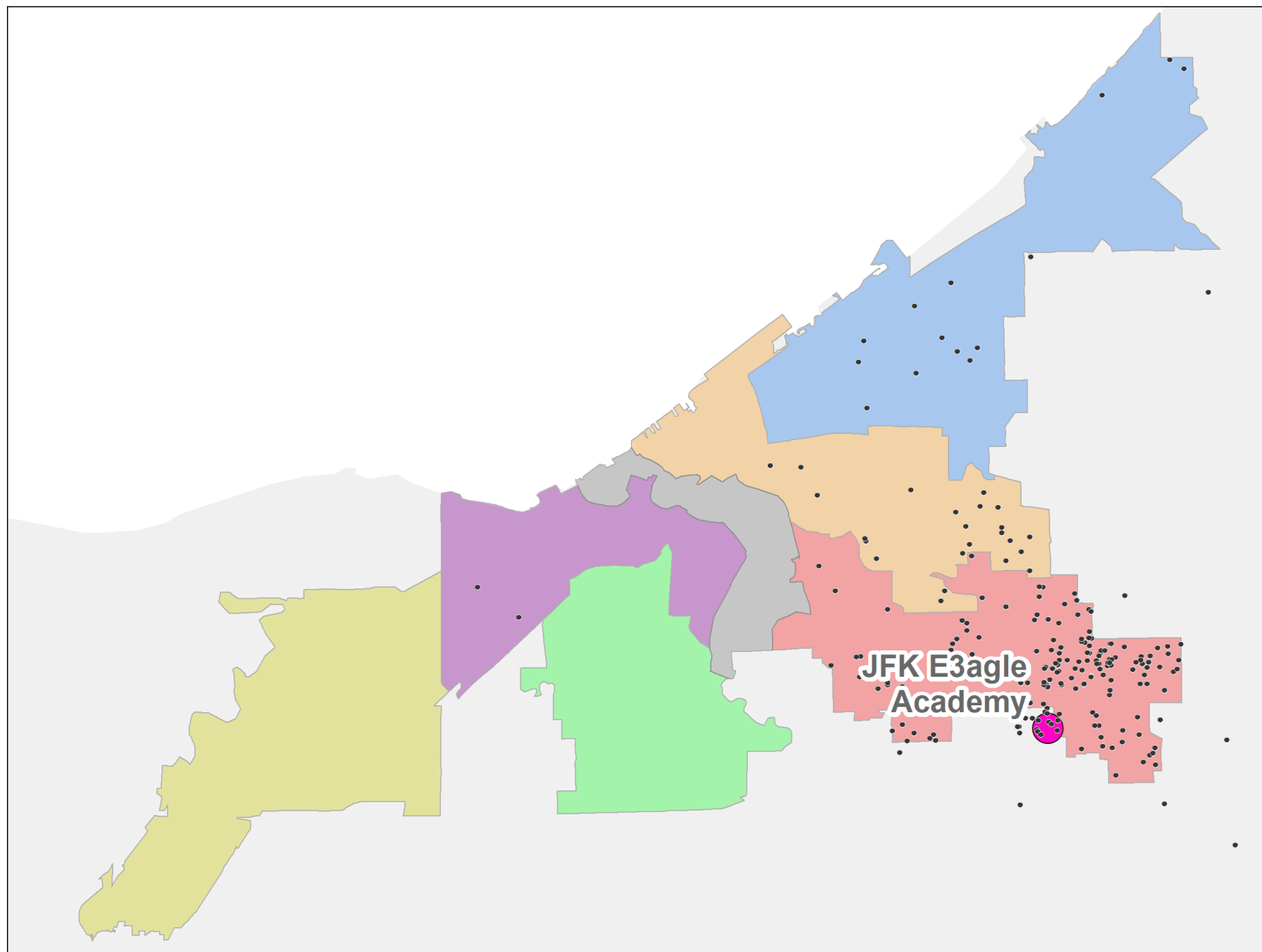
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

# East Side High Schools: Where do students reside?

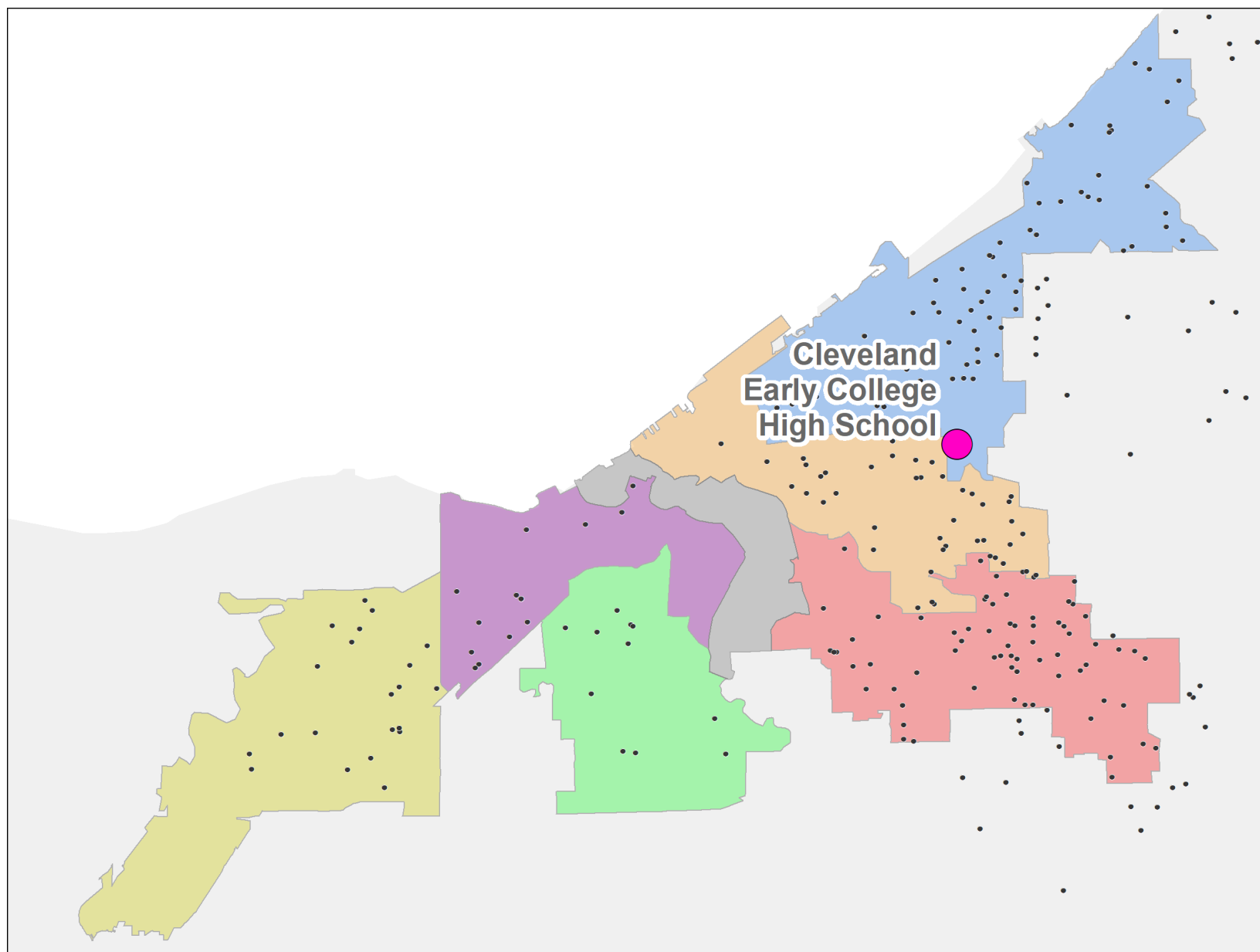
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

## East Side High Schools: Where do students reside?

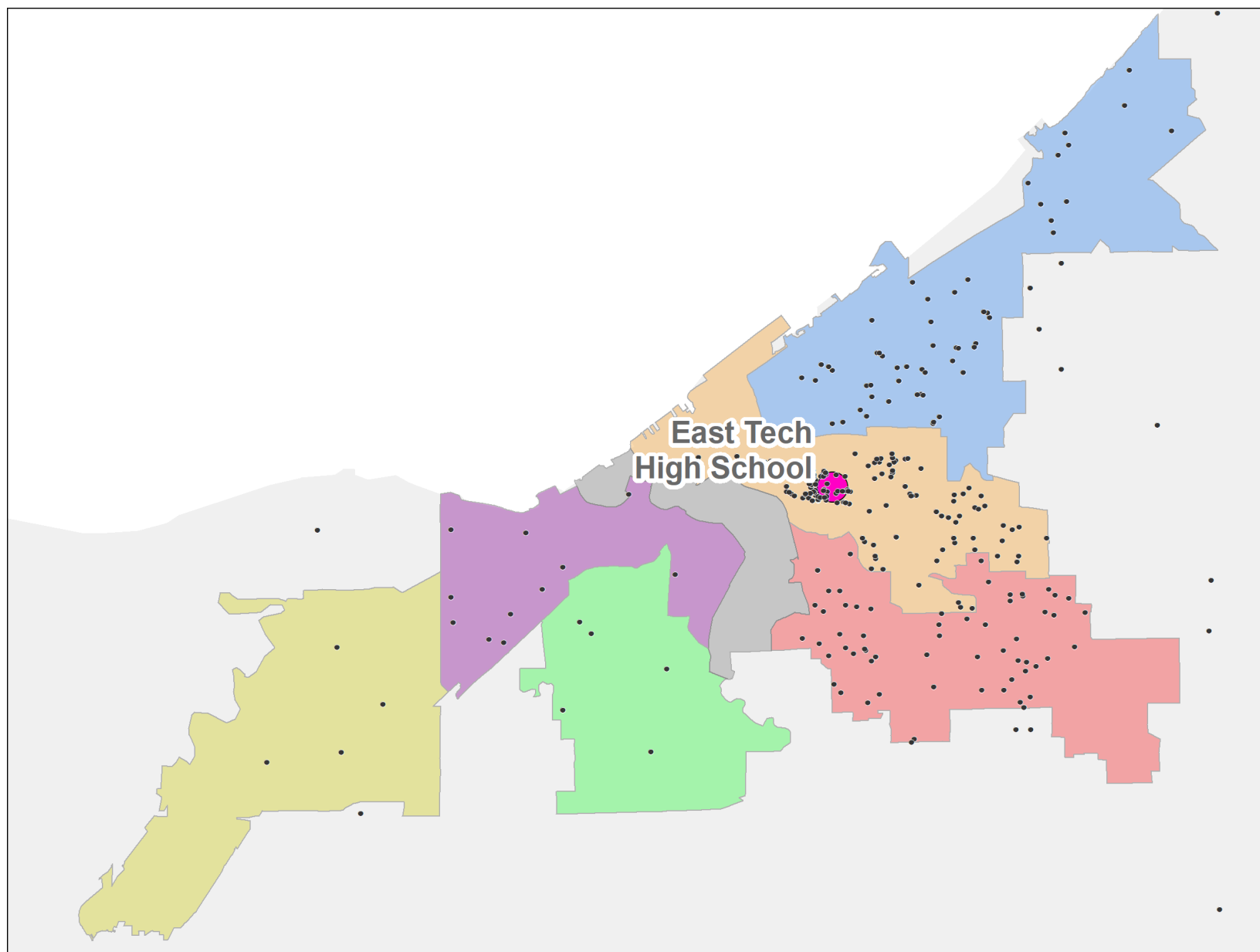
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

## East Side High Schools: Where do students reside?

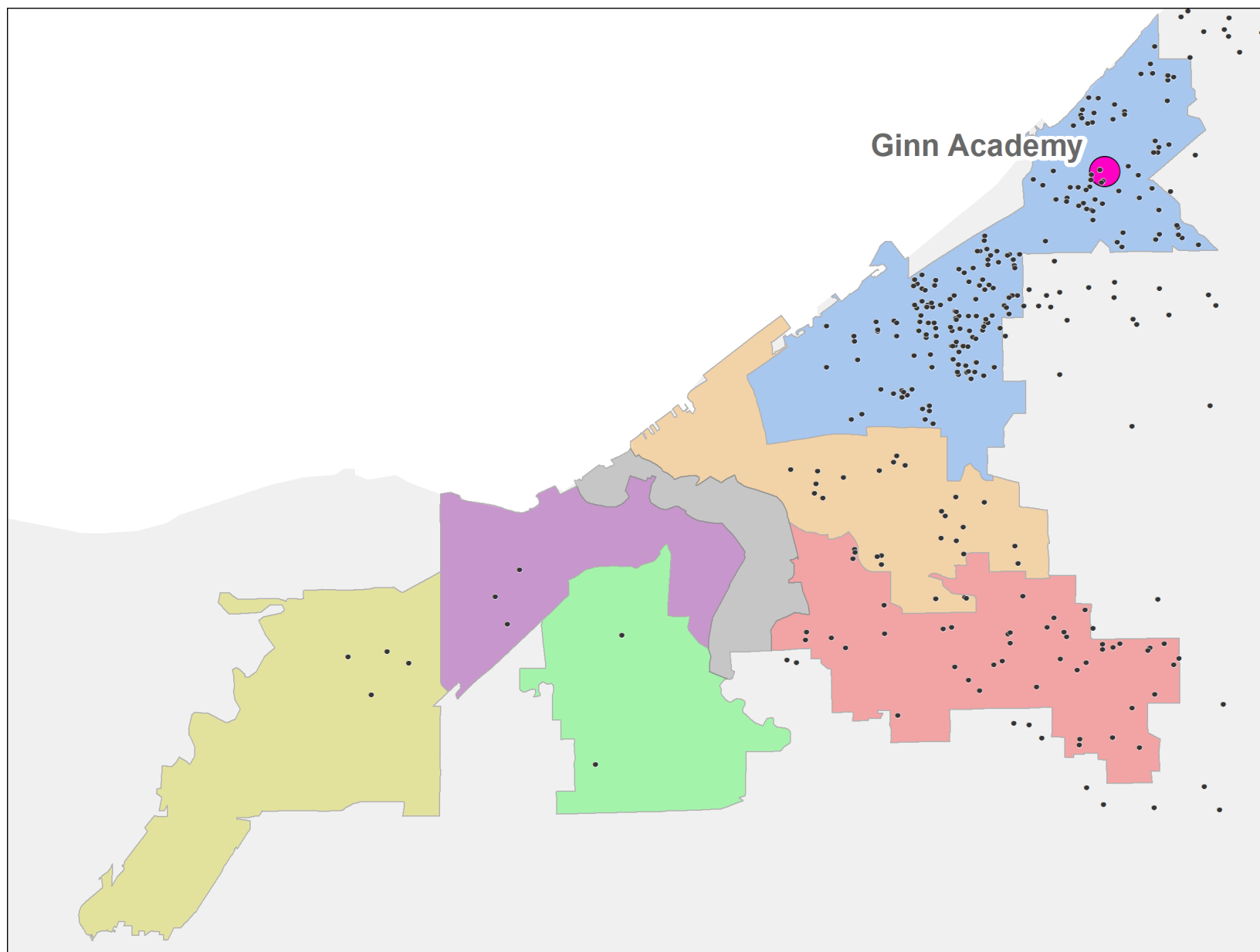
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

## East Side High Schools: Where do students reside?

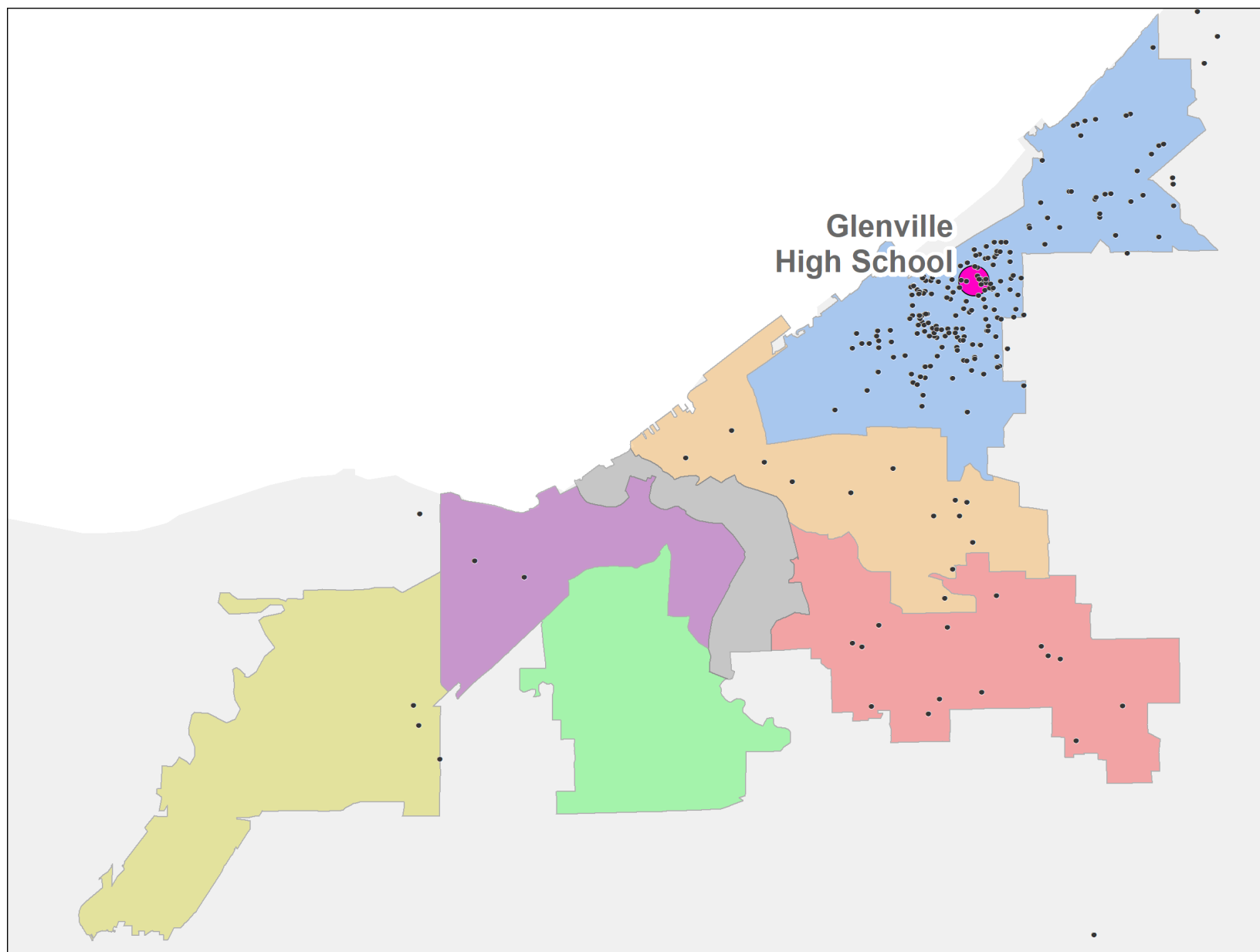
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

## East Side High Schools: Where do students reside?

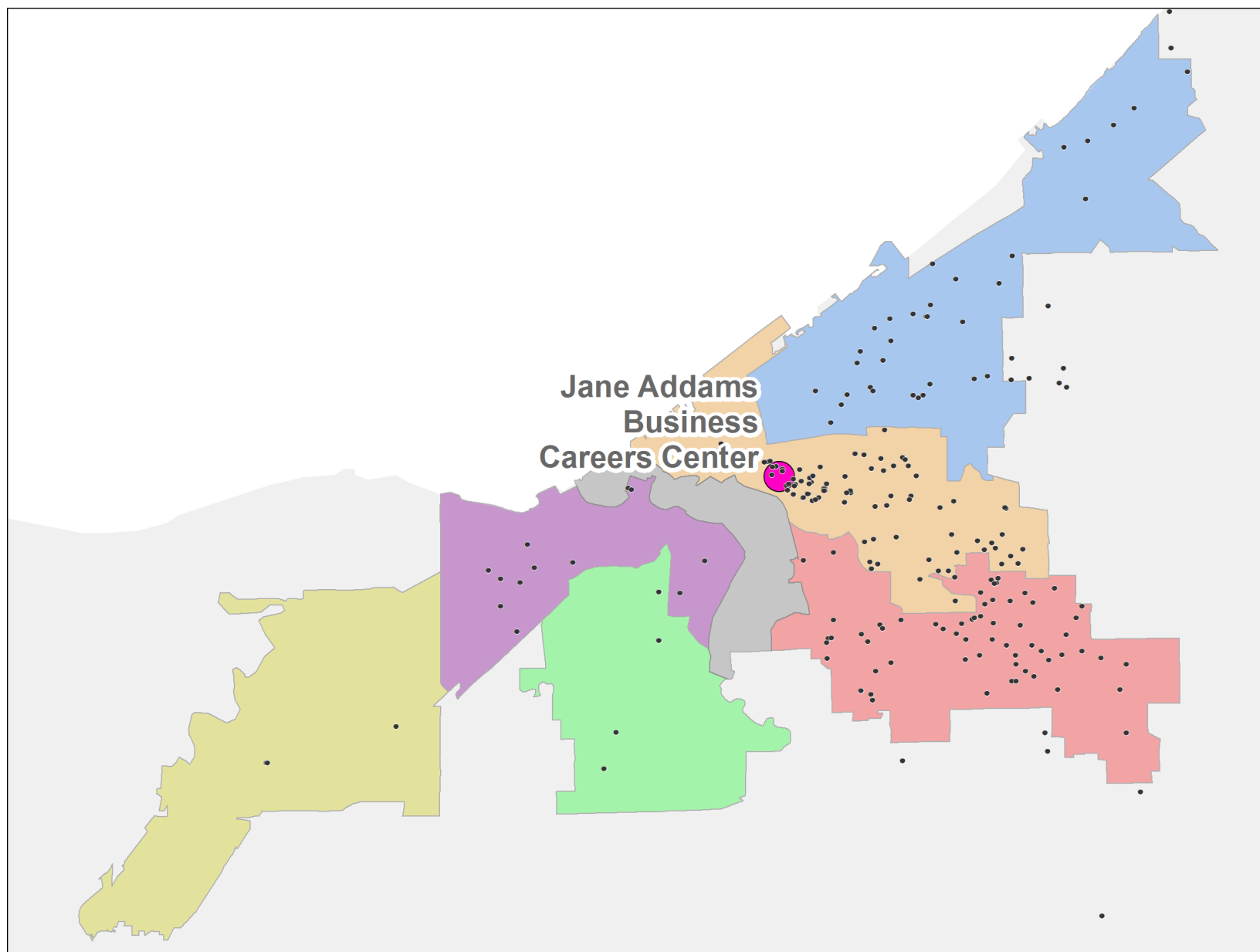
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

# East Side High Schools: Where do students reside?

March 19, 2019 Discussion Draft

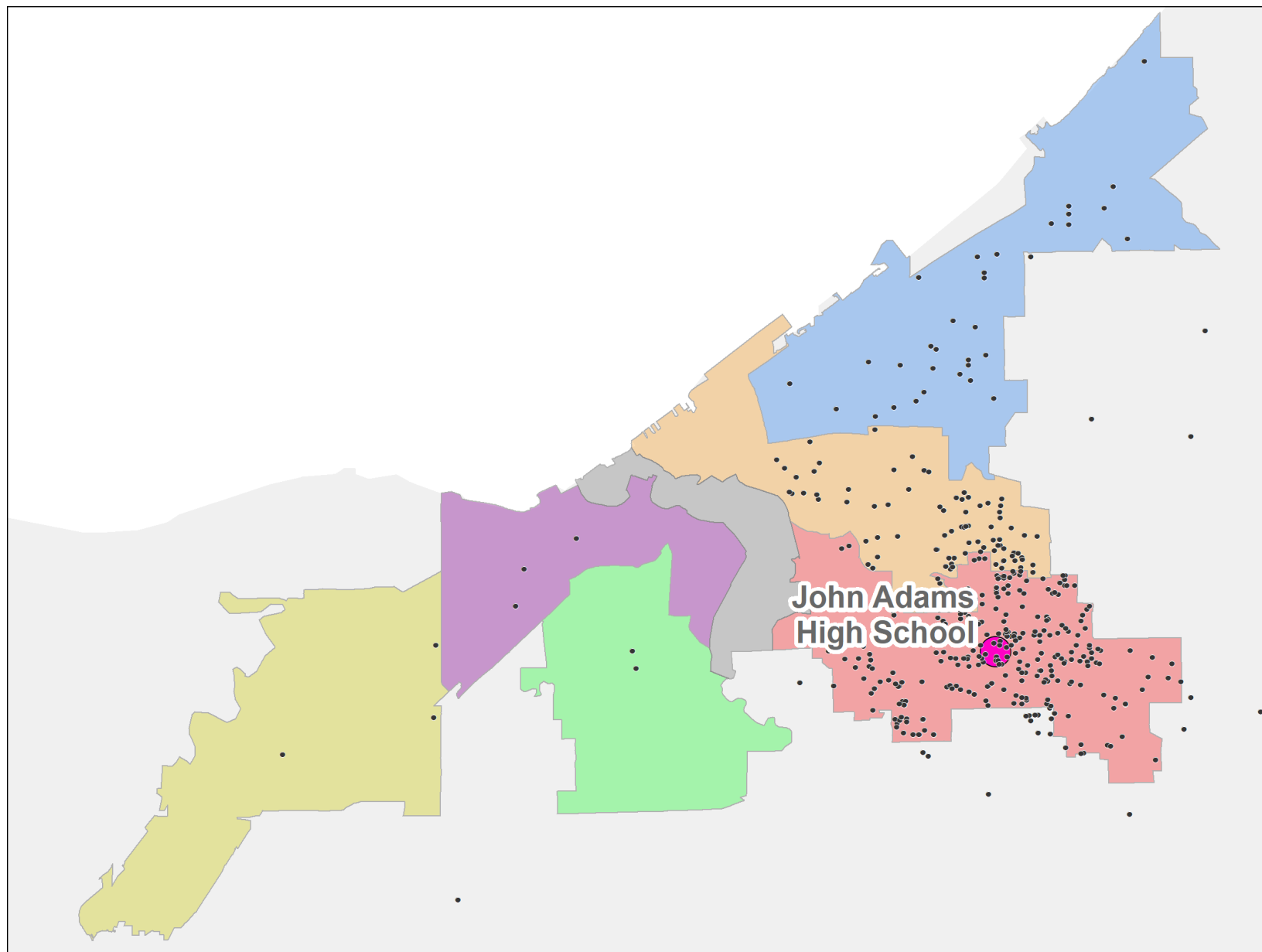


SOURCE: 2017-18 geo-coded enrollment data



## East Side High Schools: Where do students reside?

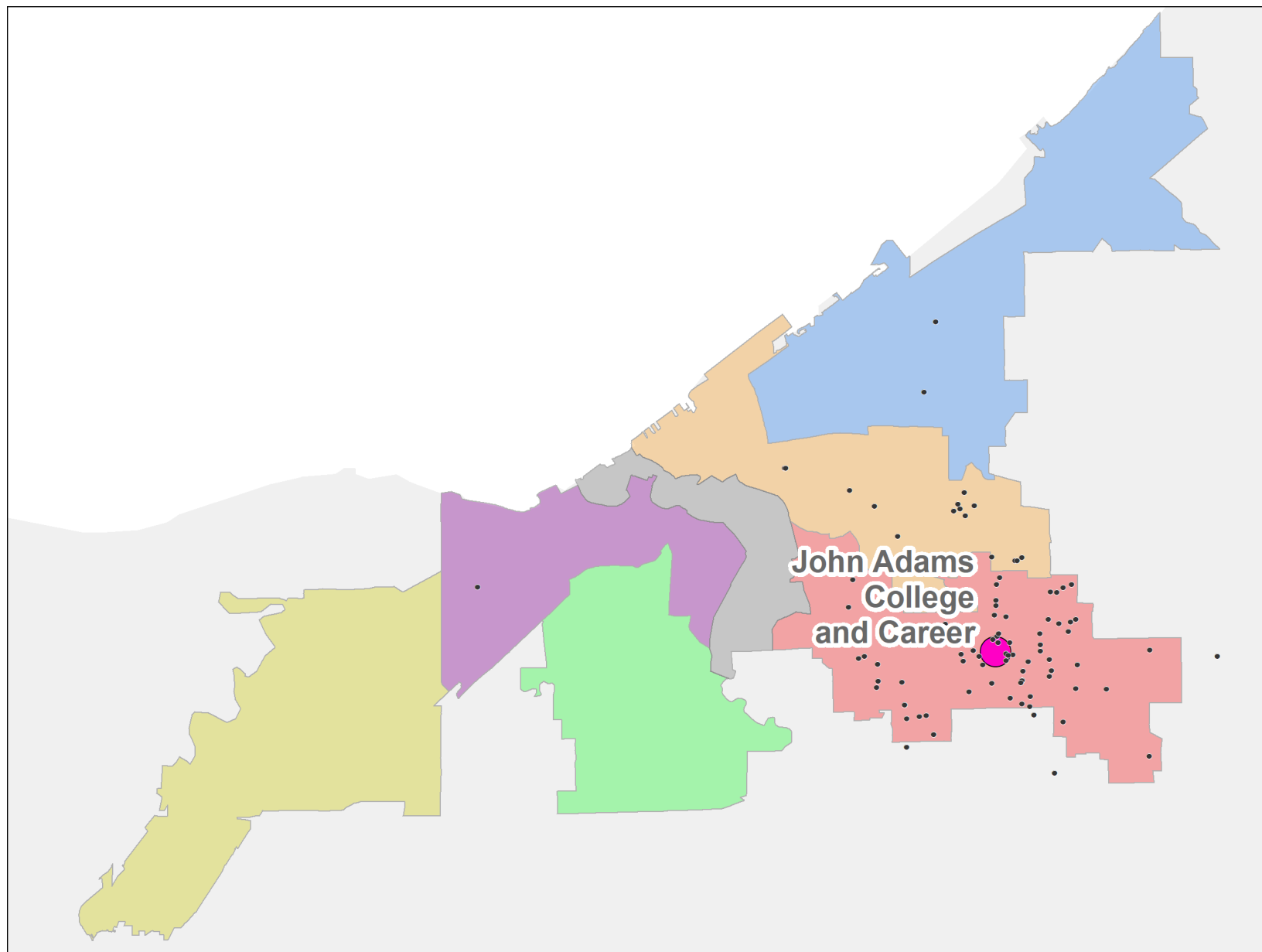
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

## East Side High Schools: Where do students reside?

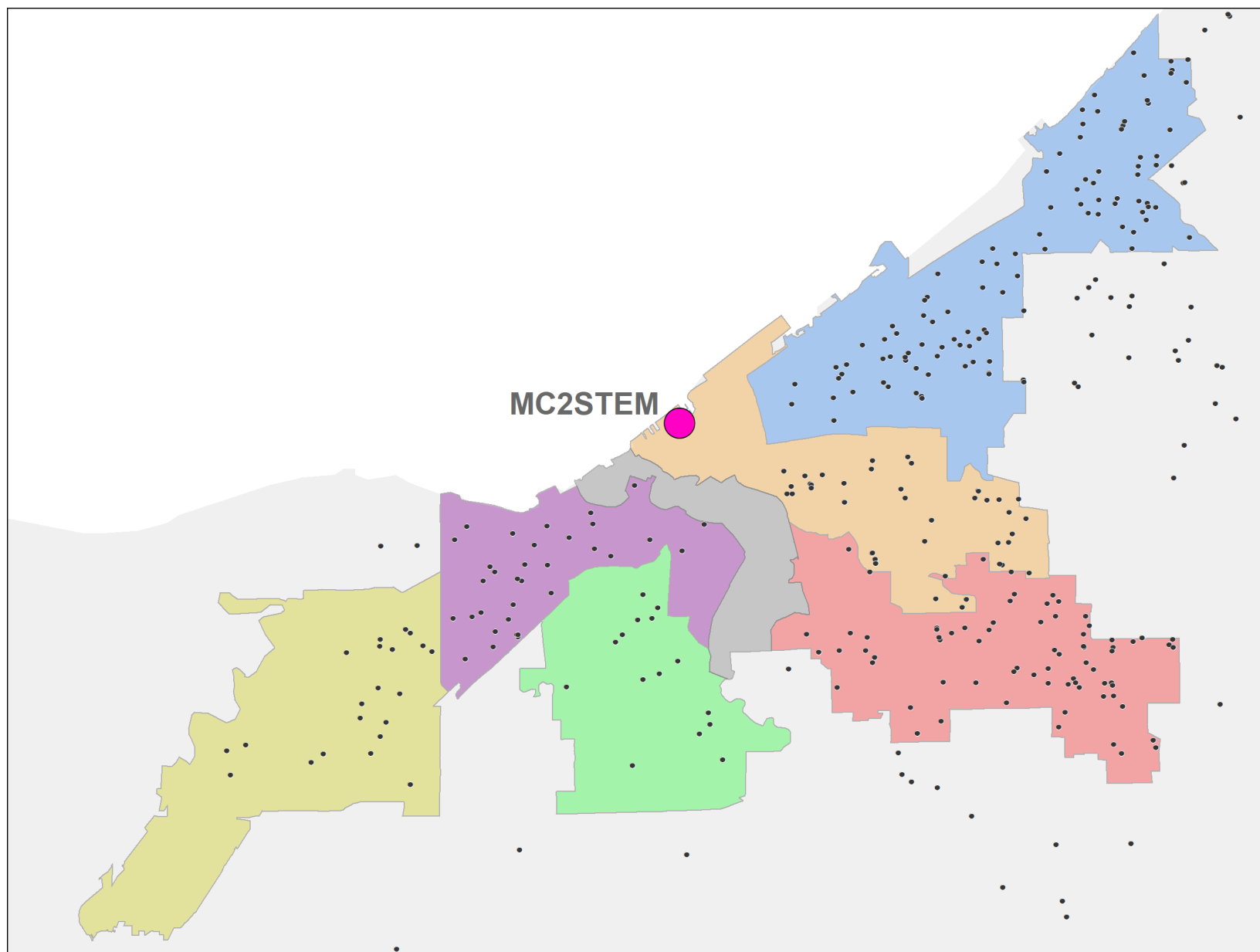
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

# East Side High Schools: Where do students reside?

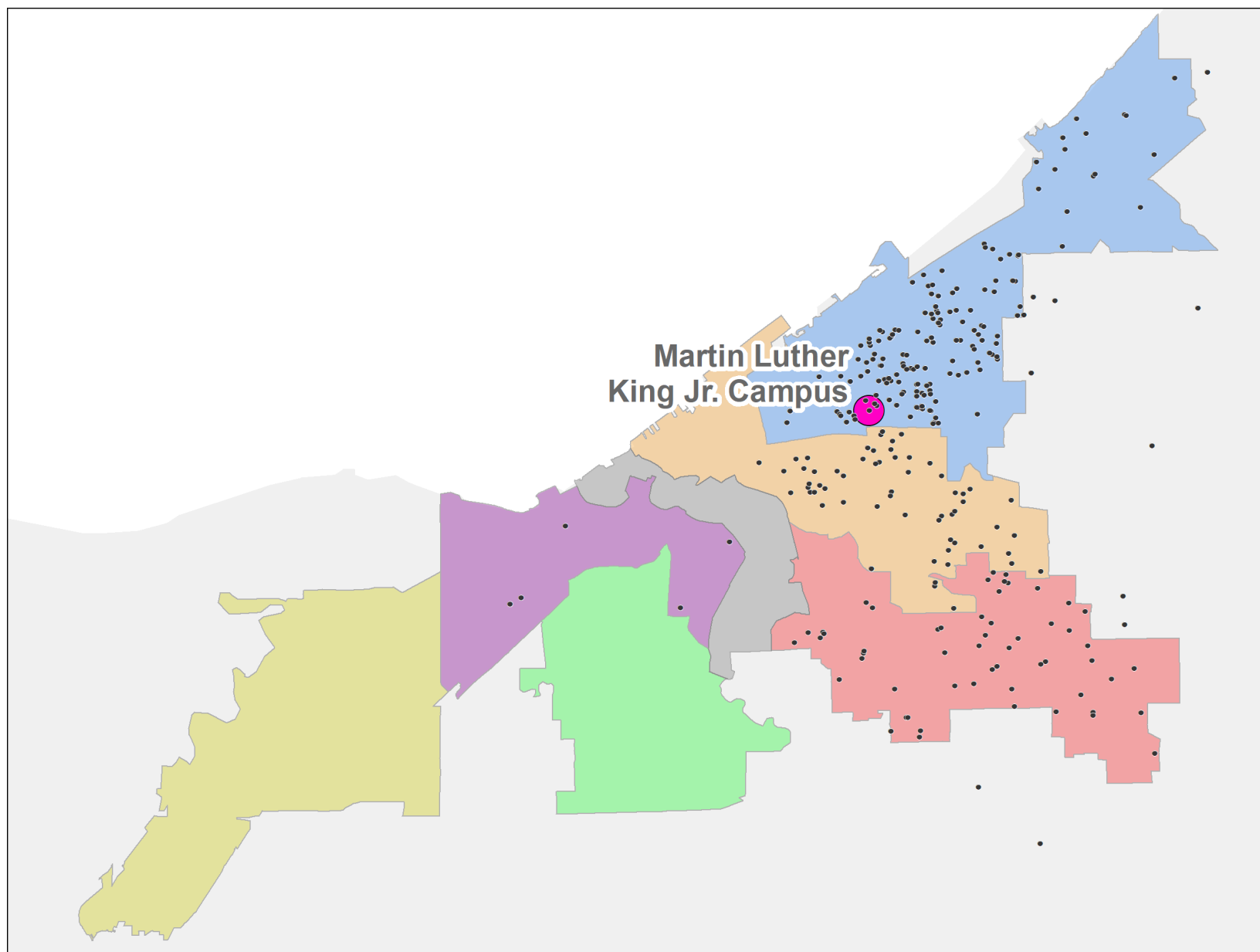
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

## East Side High Schools: Where do students reside?

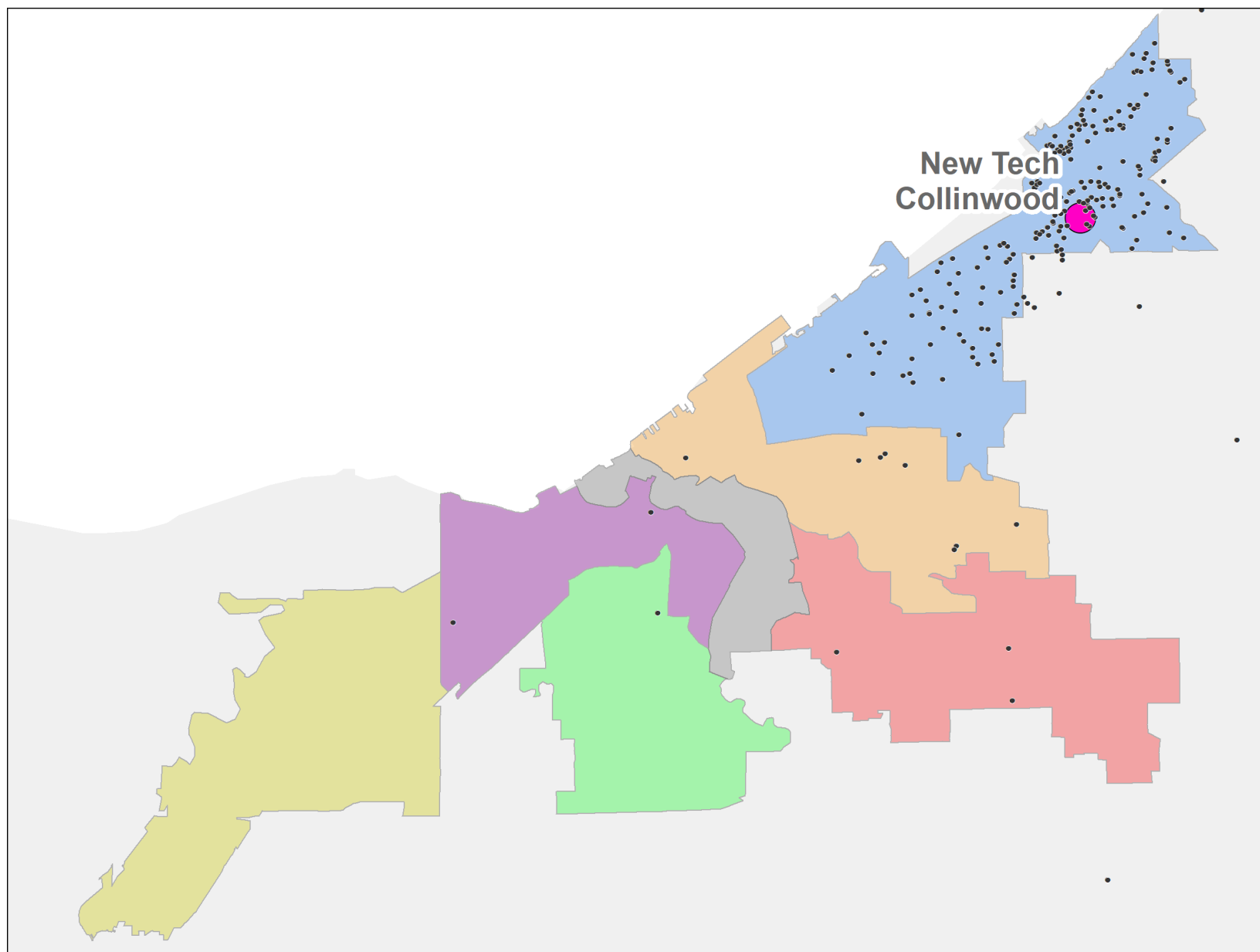
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

## East Side High Schools: Where do students reside?

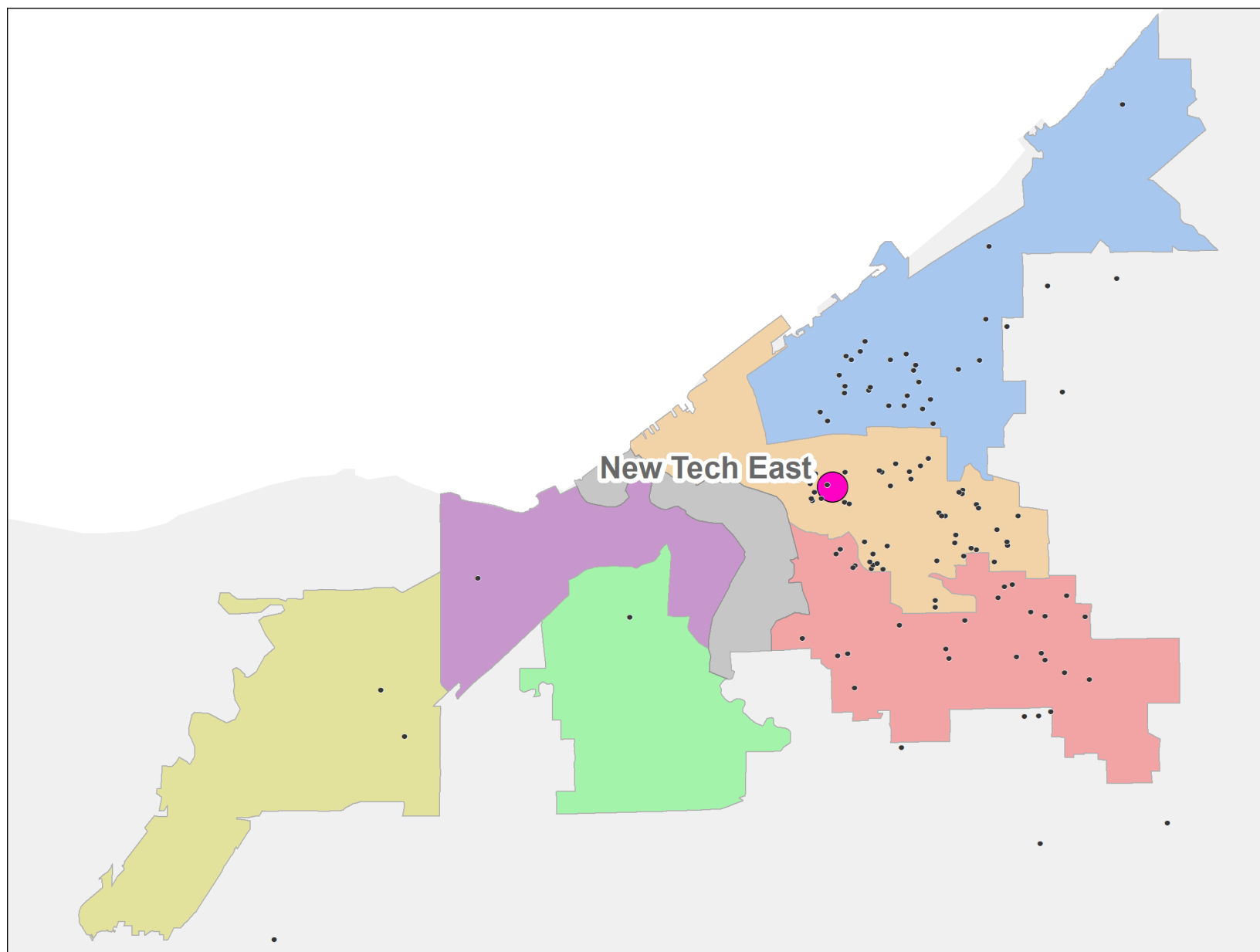
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

# East Side High Schools: Where do students reside?

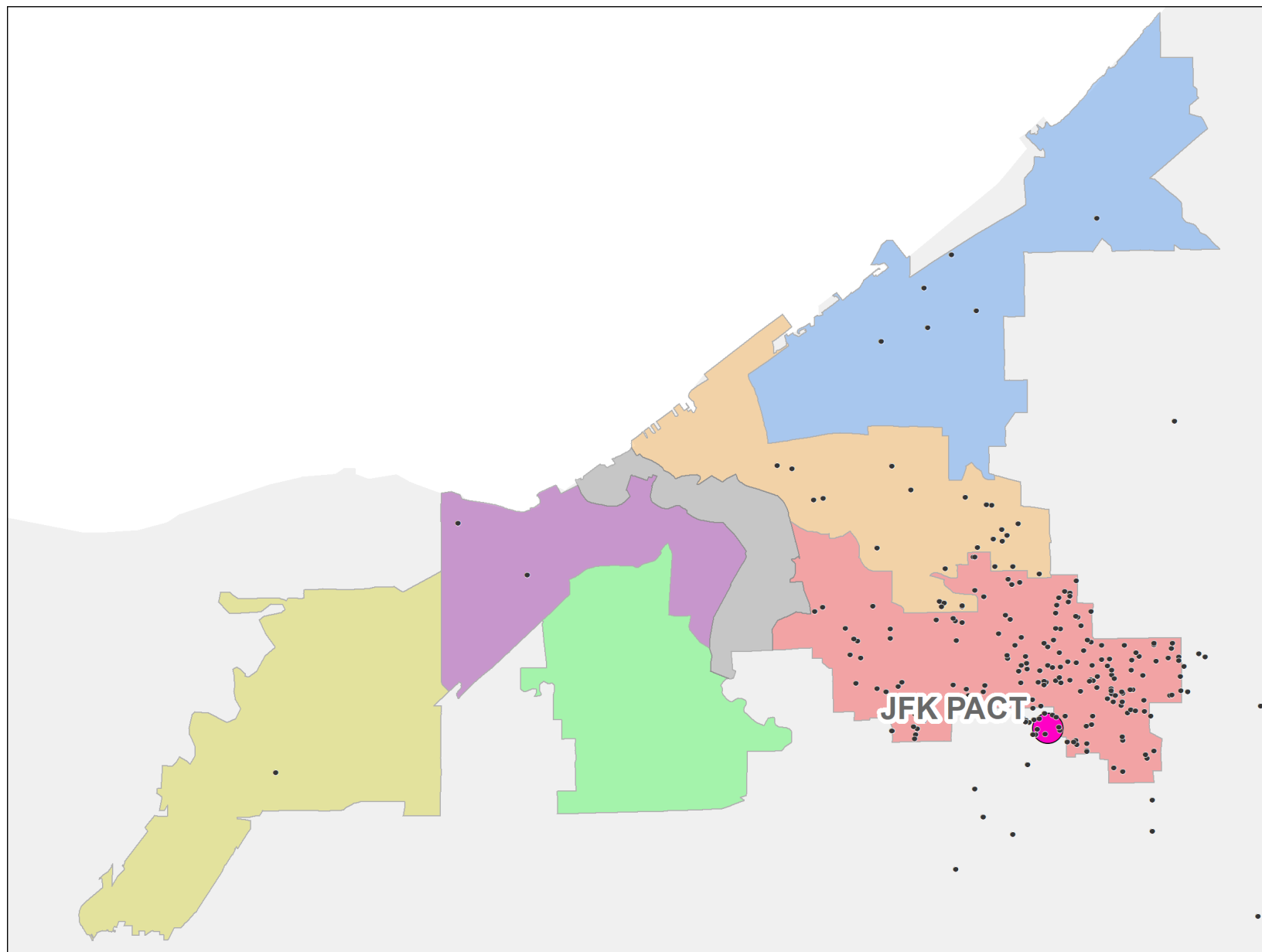
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

# East Side High Schools: Where do students reside?

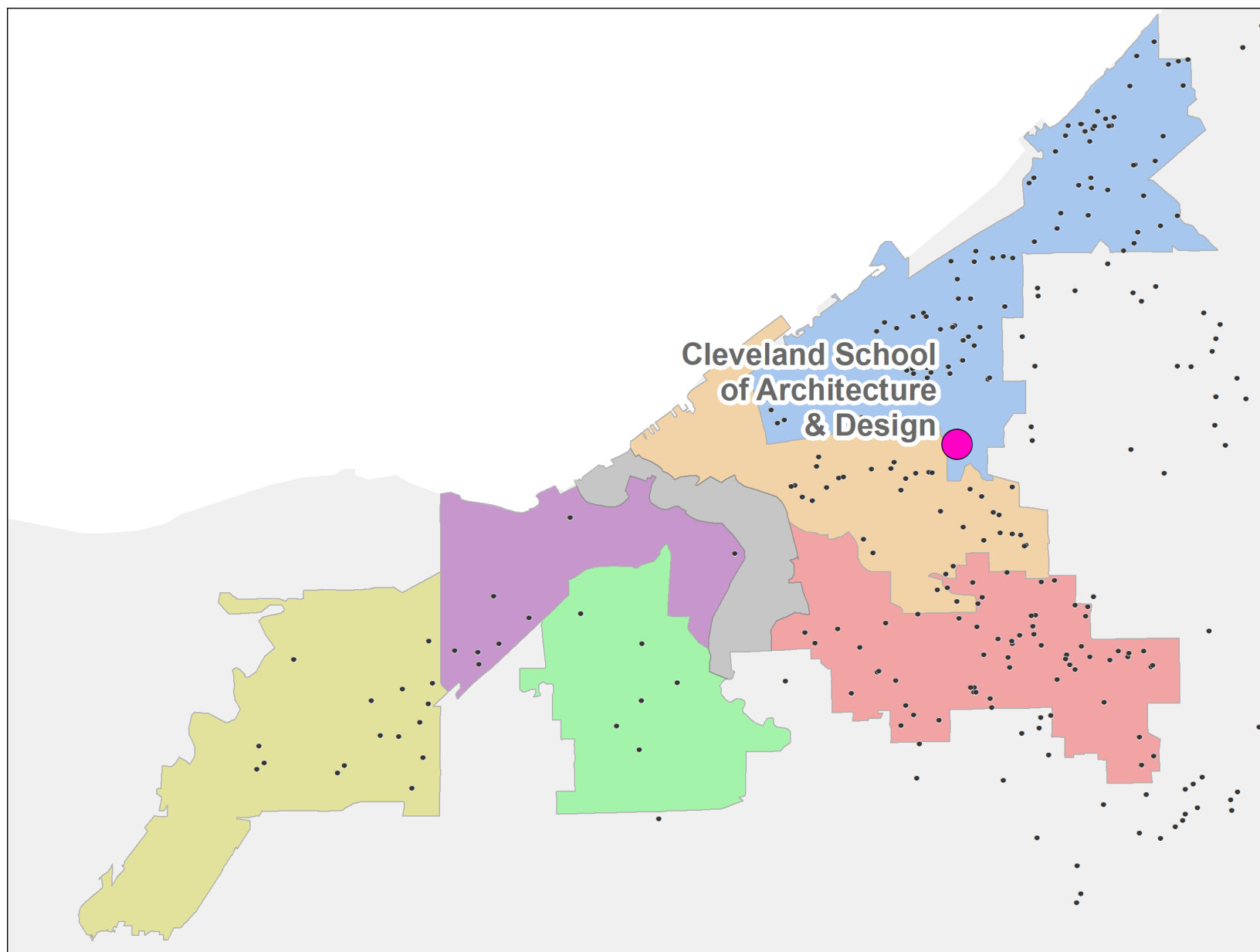
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

## East Side High Schools: Where do students reside?

March 19, 2019 Discussion Draft

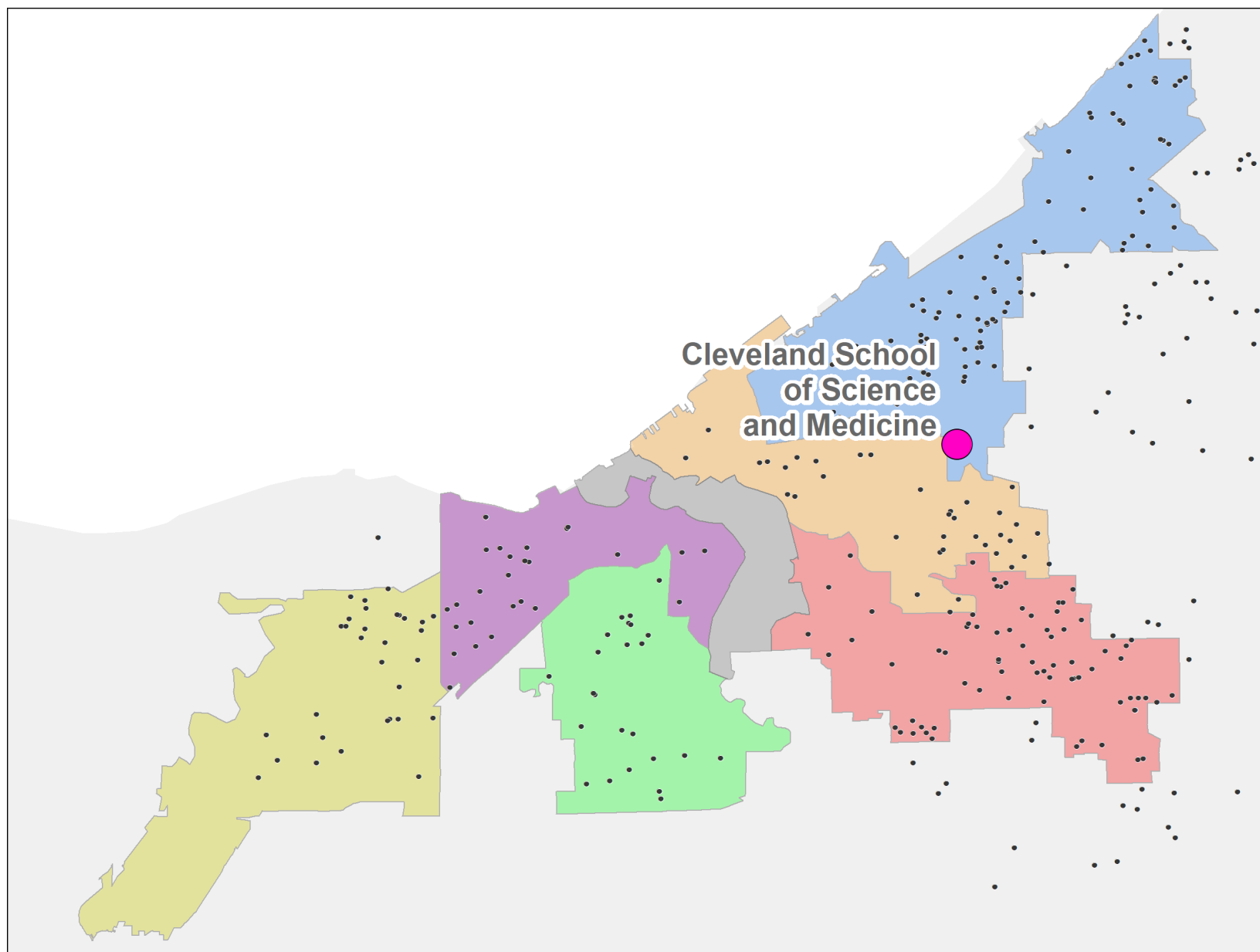


SOURCE: 2017-18 geo-coded enrollment data



## East Side High Schools: Where do students reside?

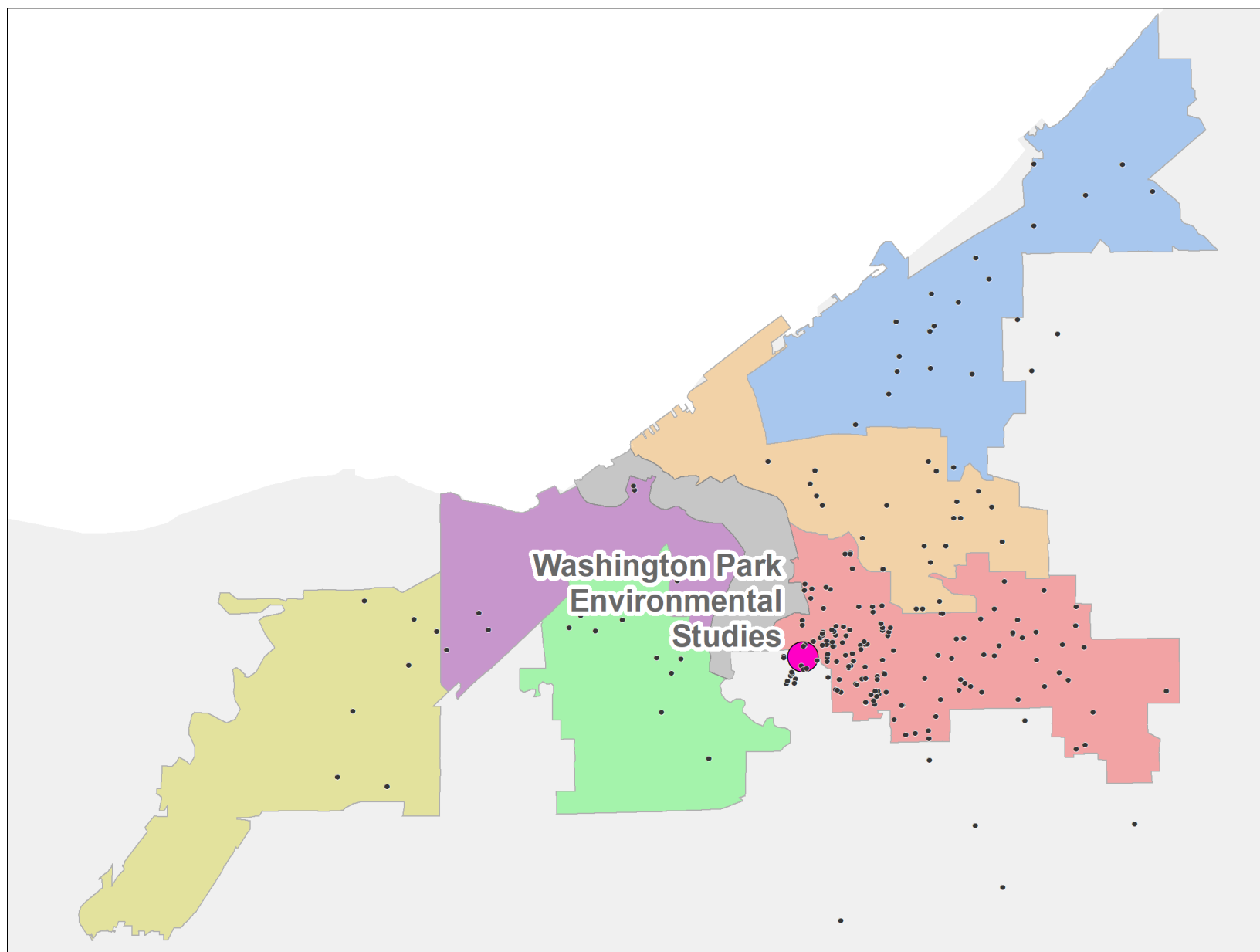
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

## East Side High Schools: Where do students reside?

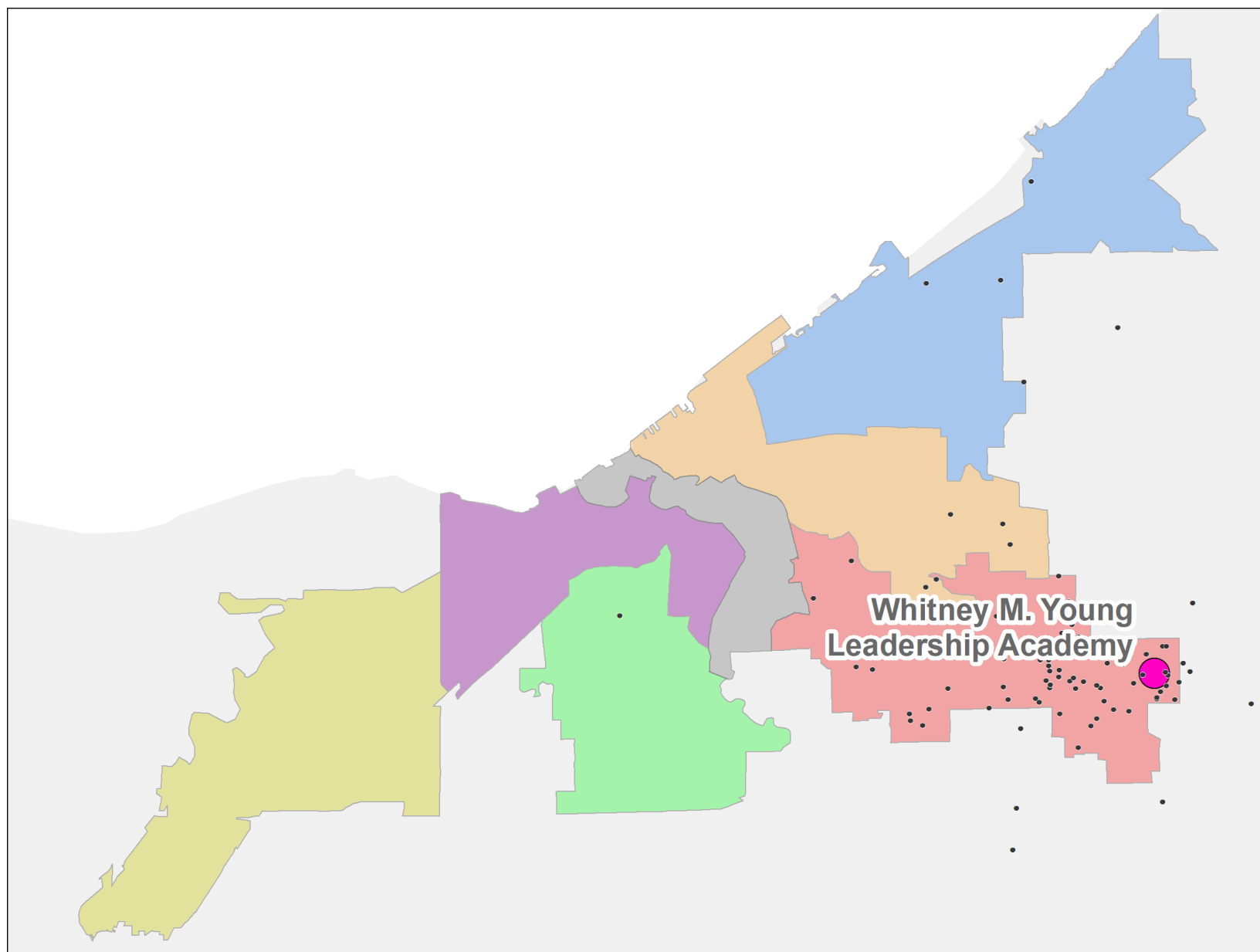
March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data

# East Side High Schools: Where do students reside?

March 19, 2019 Discussion Draft



SOURCE: 2017-18 geo-coded enrollment data