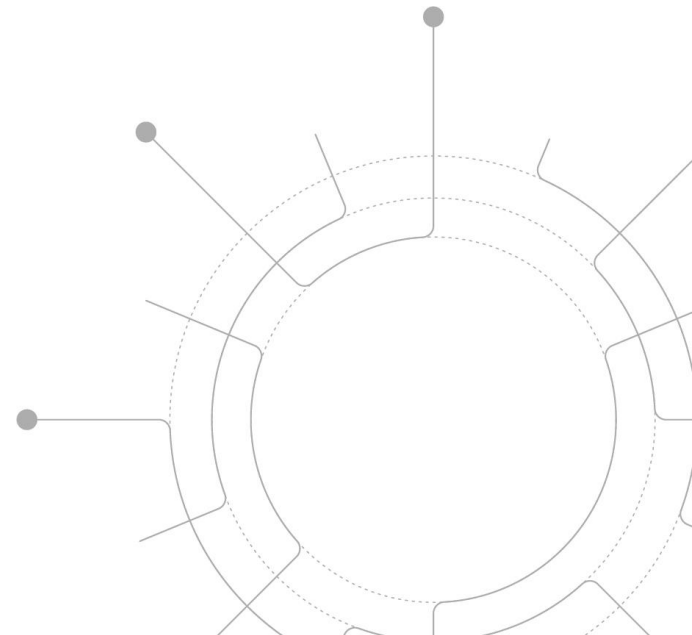




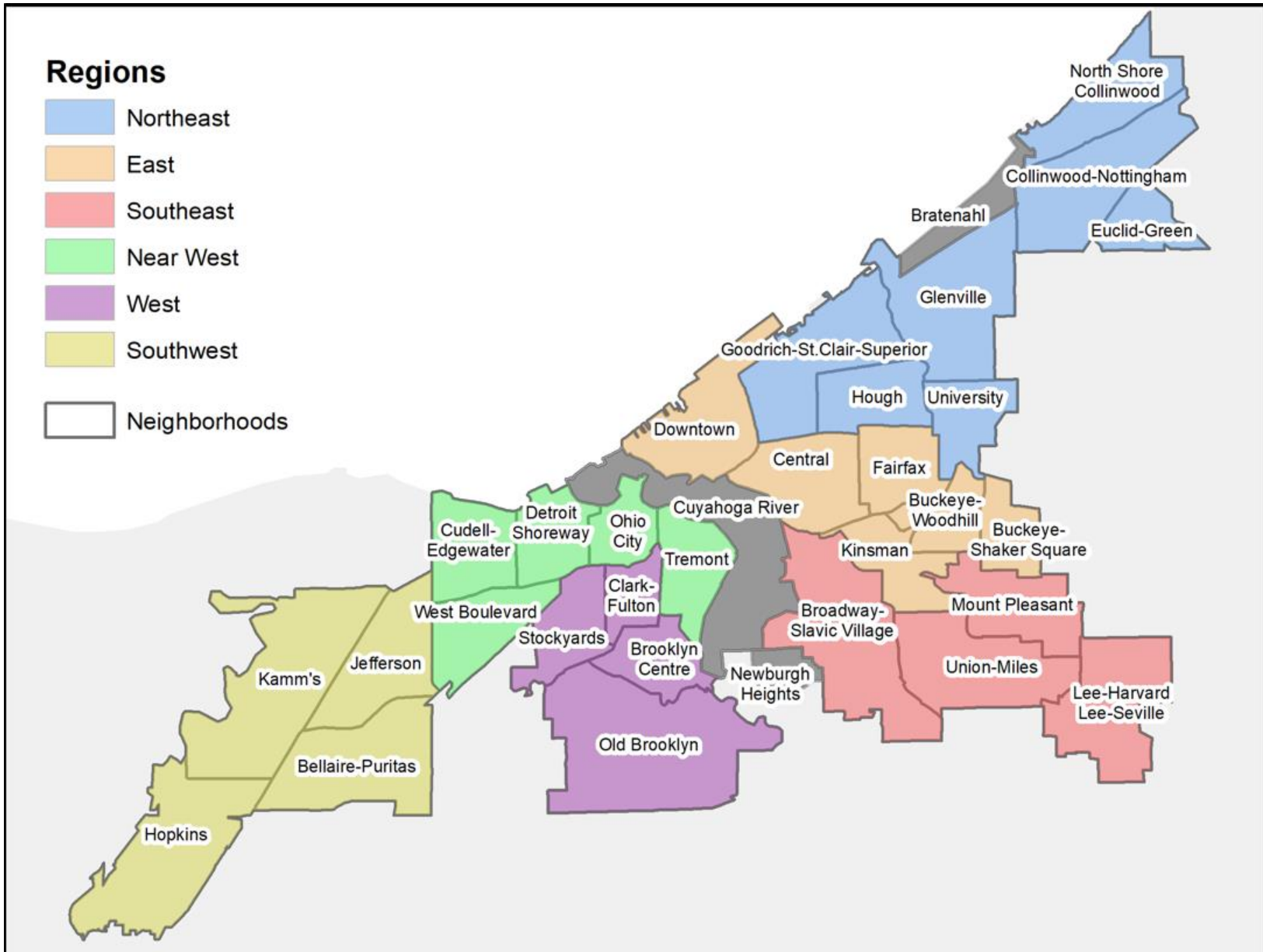
CITYWIDE ANALYSIS

High School Fact Base: Northeast,
East and Southeast Regions

Fall 2019



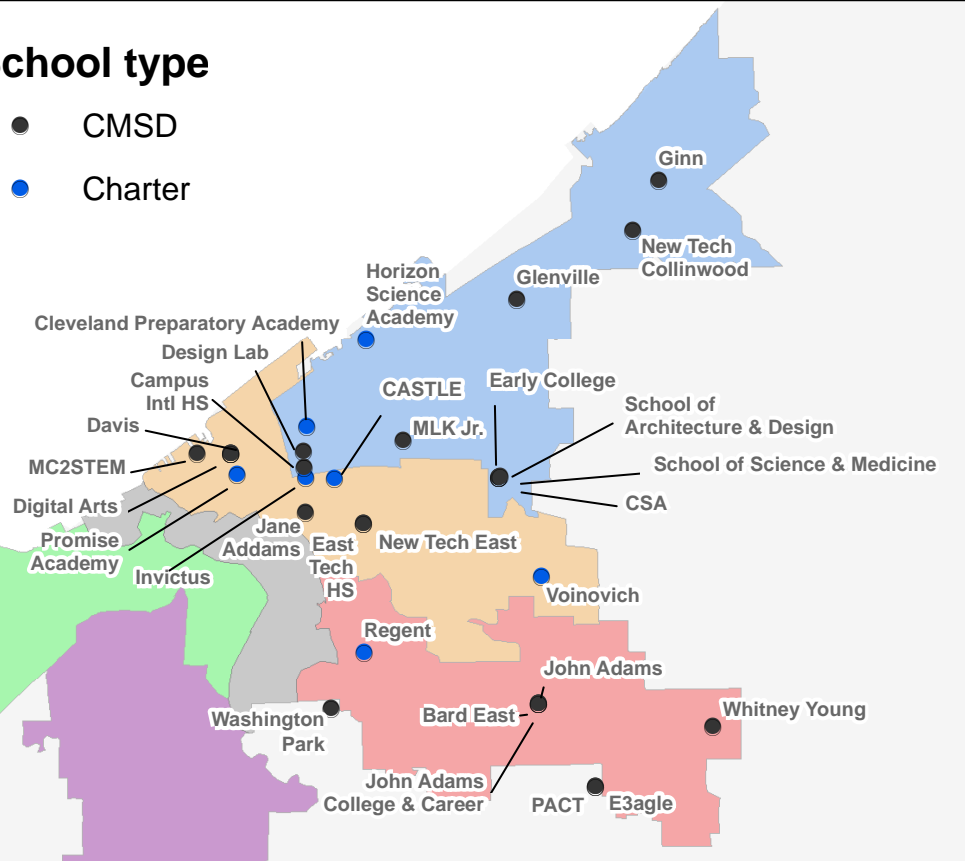
Northeast, East and Southeast Regions: Neighborhoods



Northeast, East and Southeast Regions: High Schools

School type

- CMSD
- Charter



District High Schools (23 total in 17 facilities)

Northeast

- Architecture & Design
- Campus International
- CSA
- Design Lab
- Early College
- Ginn
- Glenville
- MLK Jr.
- New Tech Collinwood
- Science & Medicine

East

- Davis
- Digital Arts
- East Tech
- Jane Addams
- MC2STEM
- New Tech East

Southeast

- Bard East
- E3agle
- John Adams
- John Adams College and Career
- PACT
- Washington Park
- Whitney Young

Charter High Schools (7 total)

- Cleveland Preparatory Academy
- Horizon Science

- CASTLE
- Invictus
- Promise Academy
- George Voinovich

- Regent

Northeast, East and Southeast Regions: High School Metric Highlights

Academic Quality



- 28% of high school enrollment on the east side is in A, B or C-rated schools.
- 100% of District B-rated high schools on the east side have admissions criteria.

Enrollment and Choice



- Combined, District and charter high school enrollment is forecast to decline nearly 700 students, or 8%, by 2022-23 (from 2013-14 levels).
- 64% 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, including a phase-out.

Building Use and Condition



- 45% of District high school seats are utilized with roughly 7,200 vacant high school seats in the area, which is nearly five times greater than the amount of open seats on the west side.
- Approximately 52% 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)	186 (phase-in)	N/A (Swing Space)
Davis	D+ (New)	Positive (phase-in)	100 (phase-in)	N/A (Swing Space)
Design Lab	F (--)	Positive	268	89%
Digital Arts	D+ (--)	Positive	315	N/A (Swing Space)
MC2STEM	D (--)	Negative	359	N/A (multi campus)

Metric	2019 ODE Report Card Score ¹ (2019 Performance Trend ²)	2014-15 vs. 2018-19 High School Enrollment Change	2018-19 High School Enrollment ³	2018-19 District Adjusted Capacity Utilization ⁴
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 2019 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 2019 performance index and high school graduation rate

3 Data reported is 2018-19 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

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	320	81% ⁵
CSA	C (--)	Negative	480	62%
Early College	B+ (--)	Positive	315	81% ⁵
Ginn	D+ (--)	Positive	363	52%
Glenville	D+ (--)	Negative	384	21% ⁵
MLK Jr.	F+ (--)	Negative	338	52%
New Tech Collinwood	D- (↓)	Negative	305	19% ⁵
Science & Medicine	B (--)	Positive	413	81% ⁵
School of One: Collinwood	C (--)	N/A	15	19% ⁵
School of One: Glenville	C (--)	N/A	27	21% ⁵

Metric	2019 ODE Report Card Score ¹ (2019 Performance Trend ²)	2014-15 vs. 2018-19 High School Enrollment Change	2018-19 High School Enrollment ³	2018-19 District Adjusted Capacity Utilization ⁴
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 2019 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 2019 performance index and high school graduation rate

³ Data reported is 2018-19 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 2018-19 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	F+ (--)	Negative	348	62% ⁵
Jane Addams	D- (--)	Negative	232	29%
New Tech East	C- (--)	Flat	134	62% ⁵
School of One: East Tech	C (--)	N/A	25	62% ⁵

Metric	2019 ODE Report Card Score ¹ (2019 Performance Trend ²)	2014-15 vs. 2018-19 High School Enrollment Change	2018-19 High School Enrollment ³	2018-19 District Adjusted Capacity Utilization ⁴
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 2019 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 2019 performance index and high school graduation rate

³ Data reported is 2018-19 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 2018-19 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	42 (phase-in)	48% ⁵
E3agle	F+ (--)	Phase-out	164 (phase-out)	31% ⁵
John Adams	F (--)	Phase-out	416 (phase-out)	48% ⁵
John Adams College & Career	F (New)	Phase-in	218 (phase-in)	48% ⁵
PACT	F (↓)	Positive	269	31% ⁵
School of One: John Adams	C (--)	N/A	29	48% ⁵
Washington Park	F+ (--)	Positive	286	119%
Whitney Young	B- (--)	Negative	82	N/A (Swing Space)

Metric	2019 ODE Report Card Score ¹ (2019 Performance Trend ²)	2014-15 vs. 2018-19 High School Enrollment Change	2018-19 High School Enrollment ³	2018-19 District Adjusted Capacity Utilization ⁴
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 2019 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 2019 performance index and high school graduation rate

³ Data reported is 2018-19 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 2018-19 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	427	Data not requested
Cleveland Prep Academy	F (↓)	?	36	Data not requested
Alternative Schools				
CASTLE	Meets	Positive	243	Data not requested
Invictus	Meets	Positive	423	Data not requested
Promise Academy	Does Not Meet	Negative	231	Data not requested
Regent	Meets	Positive	199	Data not requested
Voinovich	Meets	Negative	42	Data not requested

Metric	2019 ODE Report Card Score ¹ (2019 Performance Trend ²)	2014-15 vs. 2018-19 High School Enrollment Change	2018-19 High School Enrollment ³	2018-19 Capacity Utilization ⁴
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		

¹ Grade is based on 2019 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 2019 performance index and high school graduation rate

³ Based on 2018-19 ODE headcount enrollment data

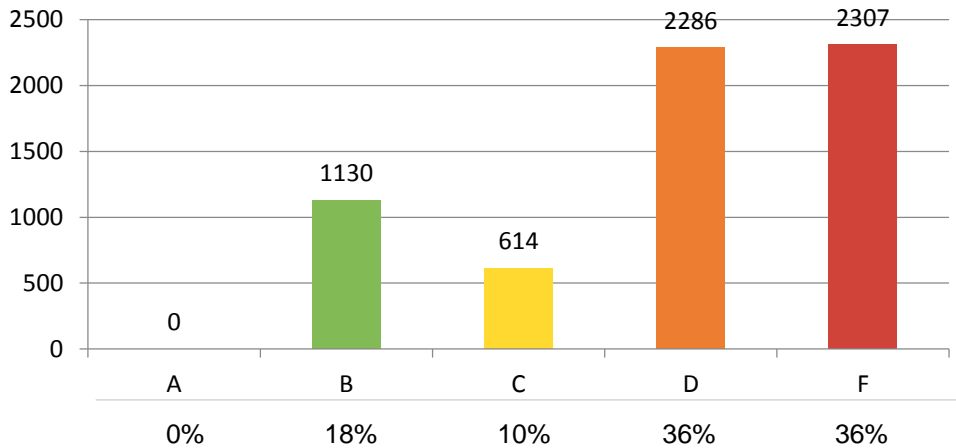
⁴ Capacity figures not requested of charter high schools



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

Sep. 28, 2019

2018-19 Enrollment in East Side High Schools by 2019 ODE Report Card Grades¹



District High School	Grade ²	Trend ³			
Cleveland Early College High	B+	(--)	Martin Luther King Jr. Campus	F+	(--)
Cleveland School of Architecture & Design	B	(--)	Washington Park	F+	(--)
Cleveland School of Science & Medicine	B	(--)	Design Lab @ Health Careers	F	(--)
Whitney Young 9-12	B-	(--)	John Adams College & Career Academy	F	(new)
Cleveland School Of The Arts High School	C	(--)	John Adams High School	F	(--)
New Technology HS@East Tech	C-	(--)	PACT @ JFK	F	(↓)
Cleveland High School for the Digital Arts	D+	(--)	Charter High School	Grade	Trend
Davis Aerospace & Maritime High School	D+	(new)	Horizon Science Academy	D	
Ginn Academy	D+	(--)	Cleveland Preparatory Academy	F	
Glenville High School	D+	(--)	Alternative High School	Grade	Trend
Bard High Early College Cleveland East Campus	D	(new)	School of One	C	
Campus International High School	D	(new)	Invictus	Meets	
MC ² STEM High School	D	(--)	Promise Academy	Does not meet	
Collinwood High School	D-	(↓)	Regent	Meets	
Jane Addams Business Careers High School	D-	(--)	CASTLE	Meets	
E3agle Academy	F+	(--)	Voinovich	Meets	
East Technical High School	F+	(--)			

- 72% of east side high school enrollment is at D or F-rated schools.
- Four out of the five District B-rated schools are located on the east side

¹ Does not include alternative high school enrollment

² Grade is based on 2019 ODE Overall Report Card Score Component Points. Plus and Minus is based on top and bottom third of scores within a grade band.

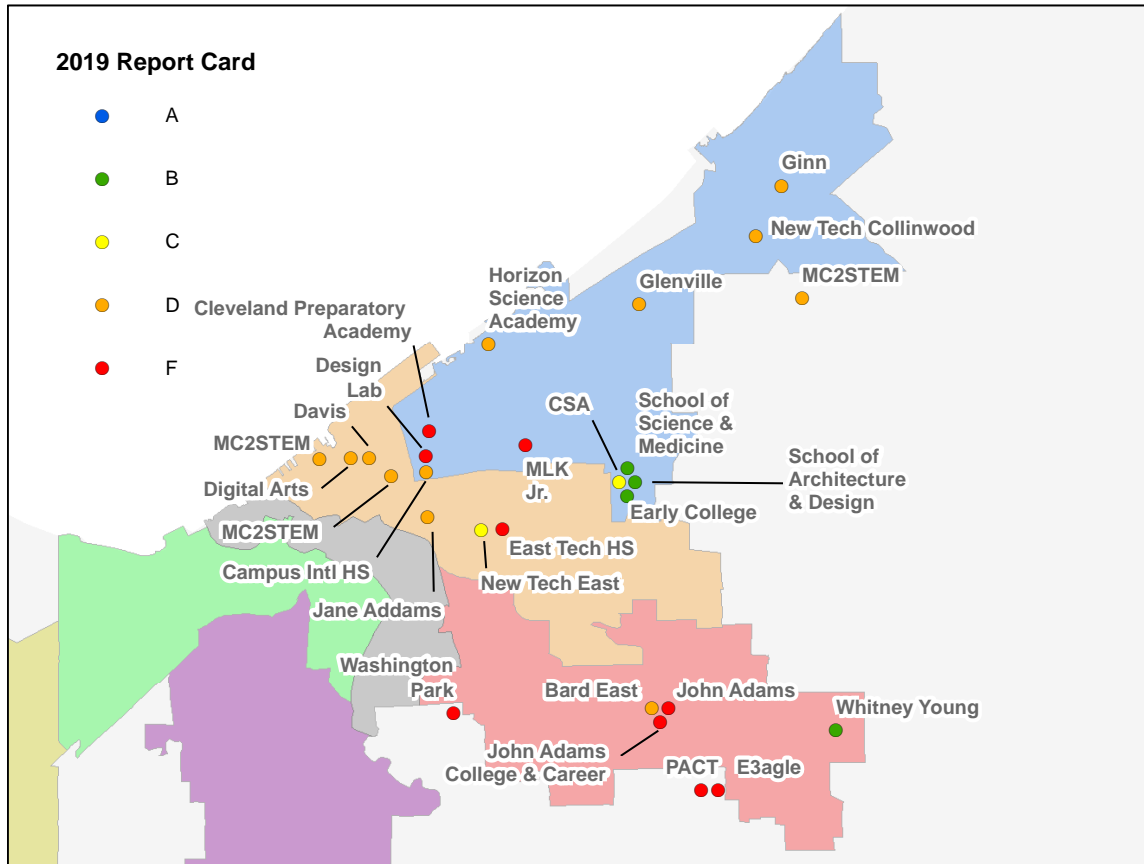
³ Trend is based on the average of the standardized change of 2019 performance index and graduation rate; <-0.5 = declining, >0.5 = improving

⁴ Denotes schools with admissions criteria



East Side High Schools: Where are quality schools located?

2018-19 District and Charter School Locations by 2019 ODE Overall Report Card Grades



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



East Side High Schools: How do graduation rates vary across high schools?

Sep. 28, 2019

4-Year Graduation Rate for 2017-18

<u>Name</u>	<u>4 Year Rate</u>
Cleveland Early College High	100.00%
Cleveland School of Architecture & Design	100.00%
Whitney Young 9-12	100.00%
Cleveland School of Science & Medicine	98.90%
Ginn Academy	96.50%
MC ² STEM High School	96.50%
Cleveland School Of The Arts	90.50%
Martin Luther King Jr. Campus	85.20%
----- <i>National average = 84.6%</i> -----	
New Technology East	78.60%
Jane Addams Business Careers High School	78.50%
The School of One	77.00%
Glenville High School	75.60%
East Technical High School	75.30%
E3agle @ JFK	75.00%
Cleveland High School for the Digital Arts	70.90%
Washington Park	68.60%
PACT @ JFK	63.00%
Design Lab	62.70%
John Adams High School	58.90%
New Tech Collinwood	55.20%

- Of the nineteen high school programs located on the east side (not including the School of One), eight are above the national average of 84.6%
- Six programs on the east side are located in the highest band of state ratings for 4-year graduation rates

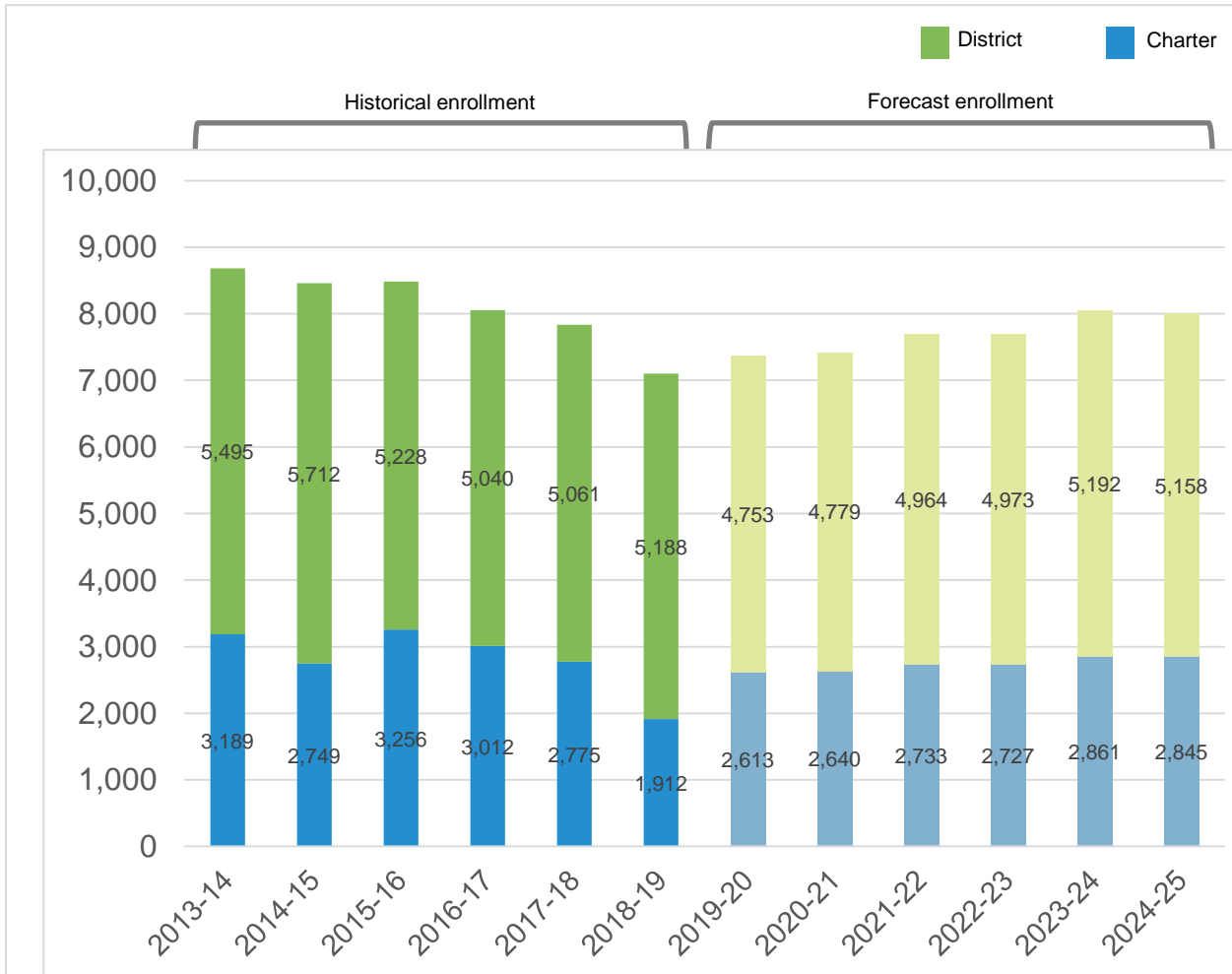
93-100% = Blue
89-92.9% = Green
84-88.9% = Yellow

79-83.9% = Orange
Less than 79% = Red



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

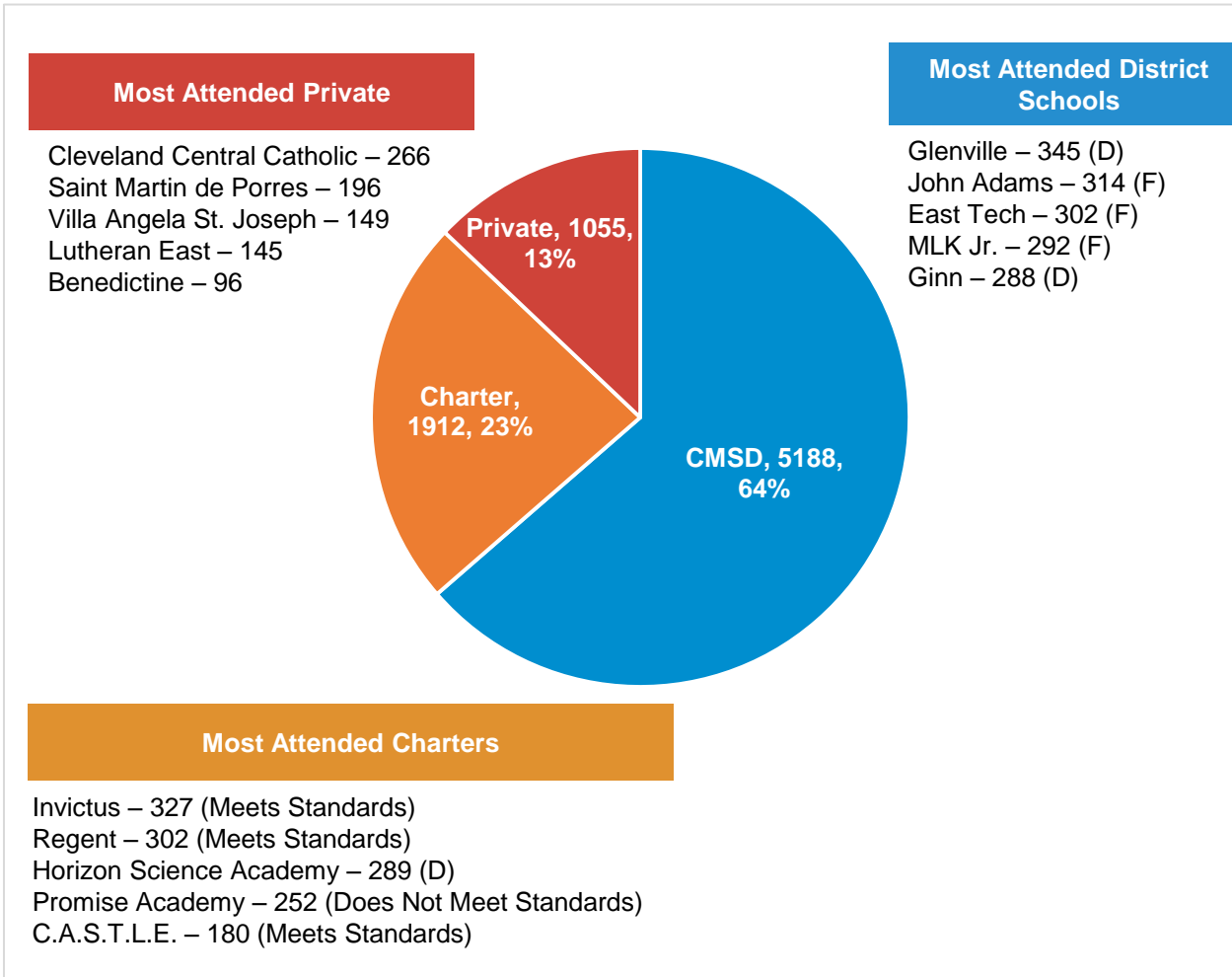


- When combining students across sectors, high school enrollment declined 18% from 2013 to 2018 driven largely by a 40% drop in charter enrollment.
- The decrease in SY18-19 can be partially attributed to the closure of ECOT and declines among other charter high schools



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

2018-19 Enrollment by School Type and Location for East Side Residents

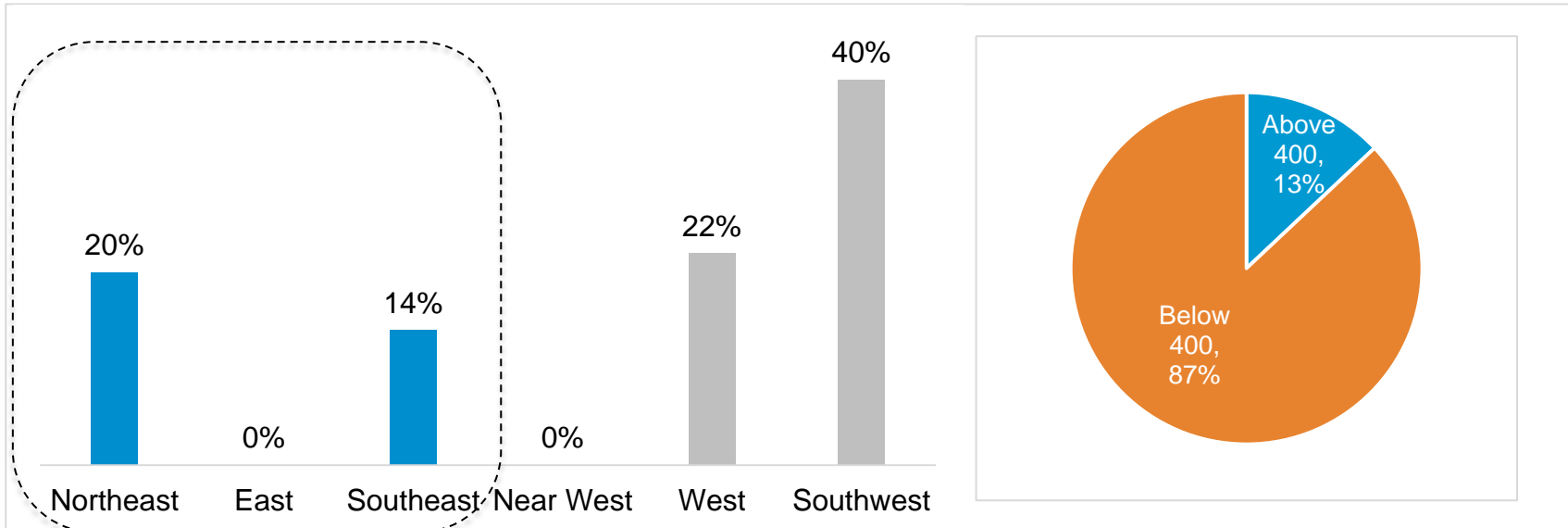


- 64% of east side high school students attend District schools over other options, in-line with 62% of west side high school students attending District schools.
- Of students attending District schools, 88% of east side residents stay east, which is in line with attendance patterns on the west side of Cleveland.



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

District High School Programs on East Side with 2018-19 Enrollment Above 400 Students

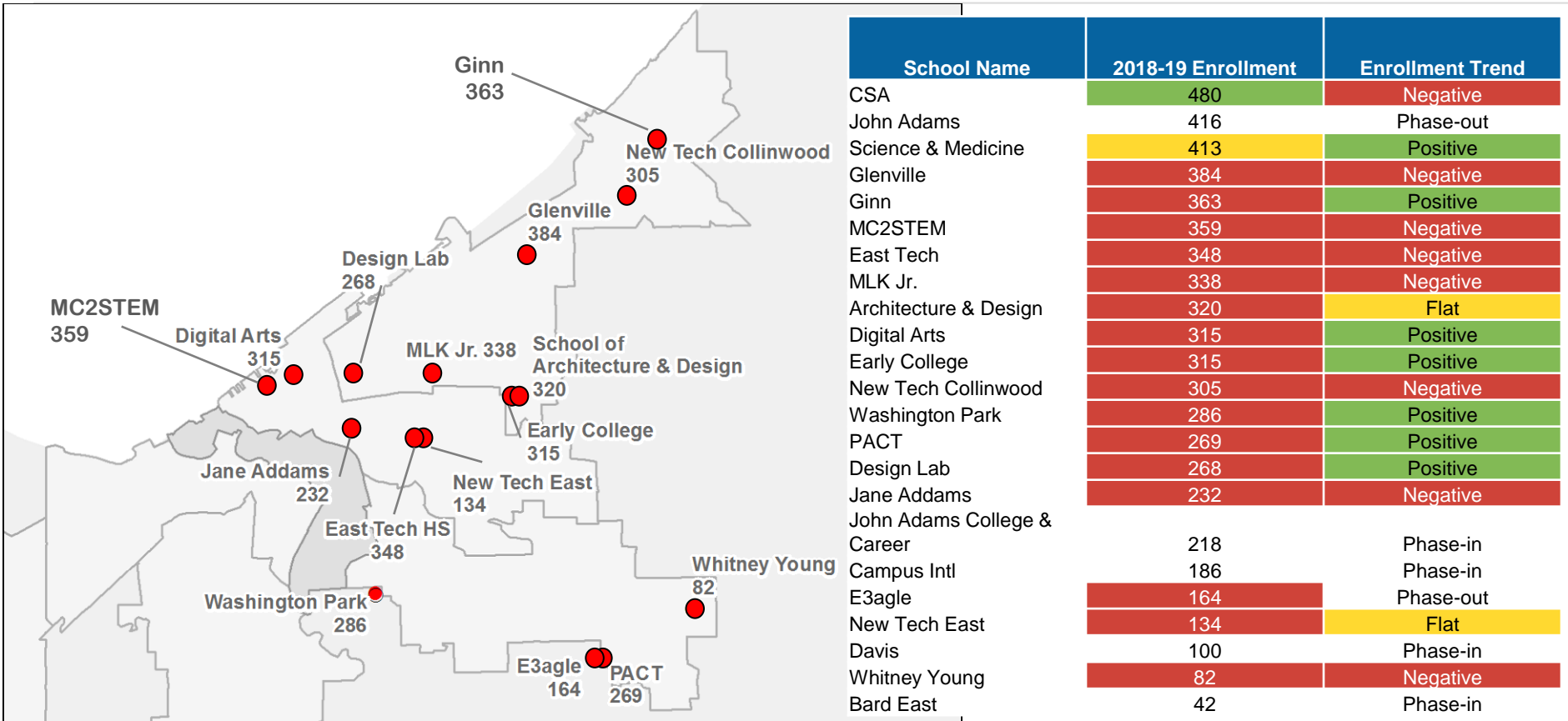


- District high schools with at least 400 students are more likely to have the resources to sustain the baseline desired learning and teaching experience. This minimum enrollment target is the equivalent of 100 students per grade level from 9th to 12th grade.
- Ideally, District high schools would enroll 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?

2018-19 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

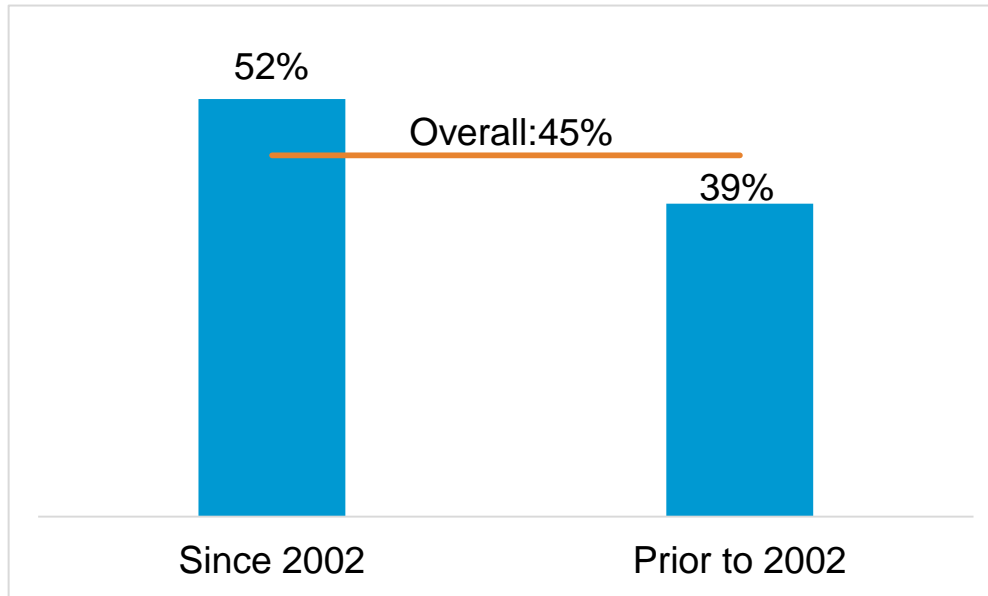
SOURCE: 2018-19 ODE headcount enrollment data

METHOD: Enrollment trend reflects the difference between 2014 and 2018 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?

2018-19 District High School Building Utilization by Building Age



- 45% of District high school seats are in use, leaving approximately 7,200 empty seats in these regions. 52% of seats in new or renovated buildings are in use, while 39% of seats in buildings constructed prior to 2002 are in use.
- Approximately 55% of students attending District high schools are served in buildings that are newly built or renovated since 2002. Twelve 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?

2018-19 District High School Building Age, Capacity and Utilization by 2018-19 School Locations

School (new or renovated buildings in bold)	Enrollment	Adjusted Capacity	Utilization ¹
Washington Park	286	240	>100%
Design Lab	268	300	89%
Early College	315		
Architecture & Design	320	1,300	81%
Science & Medicine	413		
New Tech East	134		
East Tech	348	775	62%
CSA	480	775	62%
MLK Jr.	338	650	52%
Ginn	363	700	52%
Bard East	42		
John Adams	416	1,400	48%
Adams College & Career	218		
Campus Intl	186	400	47%
Digital Arts	315		
Davis	100	925	45%
E3agle	164		
PACT	269	1,375	31%
Jane Addams	232	800	29%
Glenville	384	1800	21%
New Tech Collinwood	305	1625	19%
MC2STEM	391	Multi-campus	N/A
Whitney Young (9-12)	104	Swing space	N/A
School of One (Total East)	92		N/A
Total	5,896	13,065	45%

- Even when adjusting capacity for special education programs, there are more than twice as many seats as students attending east side high schools, with 45% utilization and approximately 7,200 open seats.
- There are eleven programs with utilization less than 50%, while five programs have strong utilization above 80%.

¹ Utilization reflects the combined 2018-19 enrollment and total adjusted capacity for the campus. School of One enrollment is factored into the respective facility utilization.

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	SY18-19 Strategic Schools Actions
Bard East ¹	✓			Phase-in new school
Campus Intl High School	Renovated			Phase-in new school
CSA	✓		Redesign school	
Davis	Renovated			Phase-in 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	✓			

¹ Decision made to close Bard East at conclusion of 2018-19 school year

SOURCE: CMSD Operations Department for building information; CMSD Portfolio Office for strategic school actions

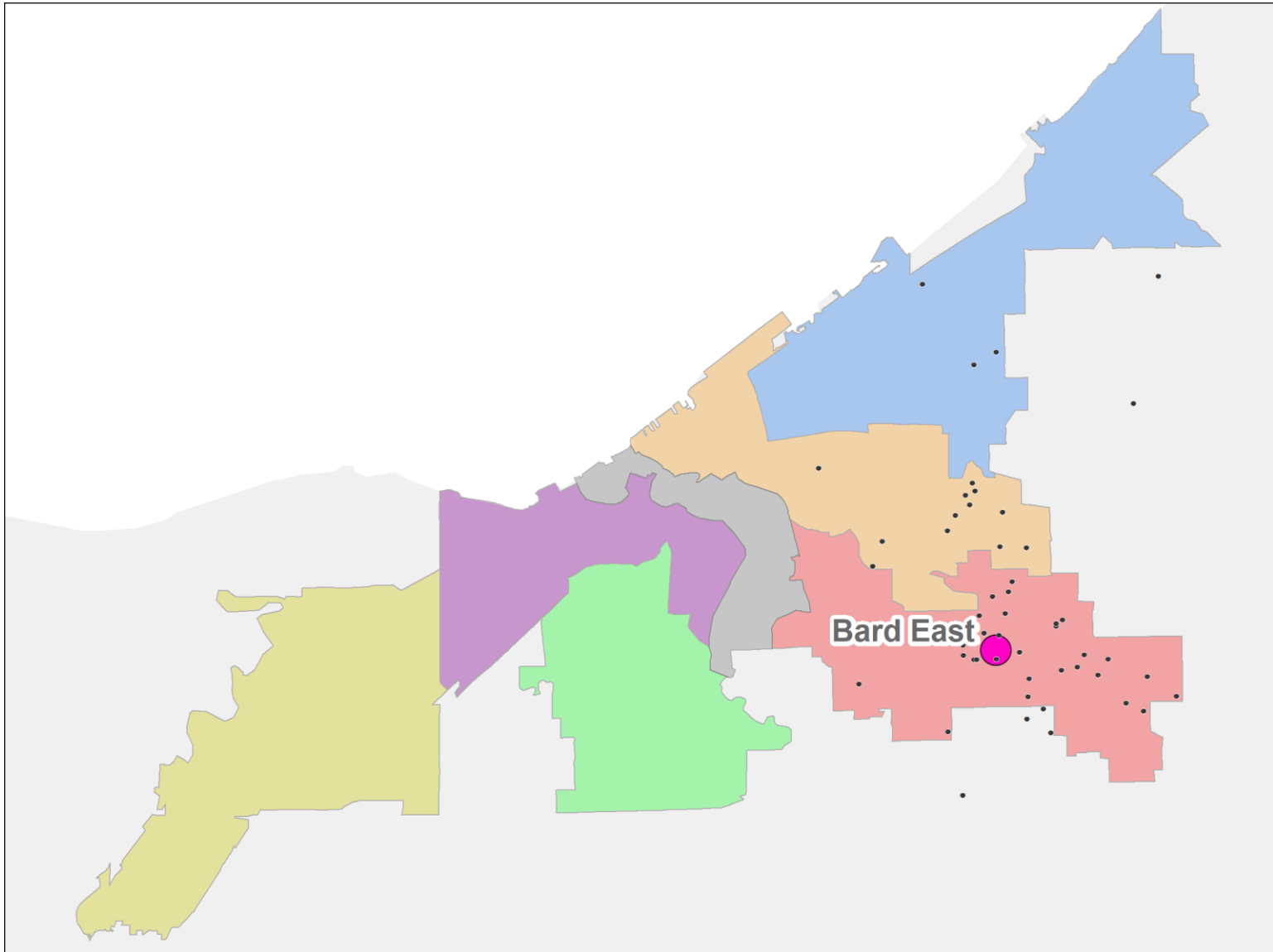
Appendix

Sep. 28, 2019



East Side High Schools: Where do students reside?

Sep. 28, 2019

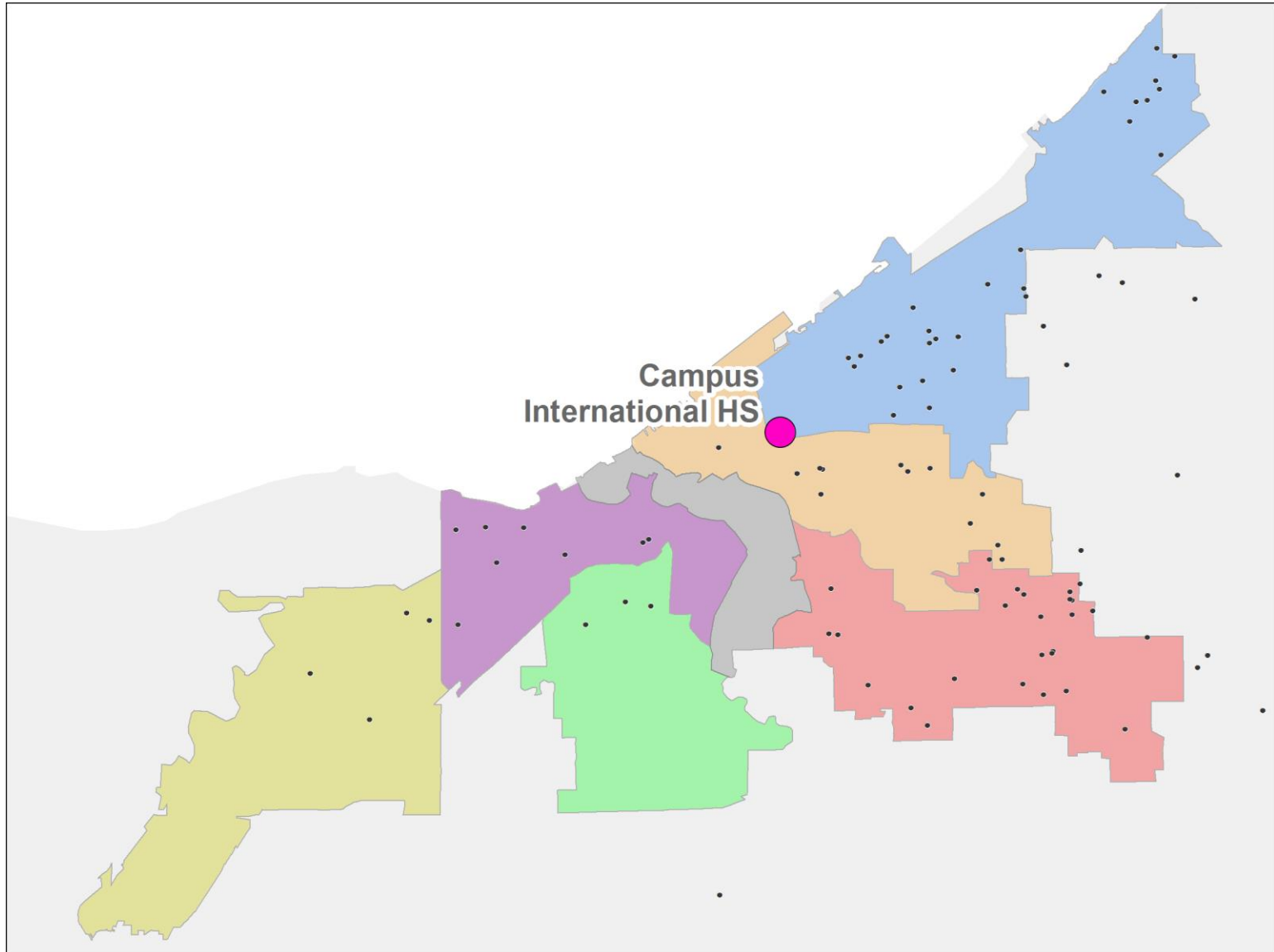


SOURCE: 2017-18 geo-coded enrollment data



East Side High Schools: Where do students reside?

Sep. 28, 2019

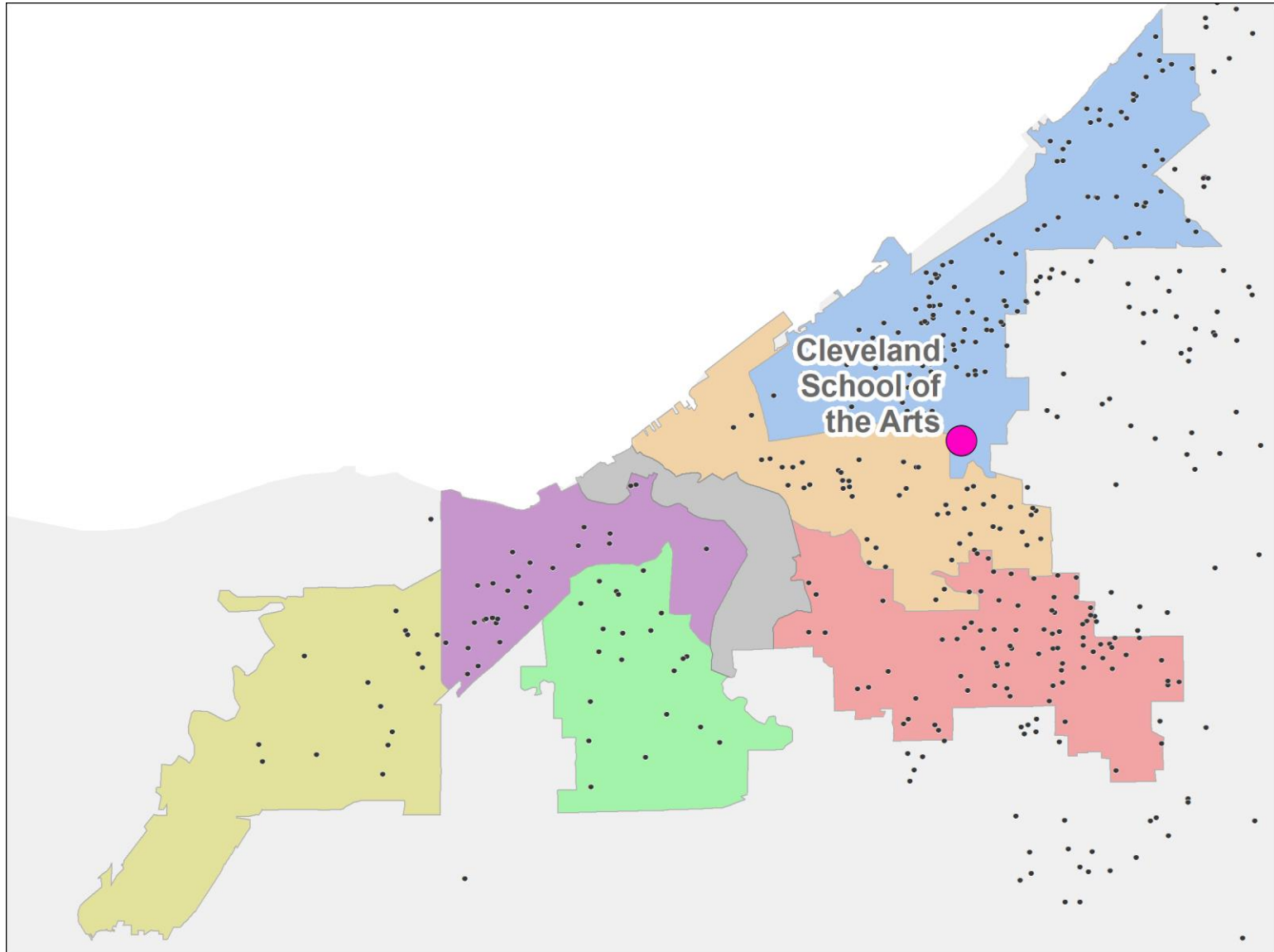


SOURCE: 2017-18 geo-coded enrollment data



East Side High Schools: Where do students reside?

Sep. 28, 2019

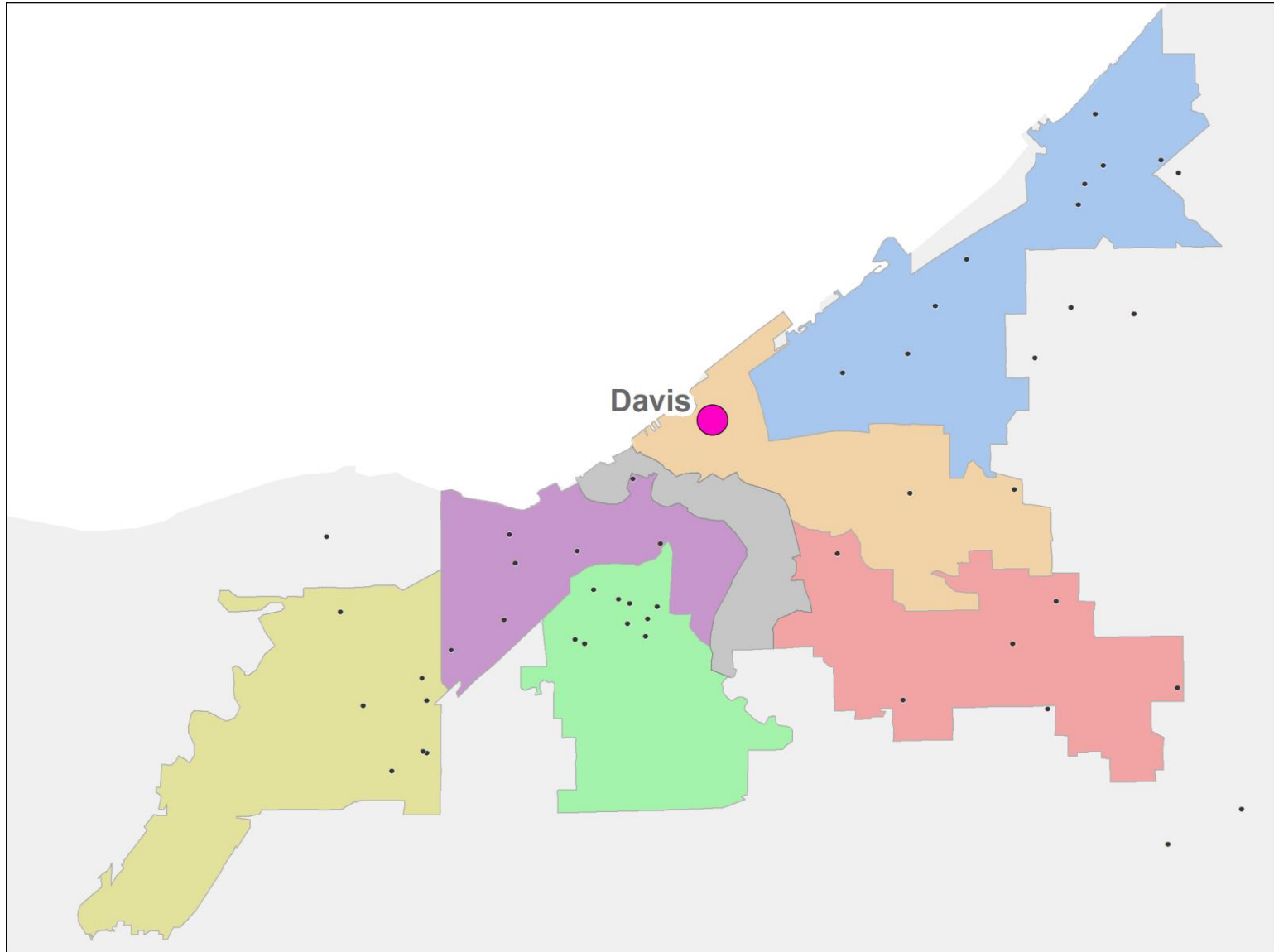


SOURCE: 2017-18 geo-coded enrollment data



East Side High Schools: Where do students reside?

Sep. 28, 2019

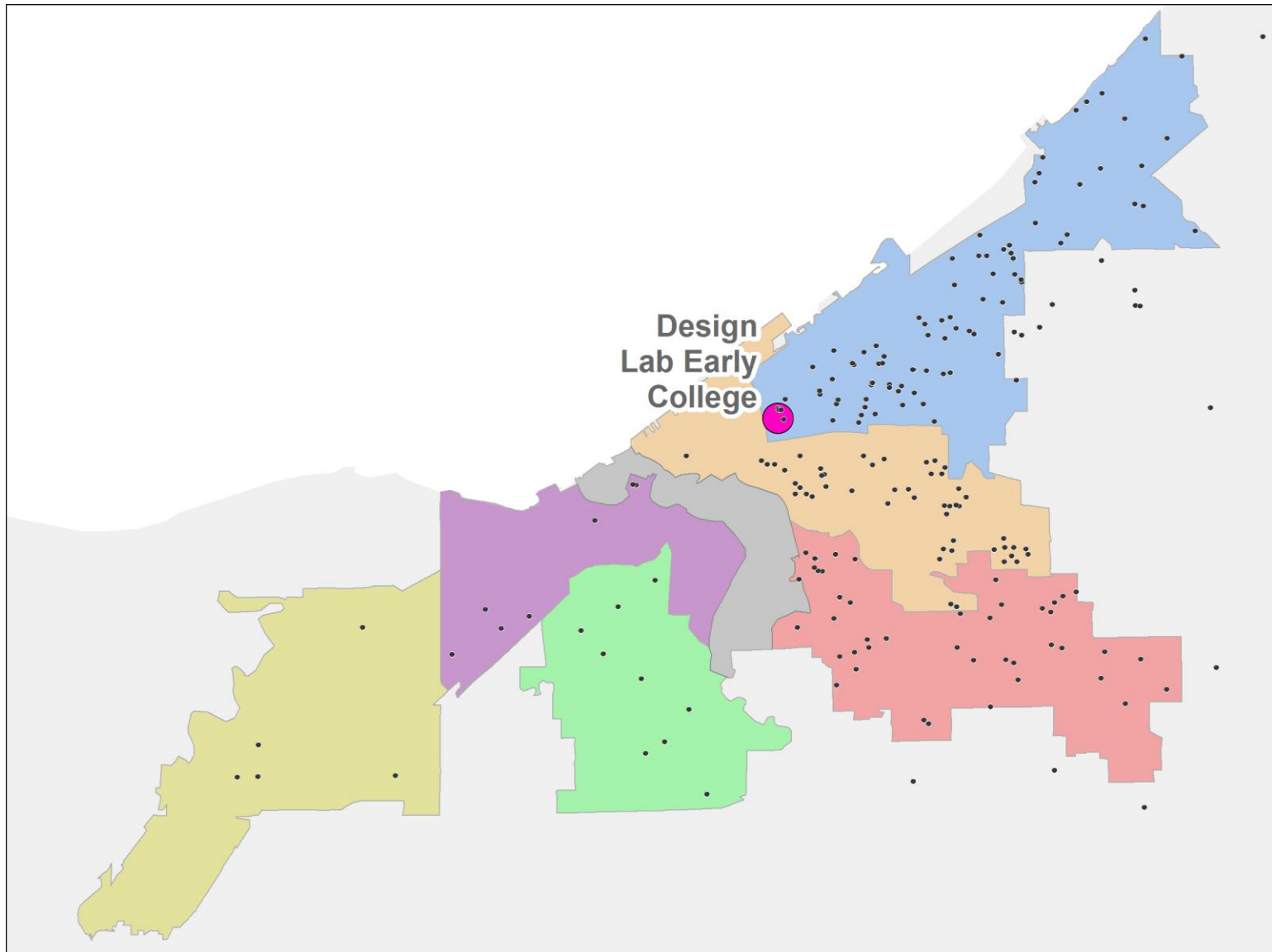


SOURCE: 2017-18 geo-coded enrollment data



East Side High Schools: Where do students reside?

Sep. 28, 2019

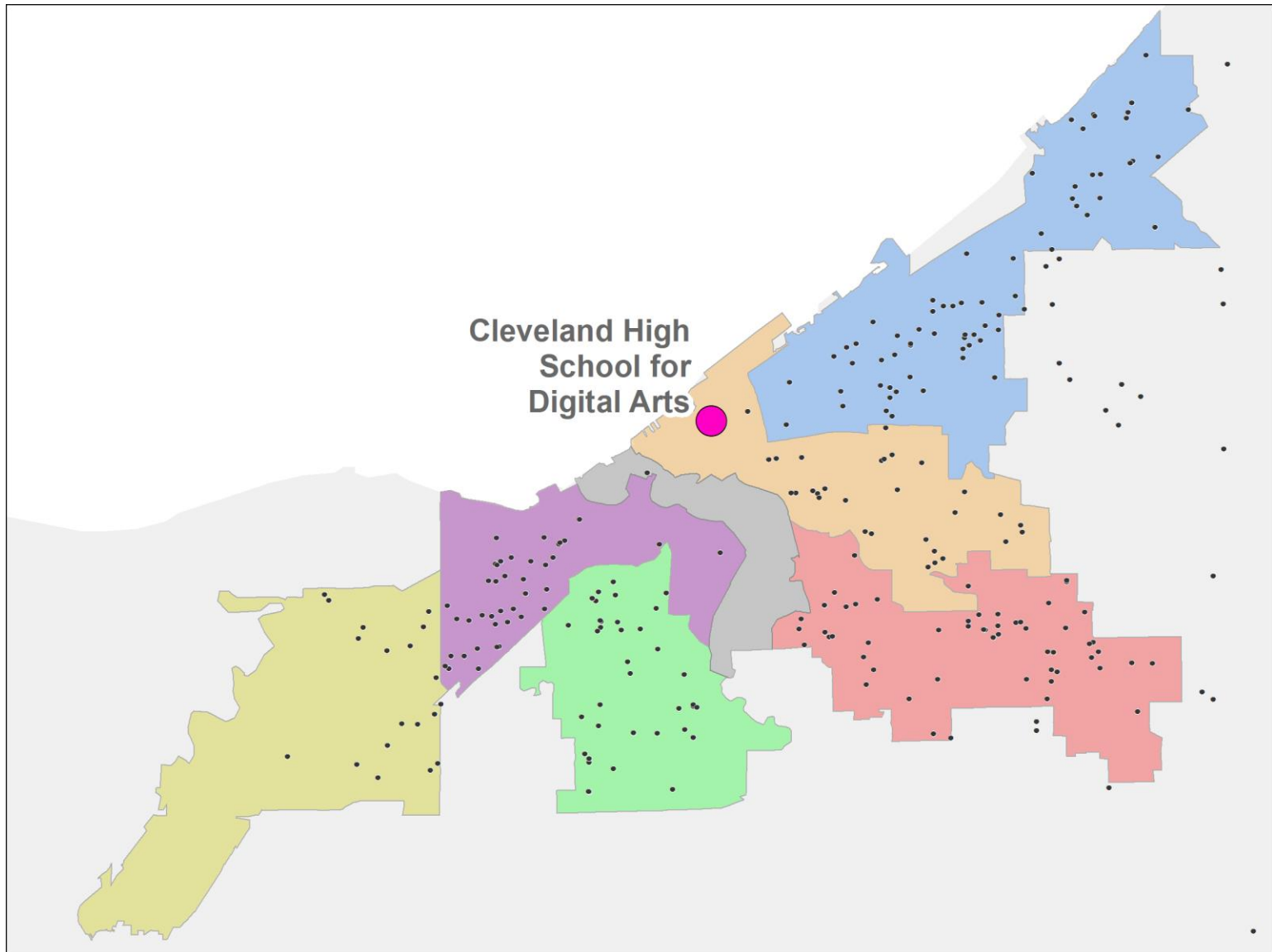


SOURCE: 2017-18 geo-coded enrollment data



East Side High Schools: Where do students reside?

Sep. 28, 2019

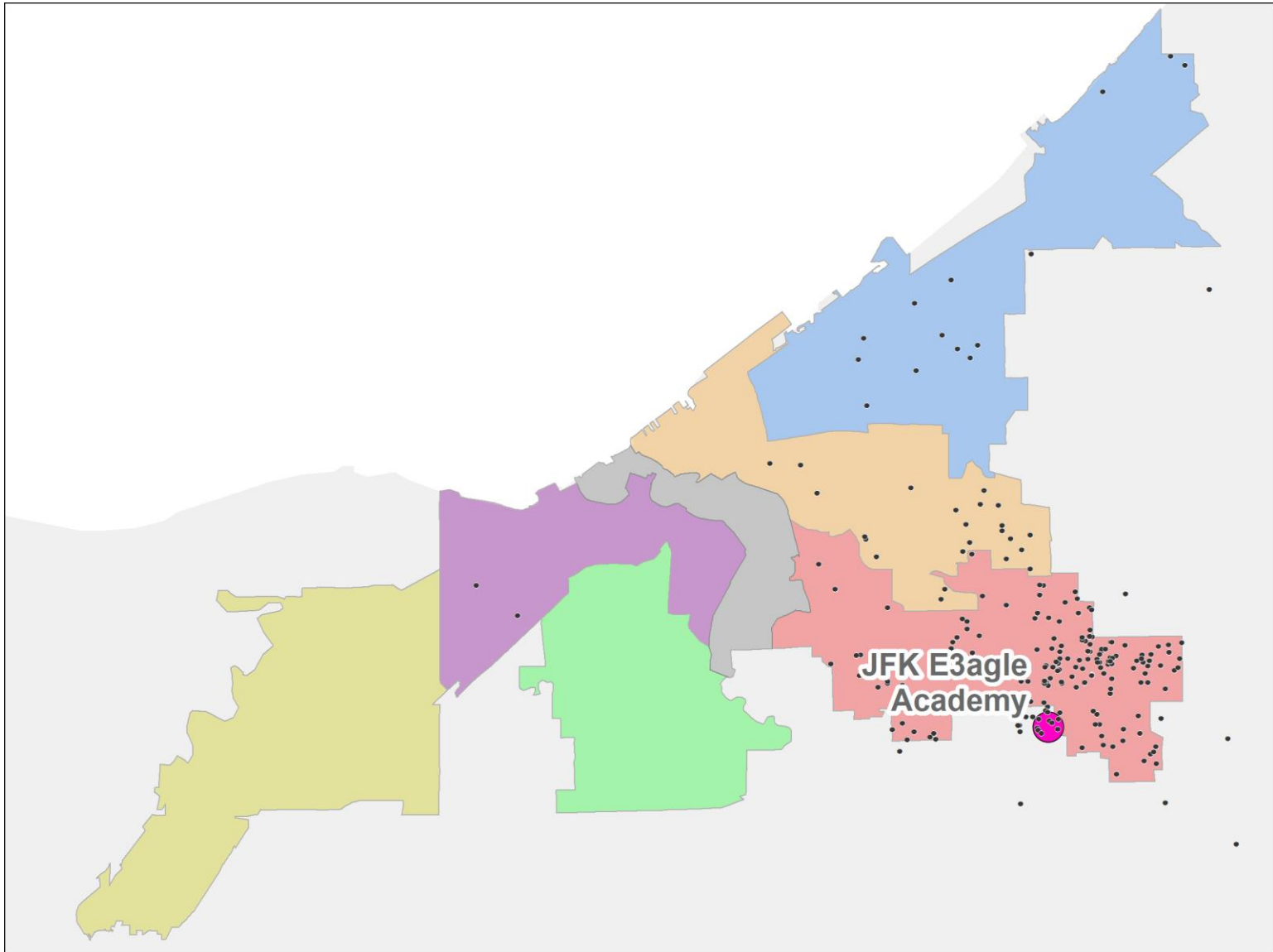


SOURCE: 2017-18 geo-coded enrollment data



East Side High Schools: Where do students reside?

Sep. 28, 2019

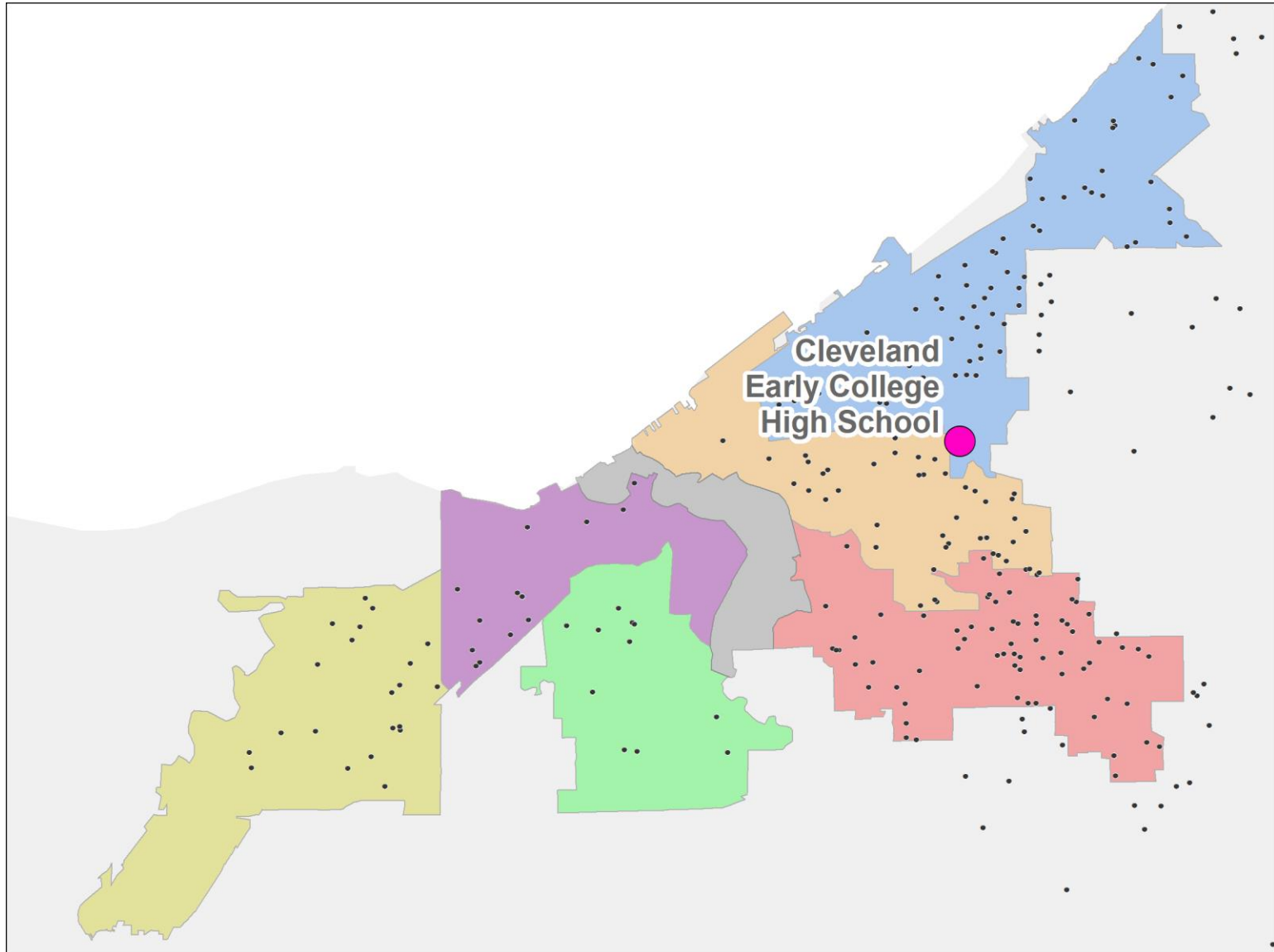


SOURCE: 2017-18 geo-coded enrollment data



East Side High Schools: Where do students reside?

Sep. 28, 2019

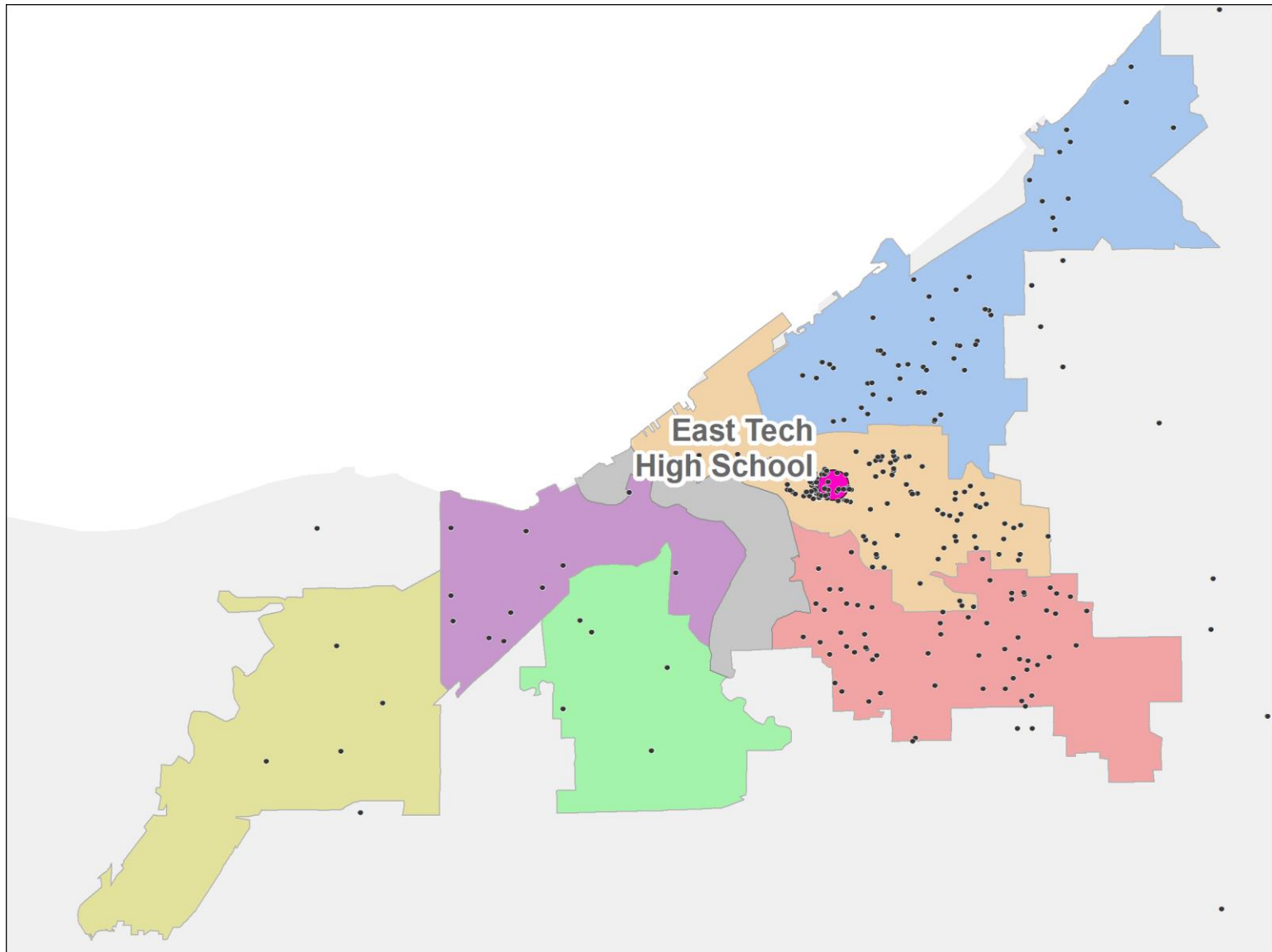


SOURCE: 2017-18 geo-coded enrollment data



East Side High Schools: Where do students reside?

Sep. 28, 2019

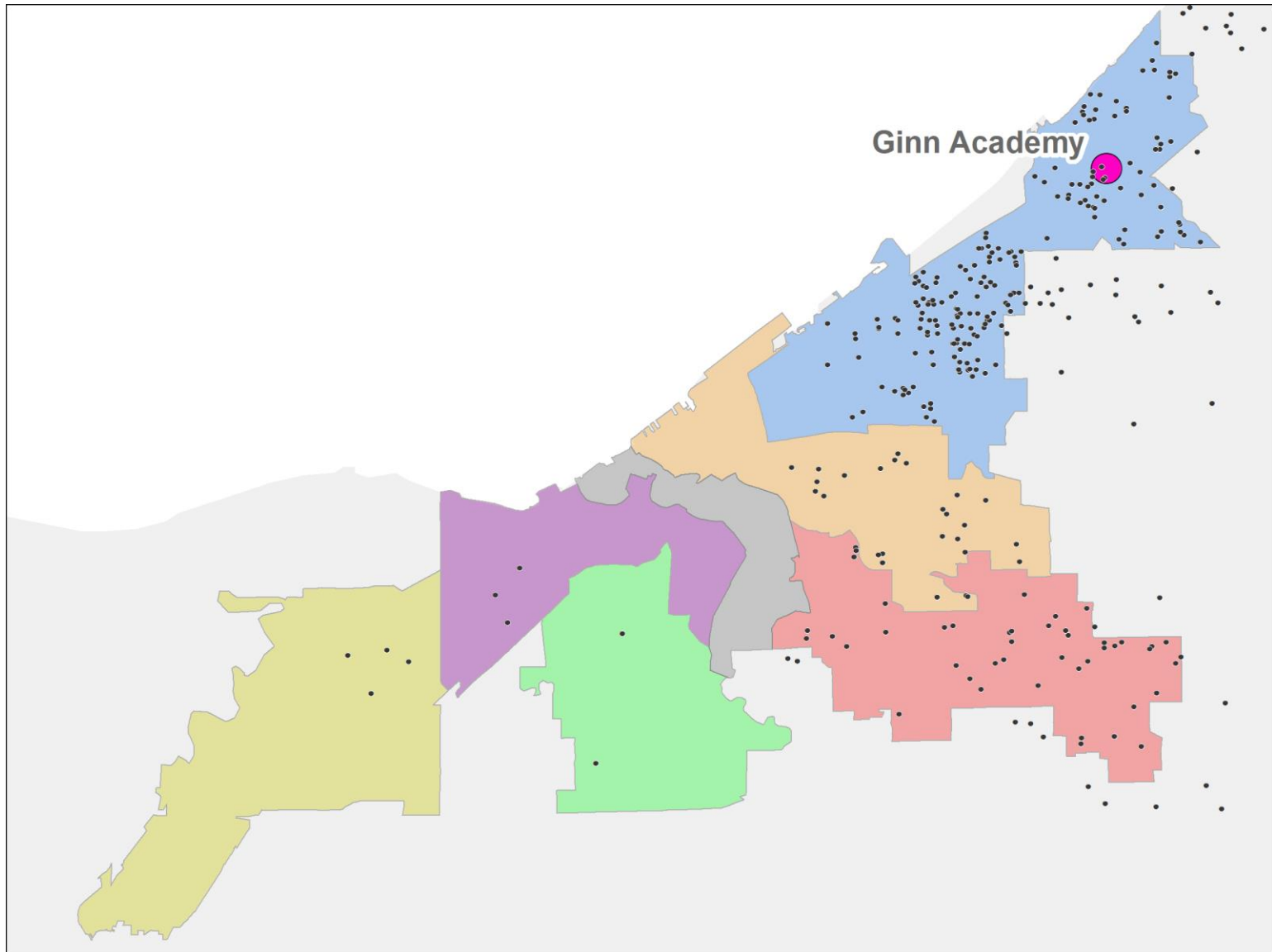


SOURCE: 2017-18 geo-coded enrollment data



East Side High Schools: Where do students reside?

Sep. 28, 2019

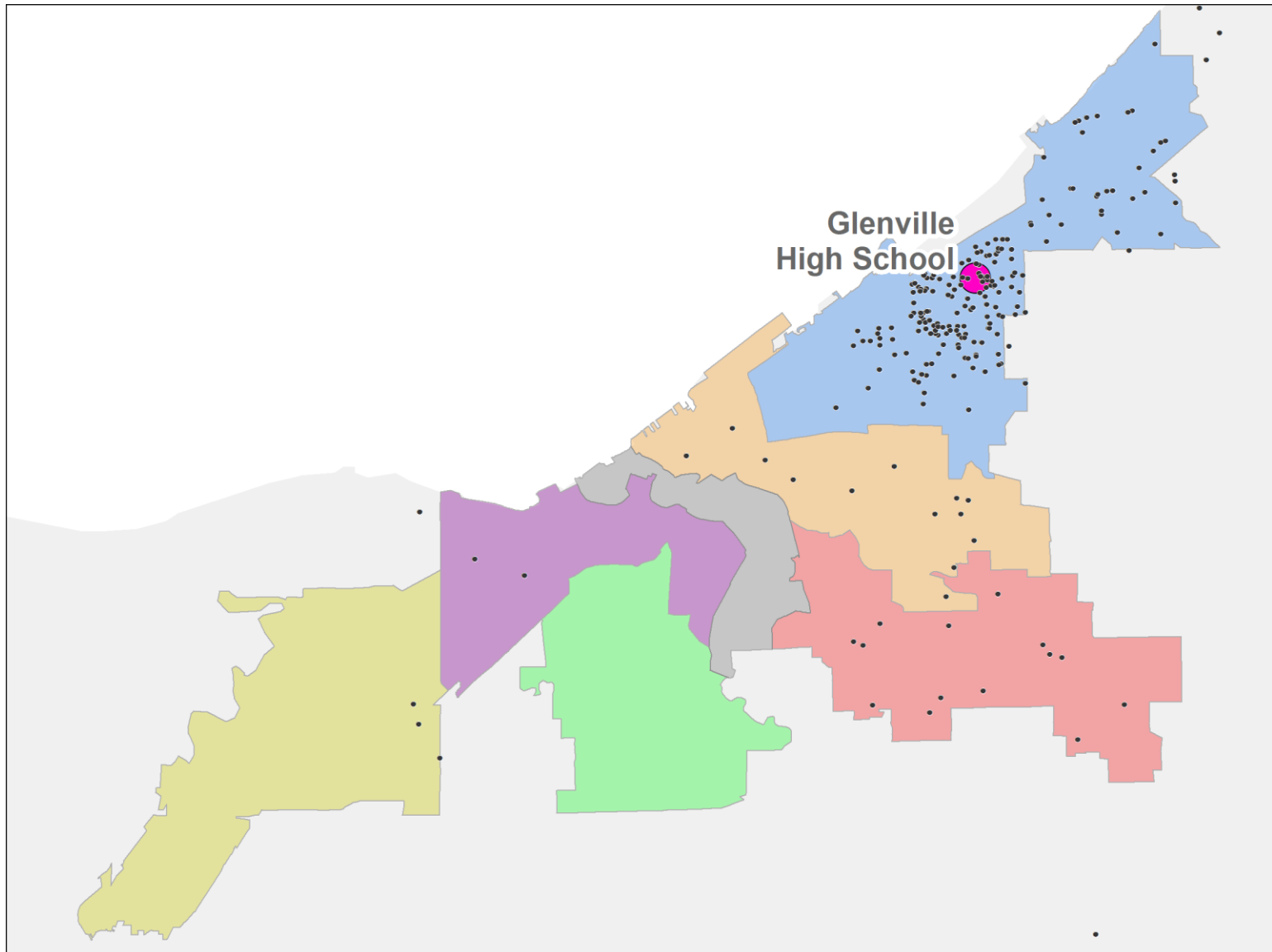


SOURCE: 2017-18 geo-coded enrollment data



East Side High Schools: Where do students reside?

Sep. 28, 2019

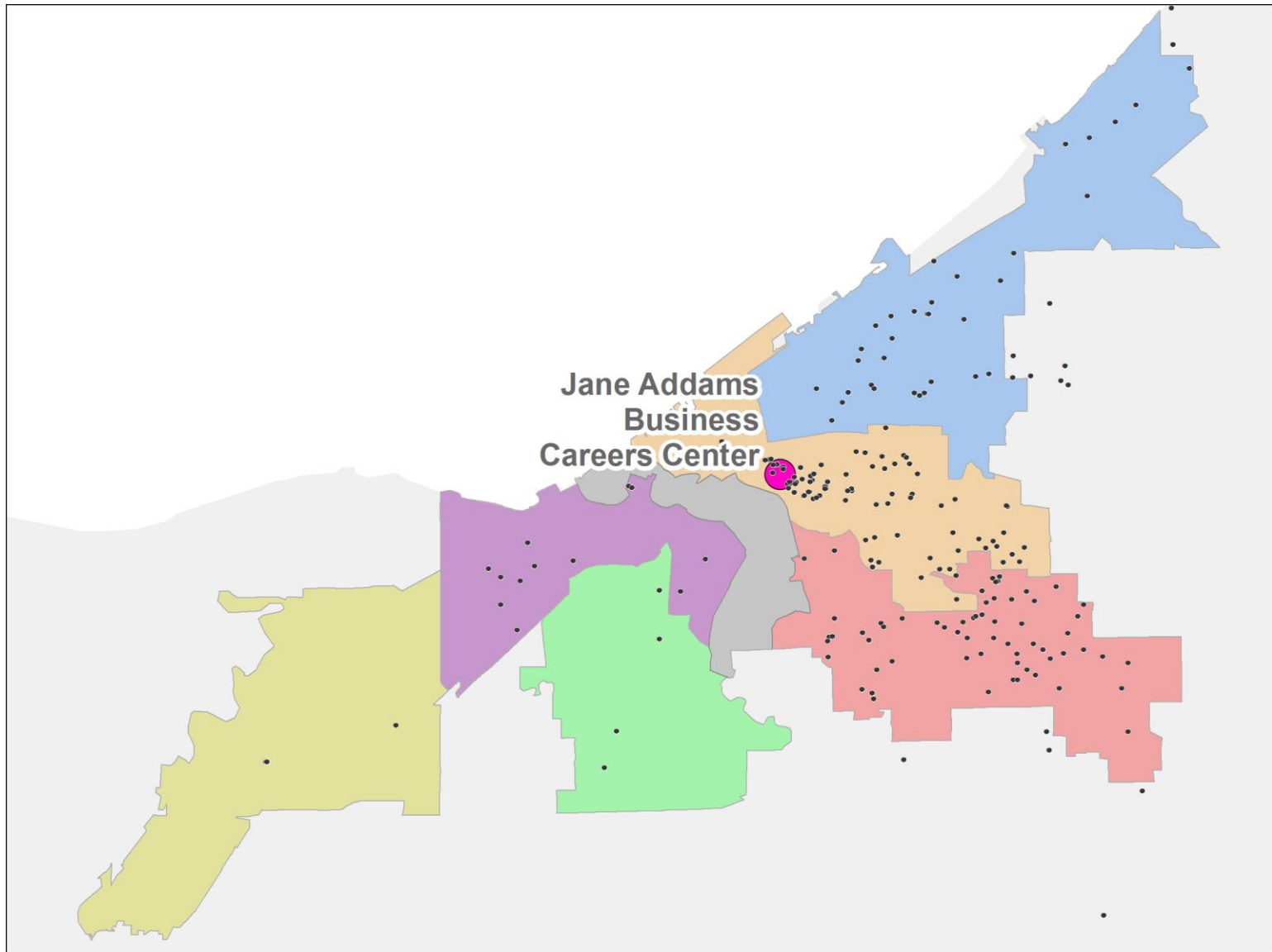


SOURCE: 2017-18 geo-coded enrollment data



East Side High Schools: Where do students reside?

Sep. 28, 2019

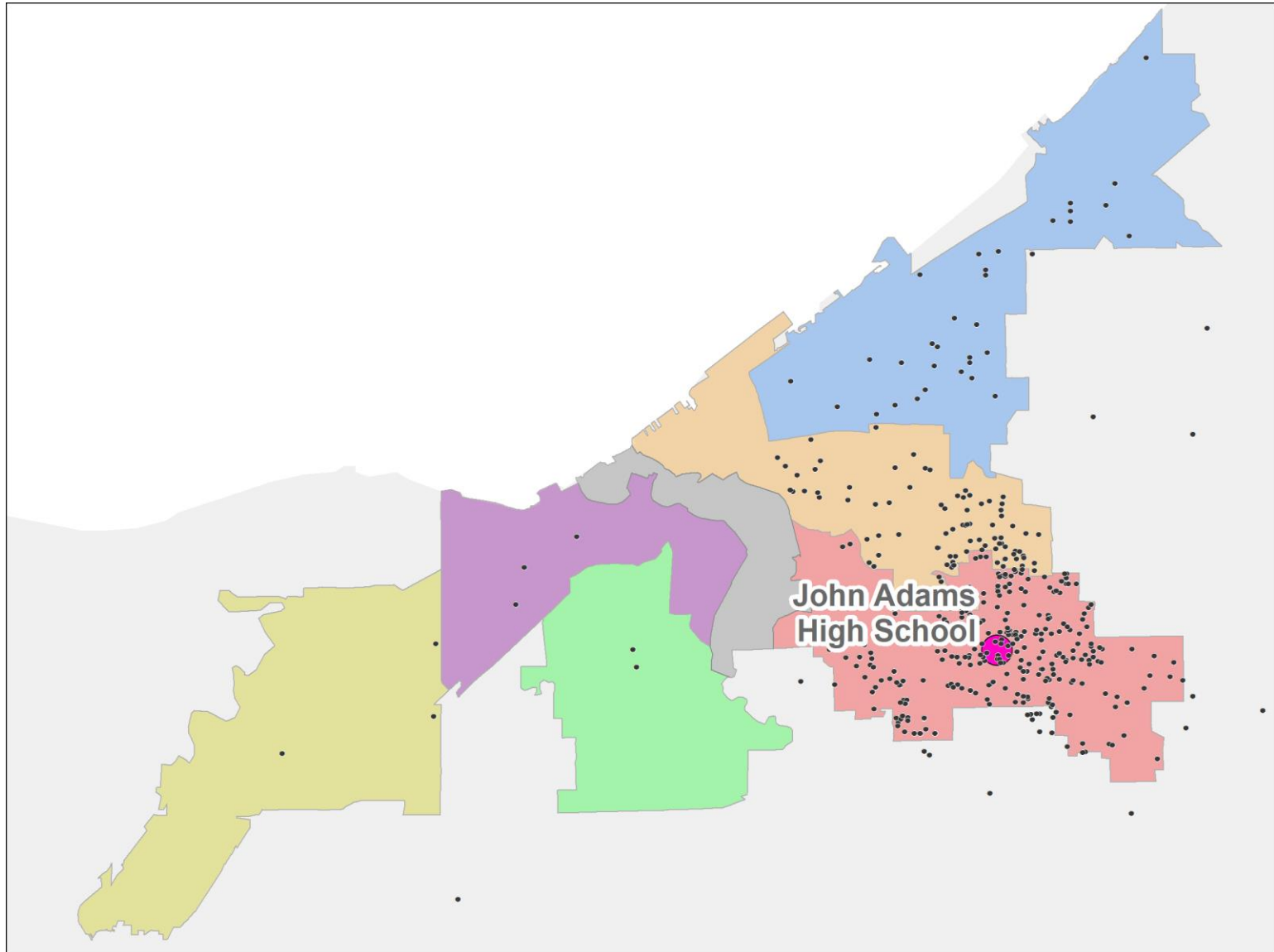


SOURCE: 2017-18 geo-coded enrollment data



East Side High Schools: Where do students reside?

Sep. 28, 2019

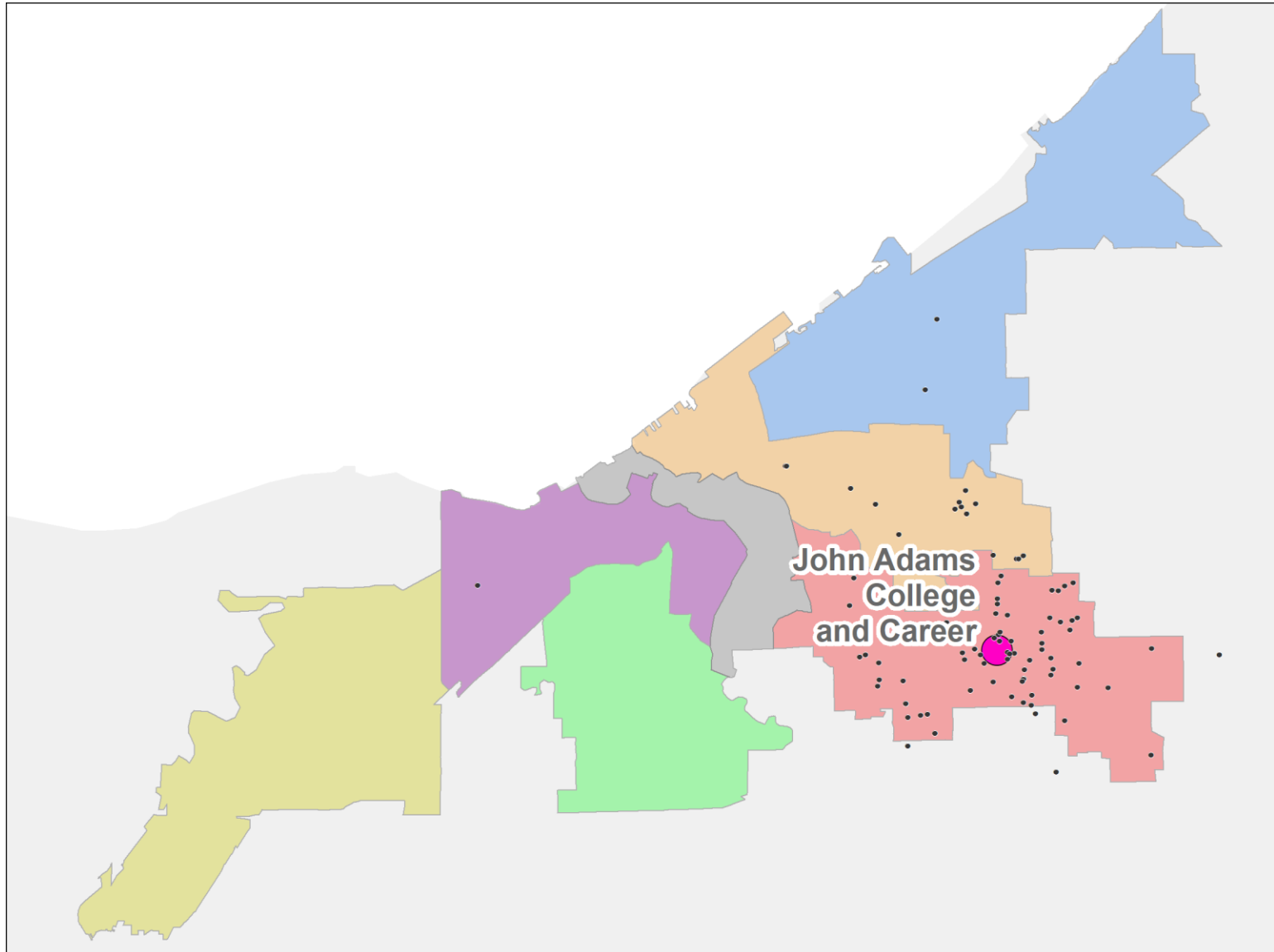


SOURCE: 2017-18 geo-coded enrollment data



East Side High Schools: Where do students reside?

Sep. 28, 2019

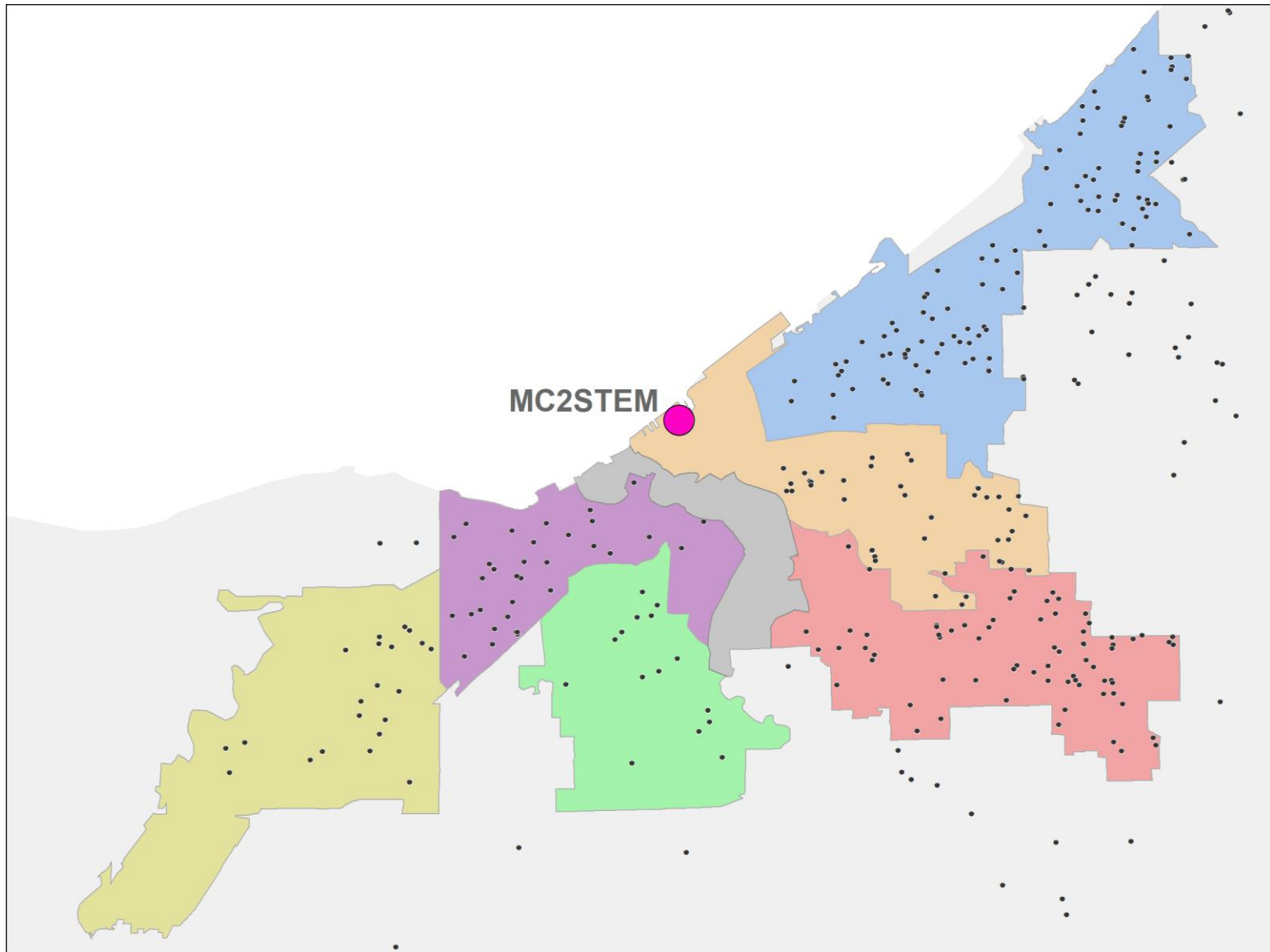


SOURCE: 2017-18 geo-coded enrollment data



East Side High Schools: Where do students reside?

Sep. 28, 2019

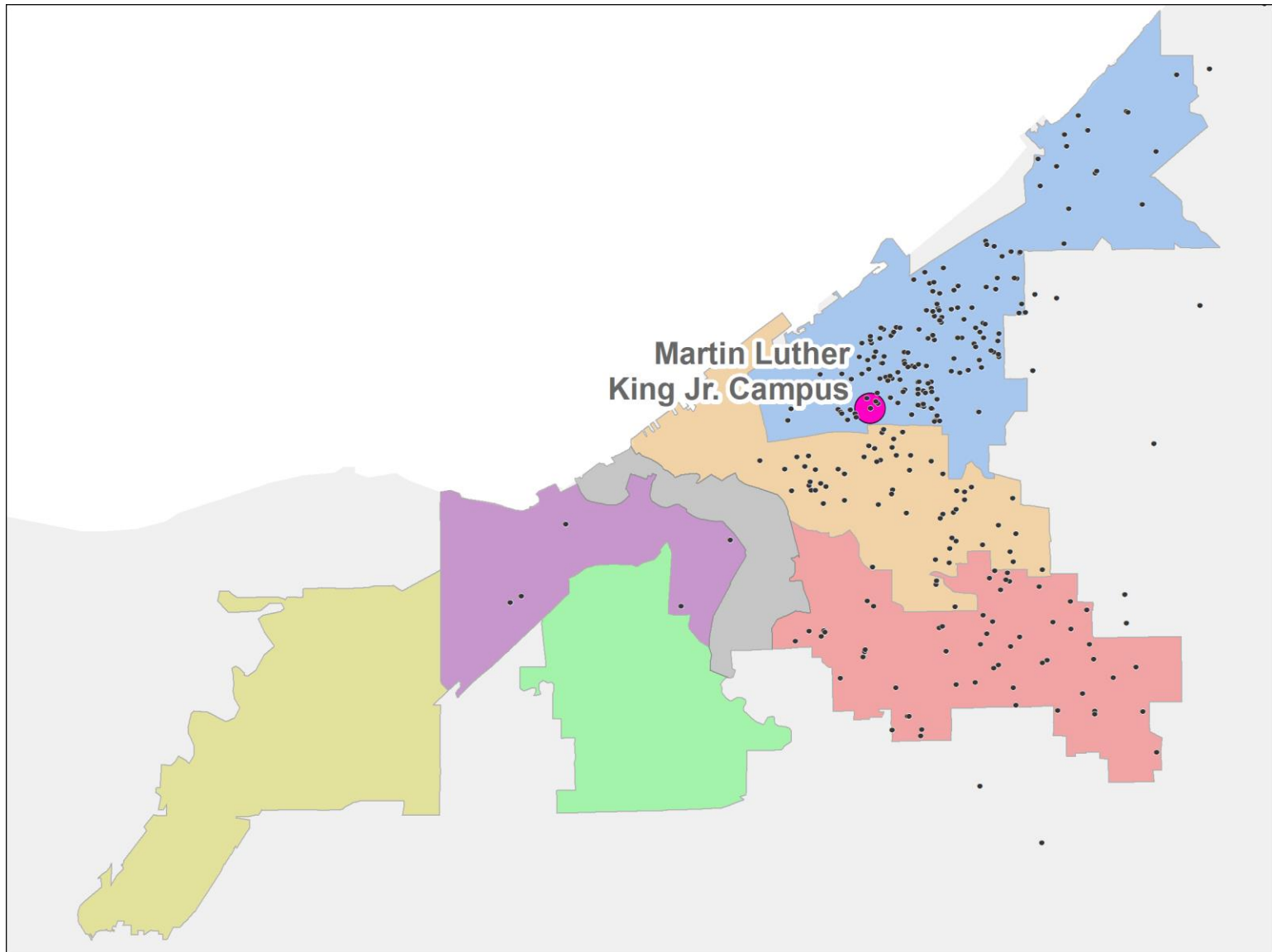


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East Side High Schools: Where do students reside?

Sep. 28, 2019

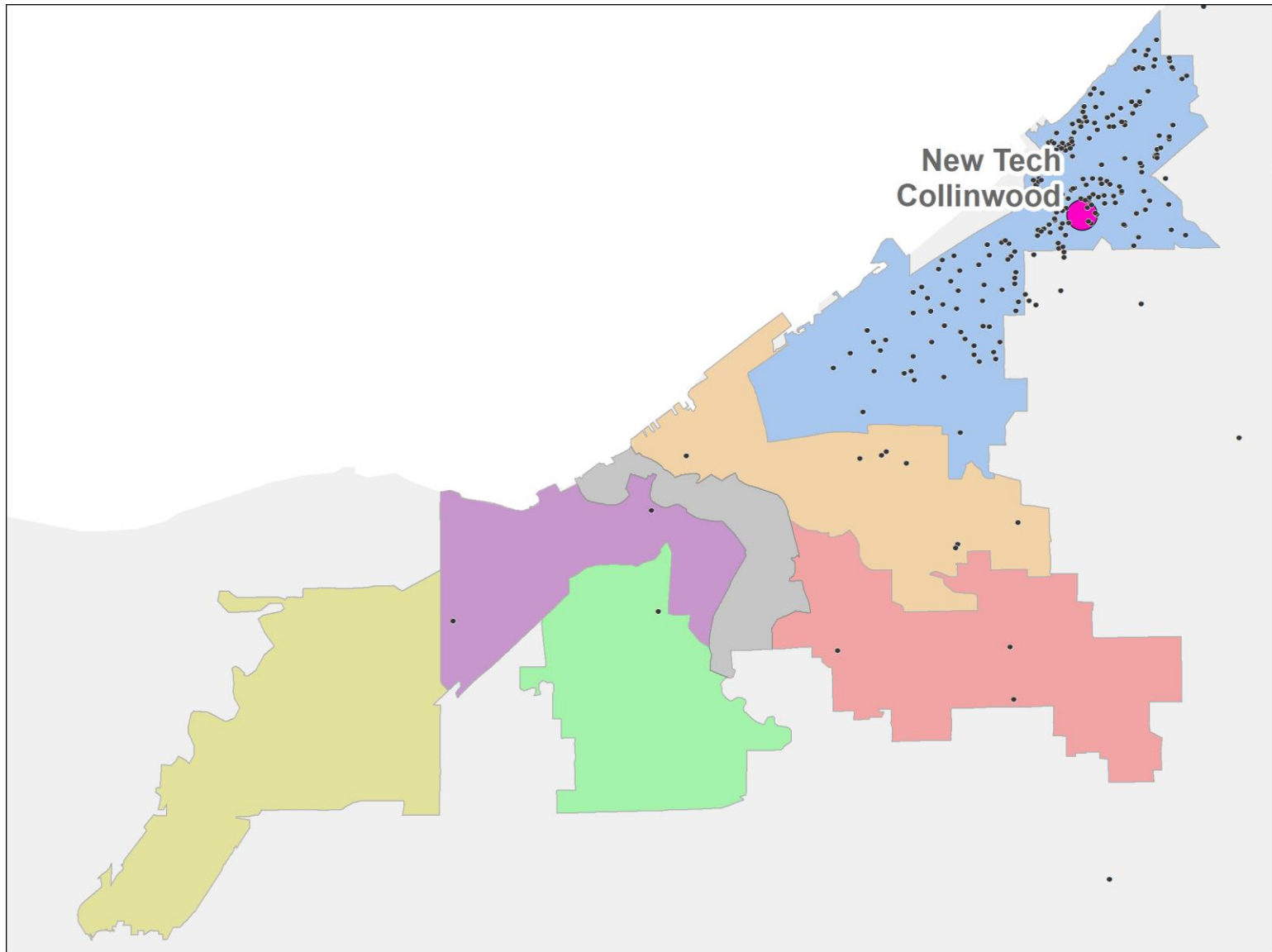


SOURCE: 2017-18 geo-coded enrollment data



East Side High Schools: Where do students reside?

Sep. 28, 2019

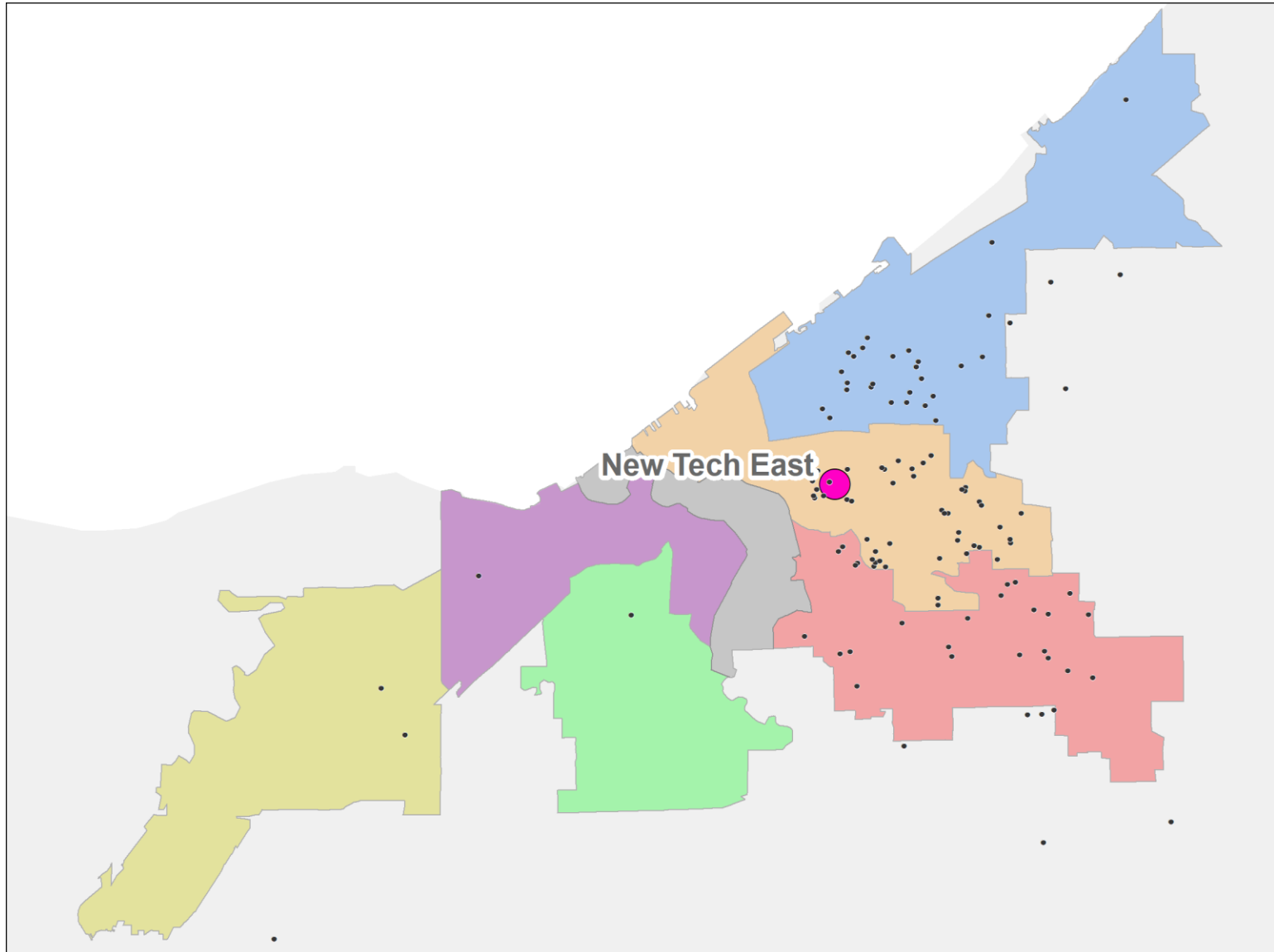


SOURCE: 2017-18 geo-coded enrollment data



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Sep. 28, 2019

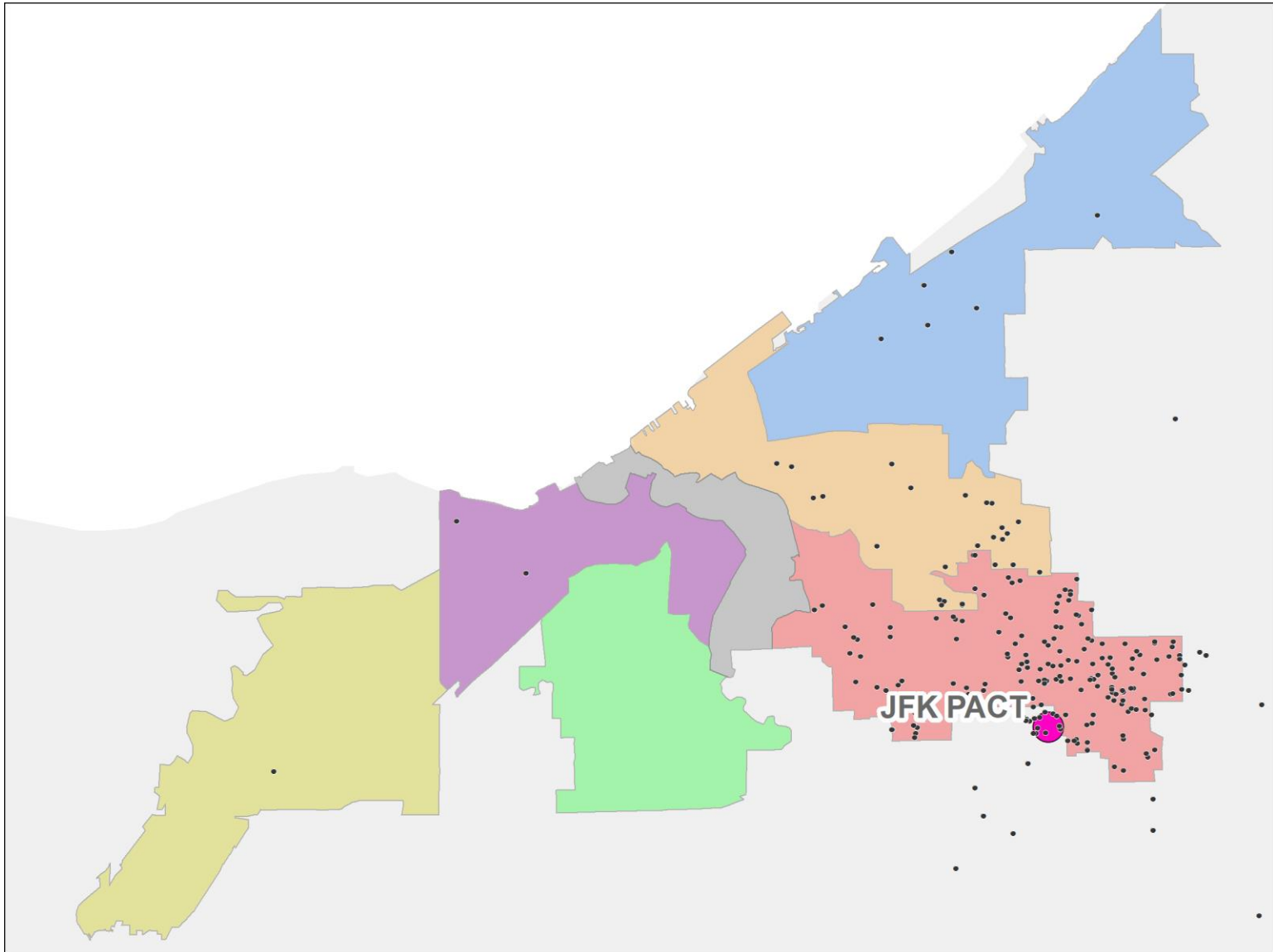


SOURCE: 2017-18 geo-coded enrollment data



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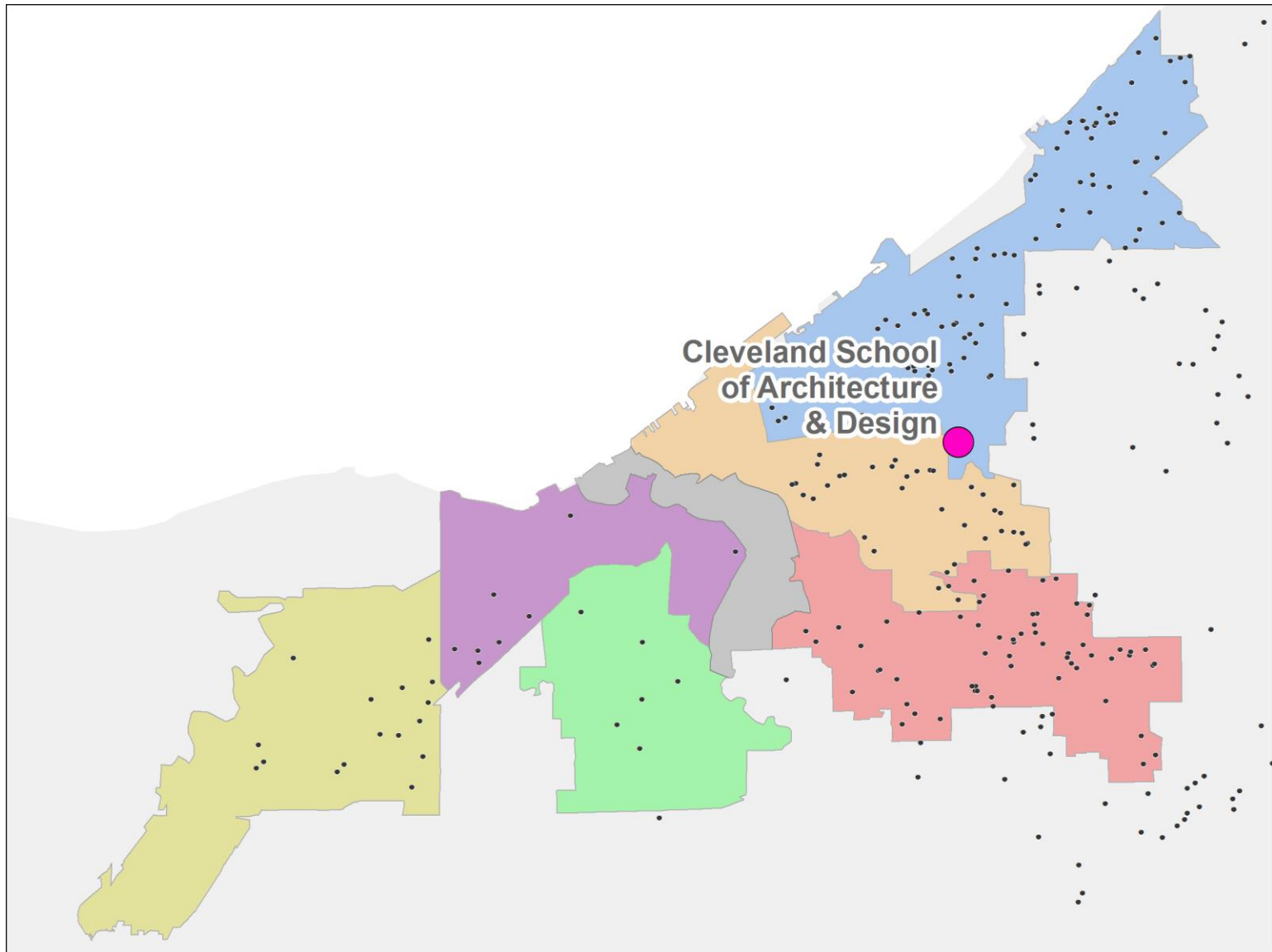


SOURCE: 2017-18 geo-coded enrollment data



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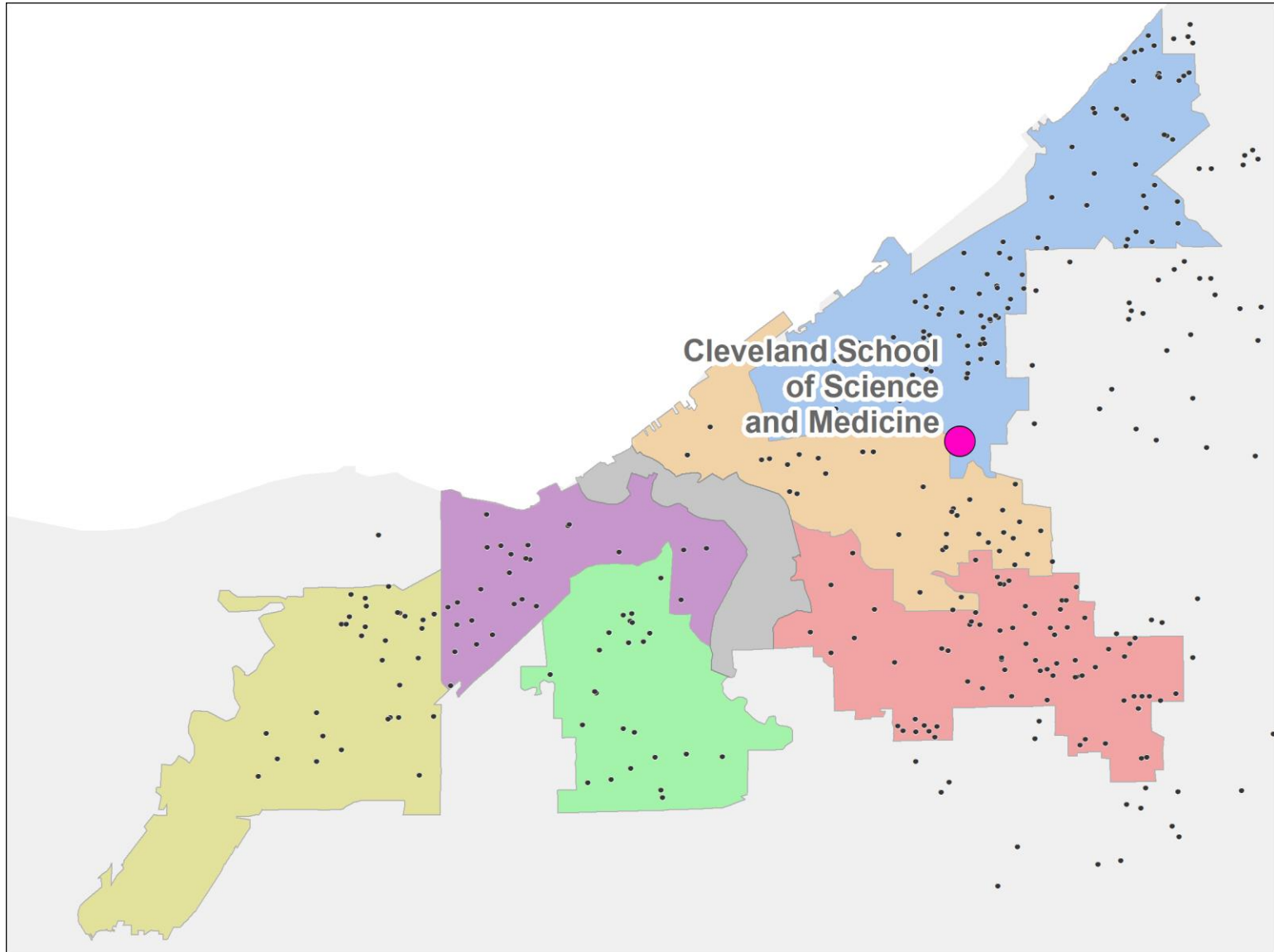


SOURCE: 2017-18 geo-coded enrollment data



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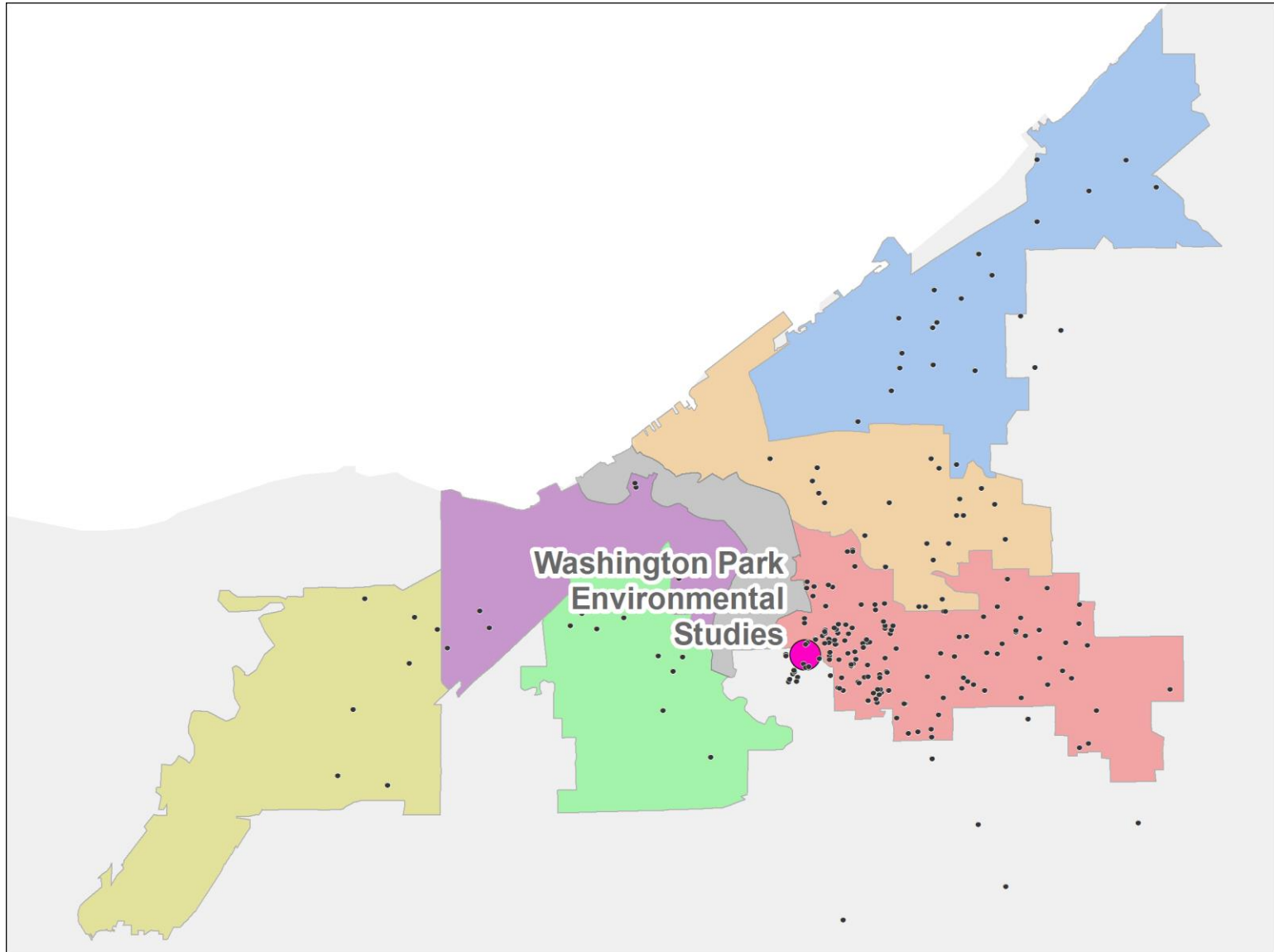


SOURCE: 2017-18 geo-coded enrollment data



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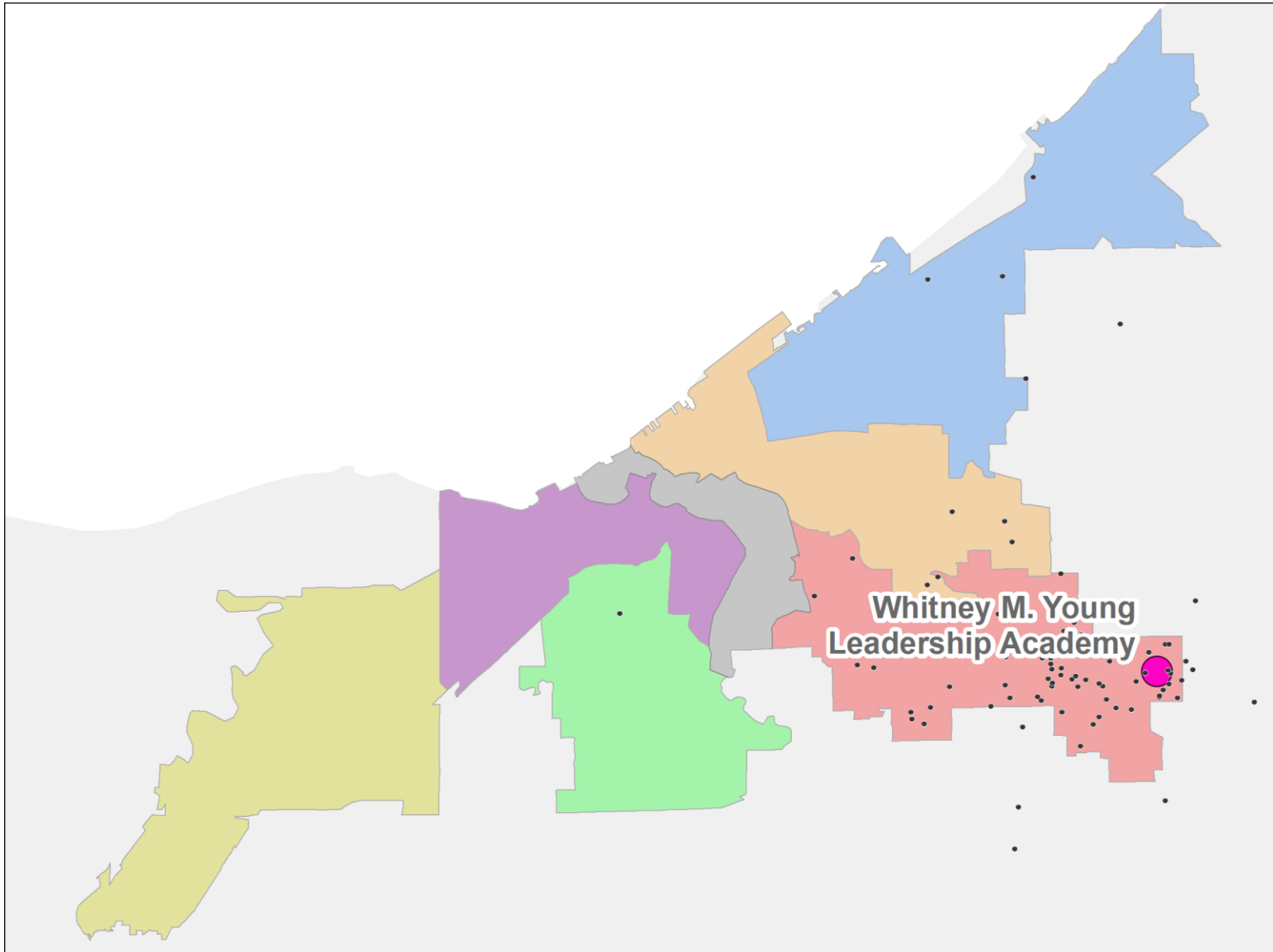


SOURCE: 2017-18 geo-coded enrollment data



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