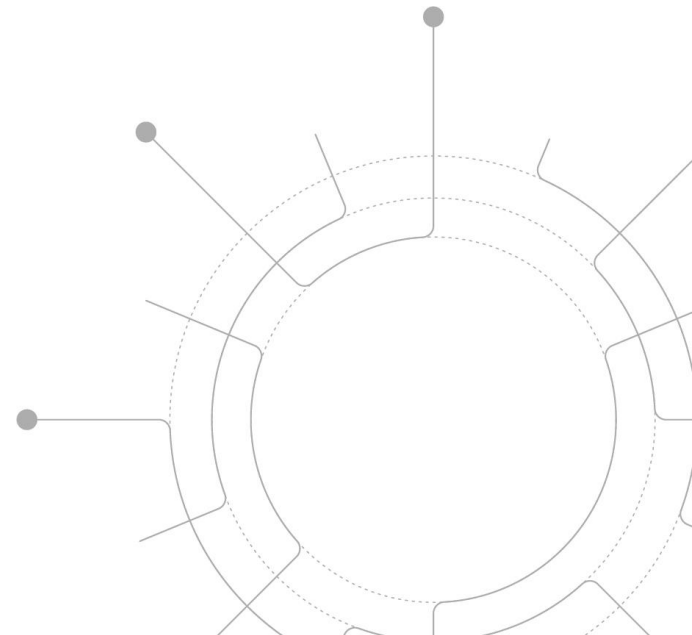




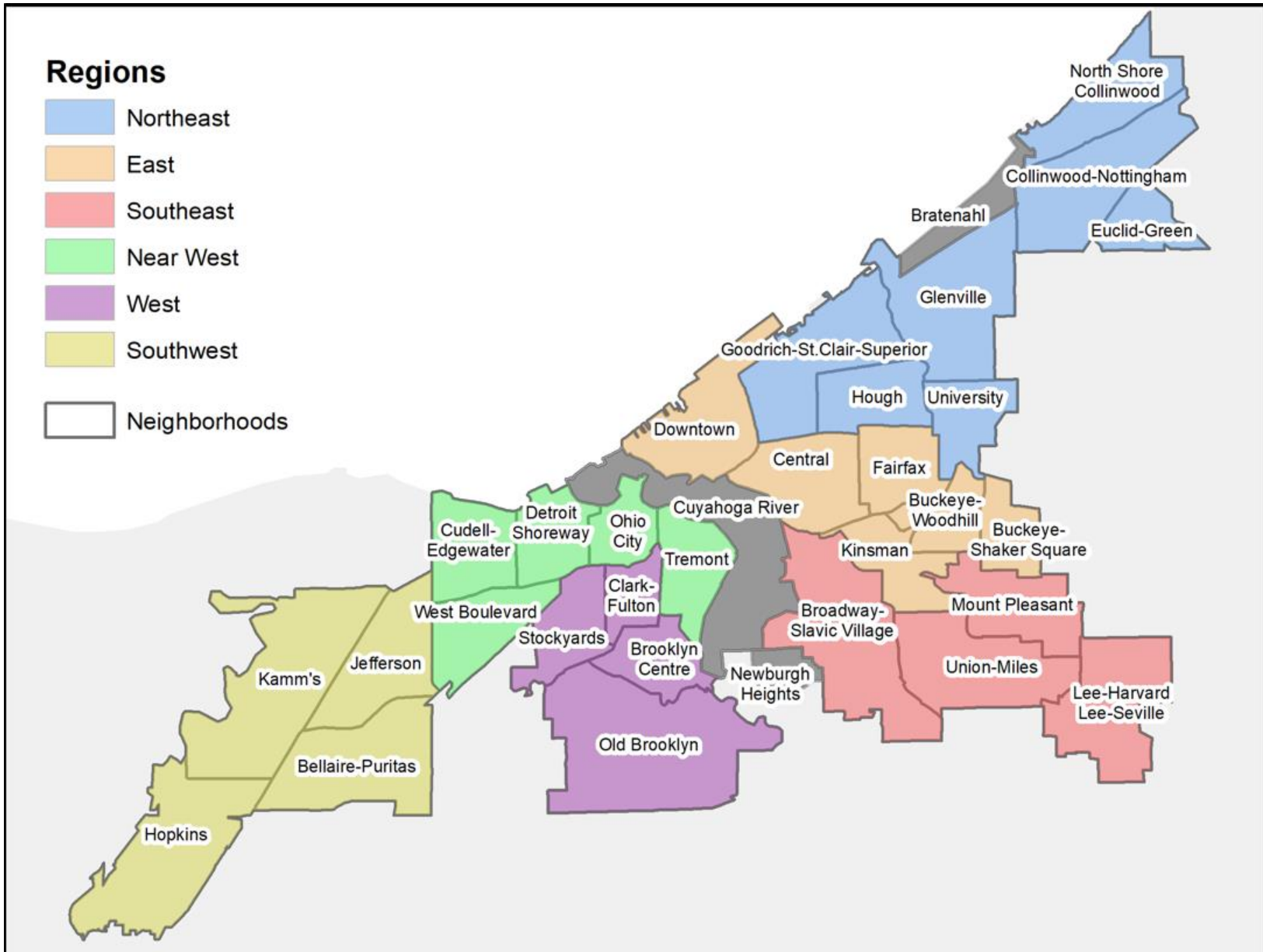
# CITYWIDE ANALYSIS

High School Fact Base: Near West,  
West, and Southwest Regions

Fall 2019



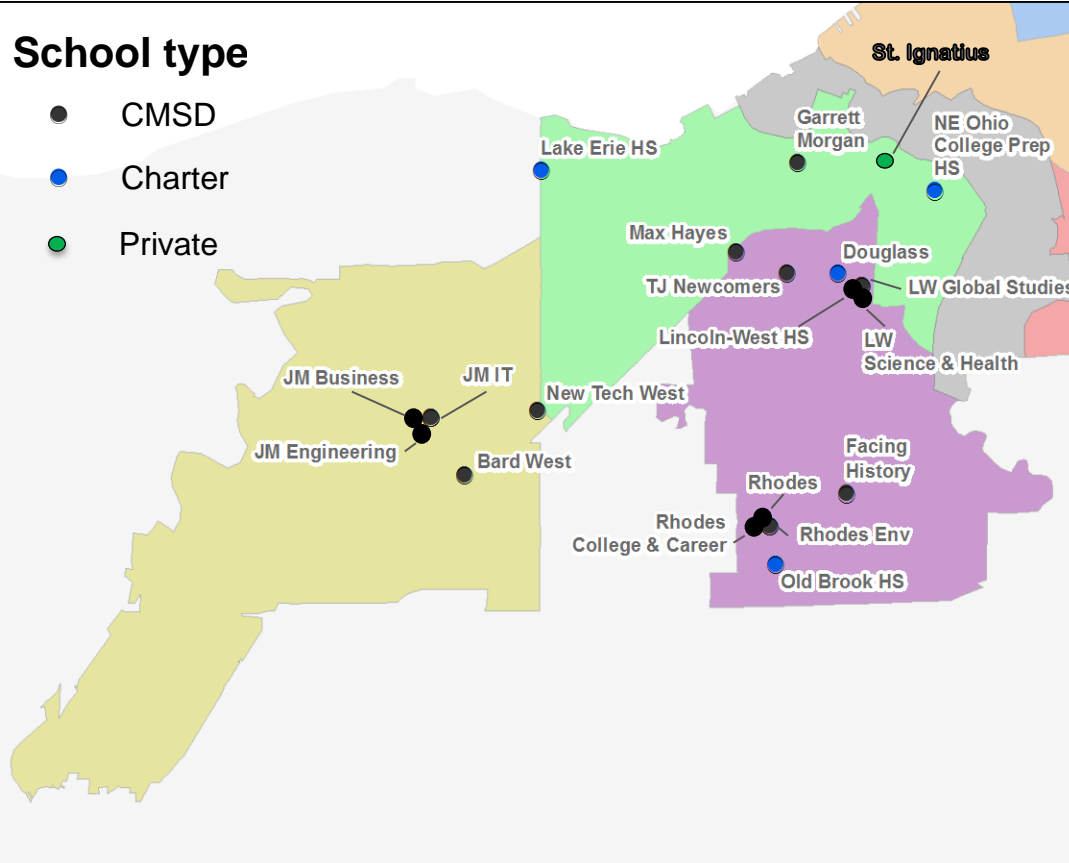
# Near West, West and Southwest Regions: Neighborhoods



# Near West, West and Southwest Regions: High Schools

## School type

- CMSD
- Charter
- Private



### West Side District High Schools (15)

### West Side Charter / Private High Schools (5)

#### Near West

- Garrett Morgan
- Lake Erie
- NE Ohio College Prep
- St. Ignatius (Private)

#### West

- Facing History
- Lincoln-West
- LW Global Studies
- LW Science & Health
- Max Hayes
- Rhodes
- Rhodes College & Career
- Rhodes Env
- TJ Newcomers
- Douglass
- Old Brook

#### Southwest

- Bard West
- JM Business
- JM Engineering
- JM IT
- New Tech West

# Near West, West and Southwest Regions: High School Metric Highlights

## Academic Quality



- 29% of enrollment in west side schools is in A, B or C-rated schools.
- While four programs are C-rated or better, two of those represent programs that are phasing out or are for international newcomers.

## Enrollment and Choice



- High school enrollment is forecast to grow by more than 600 students, or about 9%, by 2022-23 (over 2013-14 levels) with this growth shared by District and charter schools.
- 62% of high school students residing on the west side attend District schools over other options.

## Program Viability







- Four of the west side District high schools are above the minimum viability target of 400 students and two are above the desired sustainability target of 500 students.

## Building Use and Condition



- 77% of west side District high school seats are utilized with only 1,500 vacant high school seats in the area as compared with 7,200 vacant high school seats in east side high schools.
- Approximately 66% of students attending District high schools are served in buildings that are newly built or renovated since 2002.

# West Side High Schools: Summary of Near West District high school performance against 4 key metrics (1 of 3)

School	 Academic Quality	 Enrollment Trend	 Program Viability	 Building Use and Condition
Garrett Morgan	F (--)	Flat	261	55%

Metric	2019 ODE Report Card Grade <sup>1</sup> (2019 Performance Trend <sup>2</sup> )	2014-15 vs. 2018-19 High School Enrollment Change	2018-19 High School Enrollment <sup>3</sup>	2018-19 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 2019 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 2019 performance index and high school graduation rate

<sup>3</sup> 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

<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

# West Side High Schools: Summary of Southwest District high school performance against 4 key metrics (2 of 3)

School	 Academic Quality	 Enrollment Trend	 Program Viability	 Building Use and Condition
Bard West	D (--)	Positive	420	42%
JM Business	C- (--)	Positive	419	98% <sup>4</sup>
JM Engineering	F (--)	Positive	370	98% <sup>4</sup>
JM IT	D (--)	Positive	388	98% <sup>4</sup>
New Tech West	D (↑)	Flat	288	N/A (Swing Space)
School of One: John Marshall	C (--)	N/A	45	98% <sup>4</sup>

Metric	2019 ODE Report Card Grade <sup>1</sup> (2019 Performance Trend <sup>2</sup> )	2014-15 vs. 2018-19 High School Enrollment Change	2018-19 High School Enrollment <sup>3</sup>	2018-19 District Adjusted Capacity Utilization <sup>5</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 2019 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 2019 performance index and high school graduation rate

<sup>3</sup> 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

<sup>4</sup> Utilization for facilities with multiple school programs reflects the combined 2018-19 enrollment and total adjusted capacity for the campus

<sup>5</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

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

School	 Academic Quality	 Enrollment Trend	 Program Viability	 Building Use and Condition
Facing History	F+ (--)	Positive	338	N/A (Swing Space)
Lincoln-West High School	C (↑)	Negative (phase-out)	164 (phase-out)	56% <sup>4</sup>
LW Global Studies	F+ (New)	Positive (phase-in)	271 (phase-in)	56% <sup>4</sup>
LW Science & Health	D- (New)	Positive (phase-in)	219 (phase-in)	56% <sup>4</sup>
School of One: Lincoln West	C (--)	N/A	37	56% <sup>4</sup>
Max Hayes	D- (--)	Negative	614	77%
Rhodes	F+ (--)	Negative (phase-out)	650 (phase-out)	>100% <sup>4</sup>
Rhodes College & Career	B- (New)	Positive (phase-in)	284 (phase-in)	>100% <sup>4</sup>
Rhodes Env	D- (New)	Positive (phase-in)	262 (phase-in)	>100% <sup>4</sup>
School of One: Rhodes	C (--)	N/A	26	>100% <sup>4</sup>
TJ Newcomers	C- (--)	Positive	247	85% <sup>4</sup>

Metric	2019 ODE Report Card Grade <sup>1</sup> (2019 Performance Trend <sup>2</sup> )	2014-15 vs. 2018-19 High School Enrollment Change	2018-19 High School Enrollment <sup>3</sup>	2018-19 District Adjusted Capacity Utilization <sup>5</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 2019 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 2019 performance index and high school graduation rate

<sup>3</sup> 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

<sup>4</sup> Utilization for facilities with multiple school programs reflects the combined 2018-19 enrollment and total adjusted capacity for the campus

<sup>5</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

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

School	 Academic Quality	 Enrollment Trend	 Program Viability	 Building Use and Condition
NE Ohio College Prep	D+ (↑)	Negative	230	Data not requested
<b>Alternative Schools</b>				
Frederick Douglass	Meets	Negative	55	Data not requested
Lake Erie High School	Meets	Flat	248	Data not requested
Old Brook High School	Meets	Positive	155	Data not requested

Metric	2019 ODE Report Card Grade <sup>1</sup> (2019 Performance Trend <sup>2</sup> )	2014-15 vs. 2018-19 High School Enrollment Change	2018-19 Enrollment <sup>3</sup>	2018-19 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		

<sup>1</sup> 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

<sup>2</sup> Trend is based on the 3-year average of the standardized change of 2019 performance index and high school graduation rate

<sup>3</sup> Based on 2018-19 ODE headcount enrollment data

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

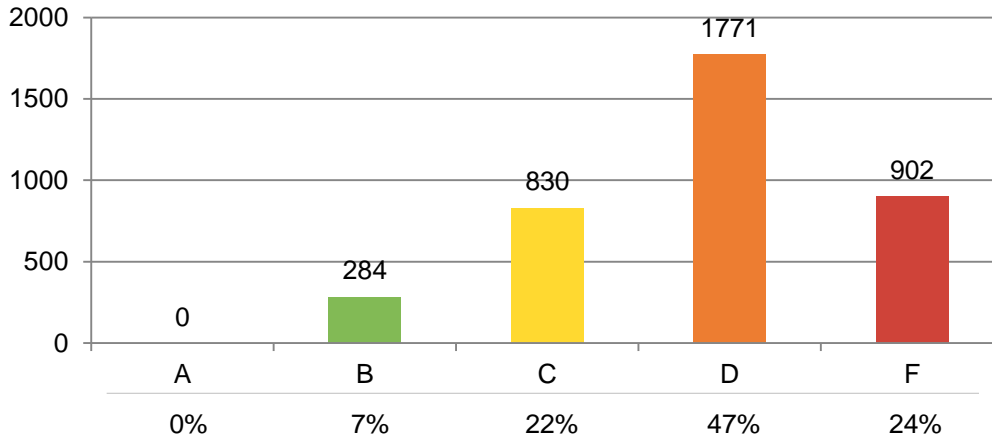




# West Side High Schools: How many High School students are enrolled in quality schools?

Sep. 28, 2019

2018-19 Enrollment in West Side High Schools by 2019 ODE Report Card Grade<sup>1</sup>



District High School	Grade <sup>2</sup>	Trend <sup>3</sup>			
Rhodes College & Career	B-	(new)	Rhodes	F+	(--)
Lincoln-West High School	C	(↑)	LW Global Studies	F+	(new)
TJ Newcomers 9-12	C-	(--)	Garrett Morgan	F	(--)
JM Business	C-	(--)	JM Engineering	F	(--)
Bard West <sup>4</sup>	D	(--)	Charter High School	Grade <sup>2</sup>	Trend <sup>2</sup>
JM IT	D	(--)	NE College Prep	D+	(↑)
New Tech West	D	(↑)	Alternative High School	Grade <sup>2</sup>	Trend <sup>2</sup>
LW Science & Health	D-	(new)	School of One	C	
Max Hayes	D-	(--)	Frederick Douglass	Meets	
Rhodes Env	D-	(new)	Lake Erie High School	Meets	
Facing History	F+	(--)	Old Brook High School	Meets	

- 71% of west side high school enrollment is at D or F-rated schools.
- One out of five district B-rated programs is located on the west side.

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

<sup>2</sup> 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.

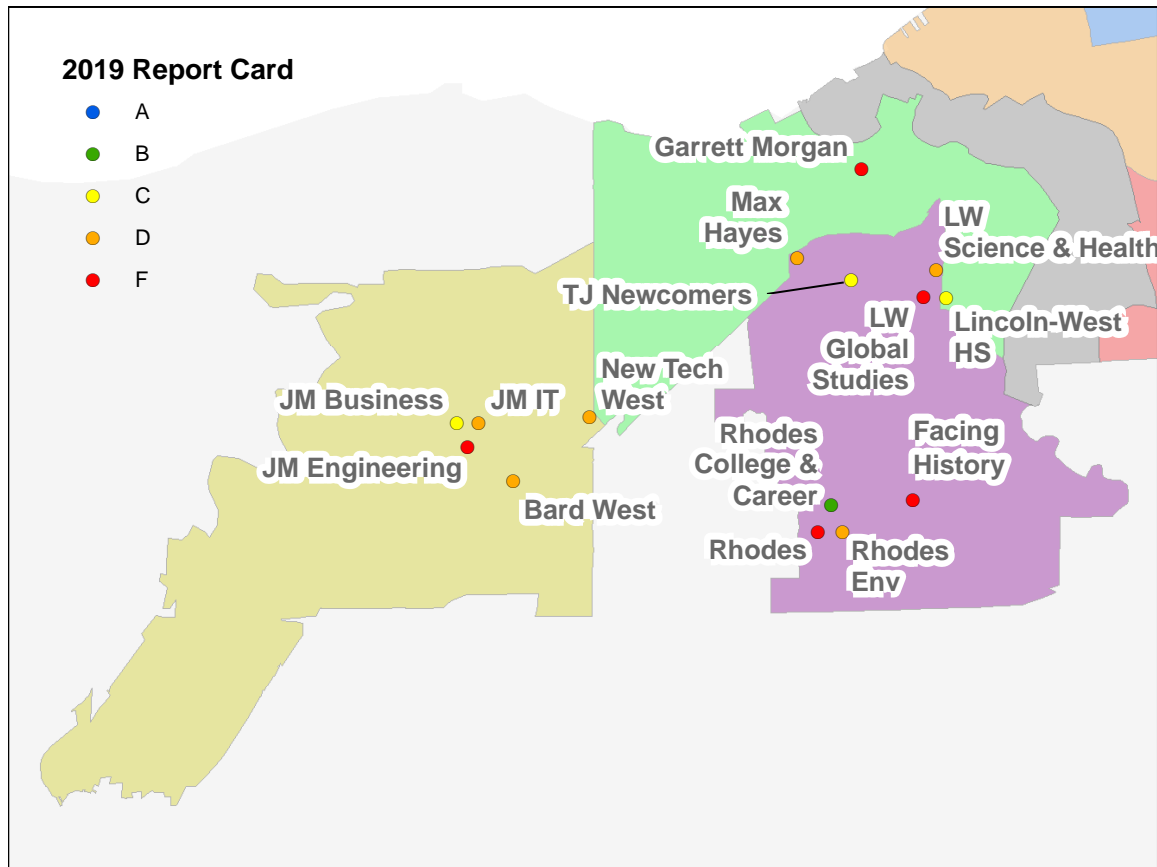
<sup>3</sup> Trend is based on the average of the standardized change of 2019 performance index and graduation rate; <-0.5 = declining, >0.5 = improving

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



# West Side High Schools: Where are quality schools located?

2018-19 School Locations by 2019 ODE Overall Report Card Grade



- With two of the C-rated schools being either phase-out or for international newcomers, only Rhodes College & Career and John Marshall Civic & Business are highly-rated on the west side.



# West 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>
Bard Early College Cleveland	91.80%
John Marshall School of Civic and Business Leadership	86.80%
Max S Hayes High School	86.00%
New Technology West	85.50%
----- National average = 84.6% -----	
The School of One	77.00%
Facing History @ Charles Mooney	75.50%
John Marshall School of Information Technology	73.80%
James Ford Rhodes High School	67.90%
Lincoln-West High School	67.70%
John Marshall School of Engineering	67.10%
Garrett Morgan School of Science	65.10%
Thomas Jefferson 9-12	57.10%

- Of the eleven high school programs located on the west side (not including the School of One), four are above the national average of 84.6%.
- None of the six programs in the District in the highest band of state ratings ( $\geq 93\%$  graduation rate) are located on the west side.

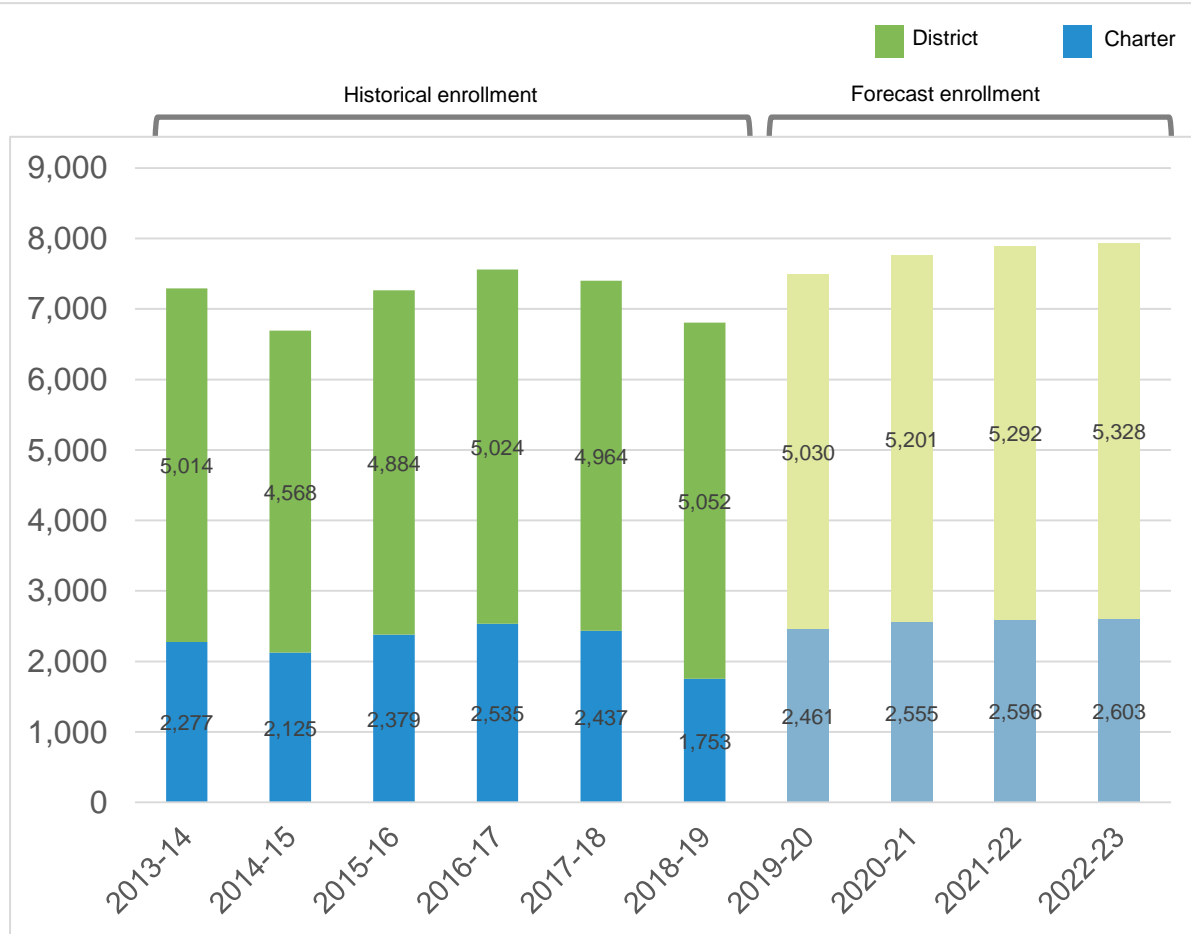
93-100% = Blue  
89-92.9% = Green  
84-88.9% = Yellow

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



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

Historical and Forecast Enrollment of High School Students Residing on the West Side

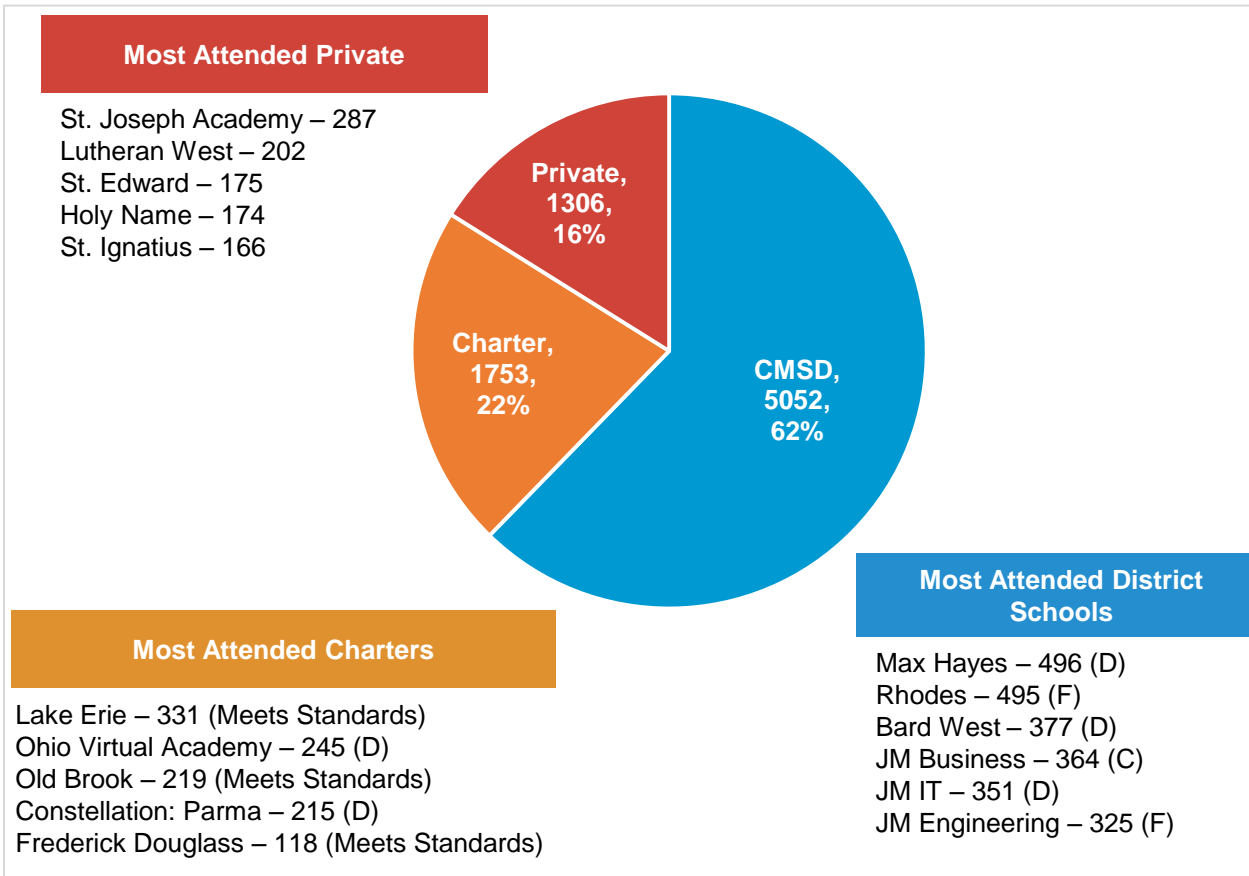


- When combining students across sectors, high school enrollment decreased over 6% from 2013 to 2018, although District schools experienced a slight increase.
- The decrease in SY18-19 can be partially attributed to the closure of ECOT and declines among other charter high schools.



# West Side High Schools: How are west side students choosing among their available school options?

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

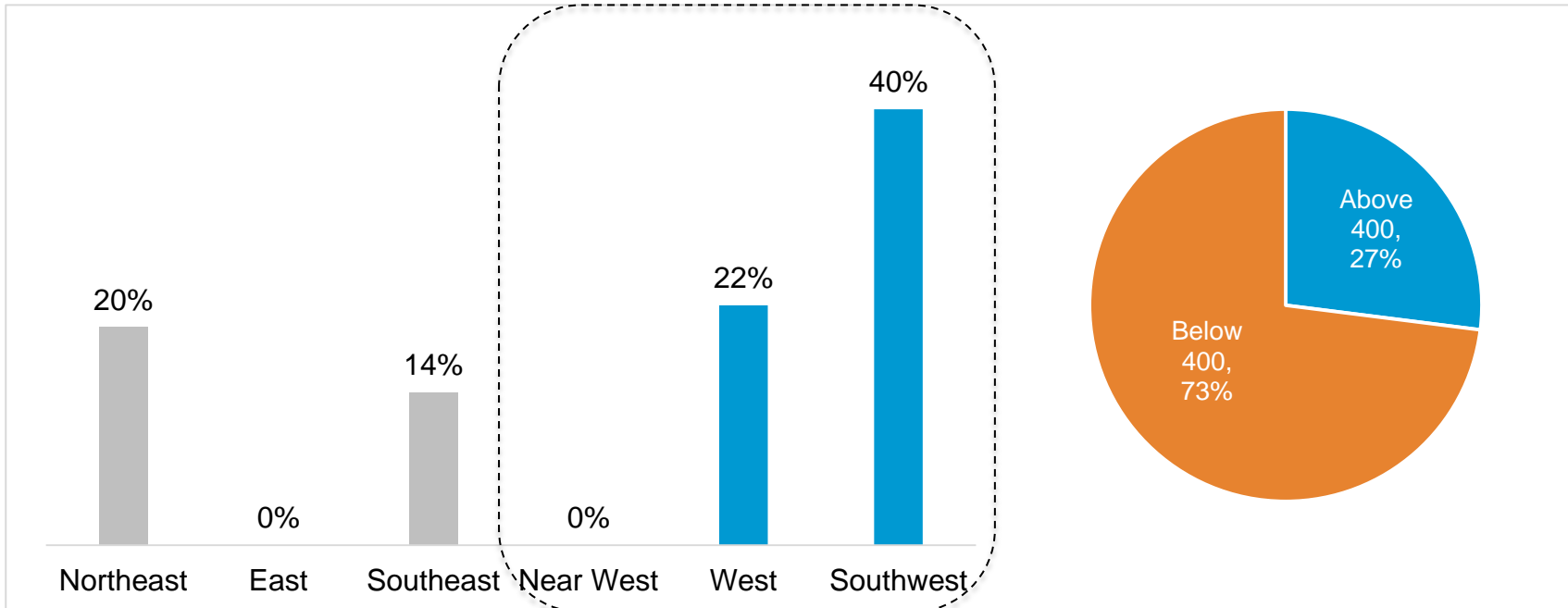


- 62% of area high school students attend District schools over other options.
- Of students attending District schools, 85% of west side residents stay on the west side of Cleveland.
- 369 west side students are choosing virtual programs.



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

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

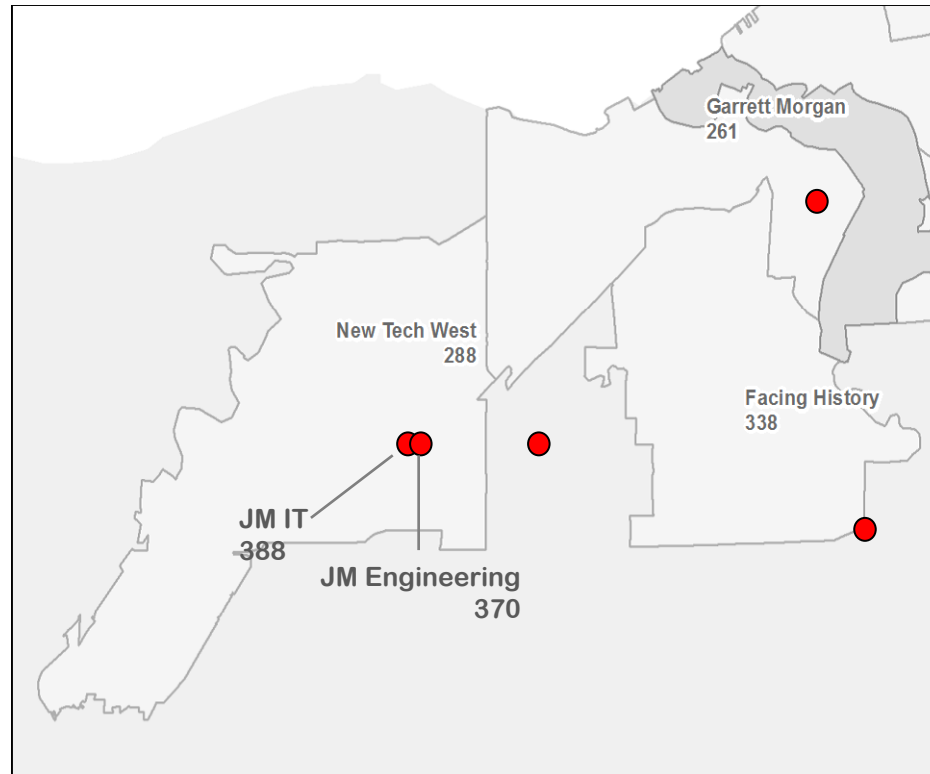


- District high schools with at least 400 students are more likely to have the resources to sustain the baseline desired learning and teaching experience. This minimum enrollment target is the equivalent of 100 students per grade level from 9<sup>th</sup> to 12<sup>th</sup> grade.
- Ideally, District 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.
- 27% of District high school programs in these regions are above the minimum enrollment target of 400 students and two are above the desired enrollment target of 500 students.



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

2018-19 Enrollment and Trend for Schools Below 400 Students



School Name	2018-19 Enrollment	Enrollment Trend
Rhodes	650	Phase-out
Max Hayes	614	Negative
Bard West	420	Positive
JM Business	419	Positive
JM IT	388	Positive
JM Engineering	370	Positive
Facing History	338	Positive
New Tech West	288	Flat
Rhodes College & Career	284	Phase-in
LW Global Studies	271	Phase-in
Rhodes Env	262	Phase-in
Garrett Morgan	261	Flat
TJ Newcomers (not shown)	247	Positive
LW Science & Health	219	Phase-in
Lincoln-West	164	Phase-out

- Aside from Rhodes High School, which is in the process of phasing-out while two new schools are phasing-in, only Max Hayes High School is above the desired viability target of 500 students.
- Bard West and John Marshall School of Civic and Business Leadership are two additional schools above the minimum viability target of 400 students.

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

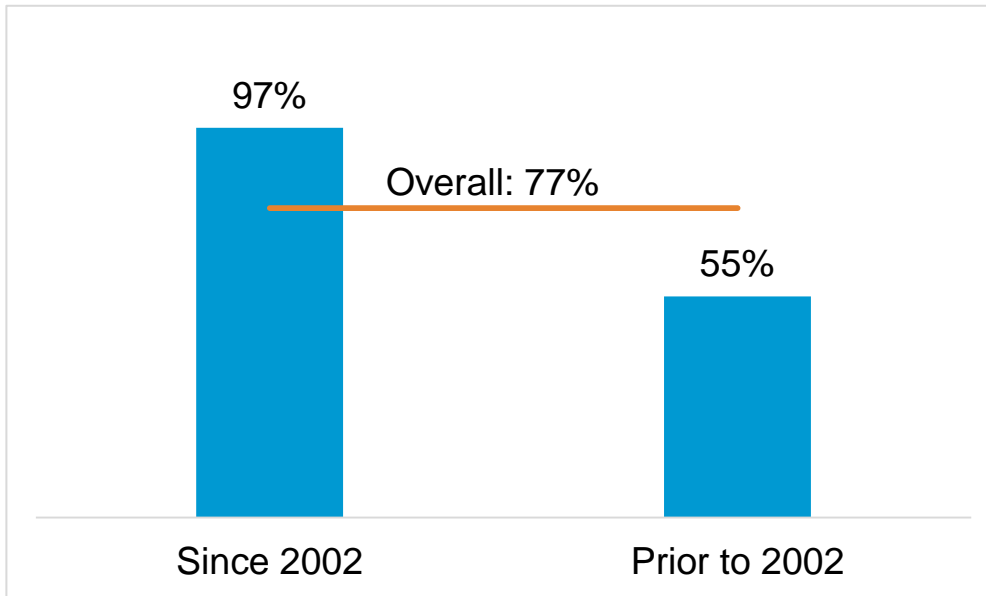
SOURCE: 2018-19 ODE headcount enrollment data

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"



## West 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



- 77% of District high school seats are in use, leaving approximately 1,500 empty seats in these regions. When adjusting capacity for special education and shared campuses, nearly all seats in new or renovated buildings are in use, while 55% of seats in buildings constructed prior to 2002 are in use.
- Approximately 66% of students attending District high schools are served in buildings that are newly built or renovated since 2002. Nine of the 15 District high school programs are operating in buildings newly built or renovated since 2002.





# West 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 bldgs in bold)	Enrollment	Adjusted Capacity	Utilization <sup>1</sup>
<b>Rhodes</b>	650		
<b>Rhodes College &amp; Career</b>	284	975	>100%
<b>Rhodes Env</b>	262		
<b>JM Business</b>	419		
<b>JM Engineering</b>	370	1,200	98%
<b>JM IT</b>	388		
<b>TJ Newcomers (9-12)</b>	247	290	85%
Facing History	338	400	85%
<b>Max Hayes</b>	614	800	77%
<b>New Tech West</b>	288	400	72%
Lincoln-West	164		
LW Global Studies	271	1,175	56%
LW Science & Health	219		
Garrett Morgan	261	475	55%
Bard West	420	1,000	42%
School of One	108	-	-
<b>Total</b>	<b>5,303</b>	<b>6,715</b>	<b>77%</b>

- West side Cleveland high schools are at a relatively strong 77% overall utilization. The west side has less than a quarter of the vacant seats (1,500 vs. 7,200) of Cleveland's east side high schools.
- There is only one west side program with a utilization below 50%, while eight have strong utilization above 80%.

<sup>1</sup> 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.

# West 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 West			Open new school	
Facing History				
Garrett Morgan			Academies of Cleveland	
JM Business	✓		Phase-in redesigned school	
JM Engineering	✓		Phase-in redesigned school	
JM IT	✓		Phase-in redesigned school	
Lincoln-West		✓		Phase-out school
LW Global Studies		✓		Phase-in redesigned school
LW Science & Health		✓		Phase-in redesigned school
Max Hayes	✓		Academies of Cleveland	
New Tech West	Renovated			
Rhodes	✓			Phase-out school
Rhodes College & Career	✓			Phase-in redesigned school
Rhodes Env	✓			Phase-in redesigned school
TJ Newcomers	✓			

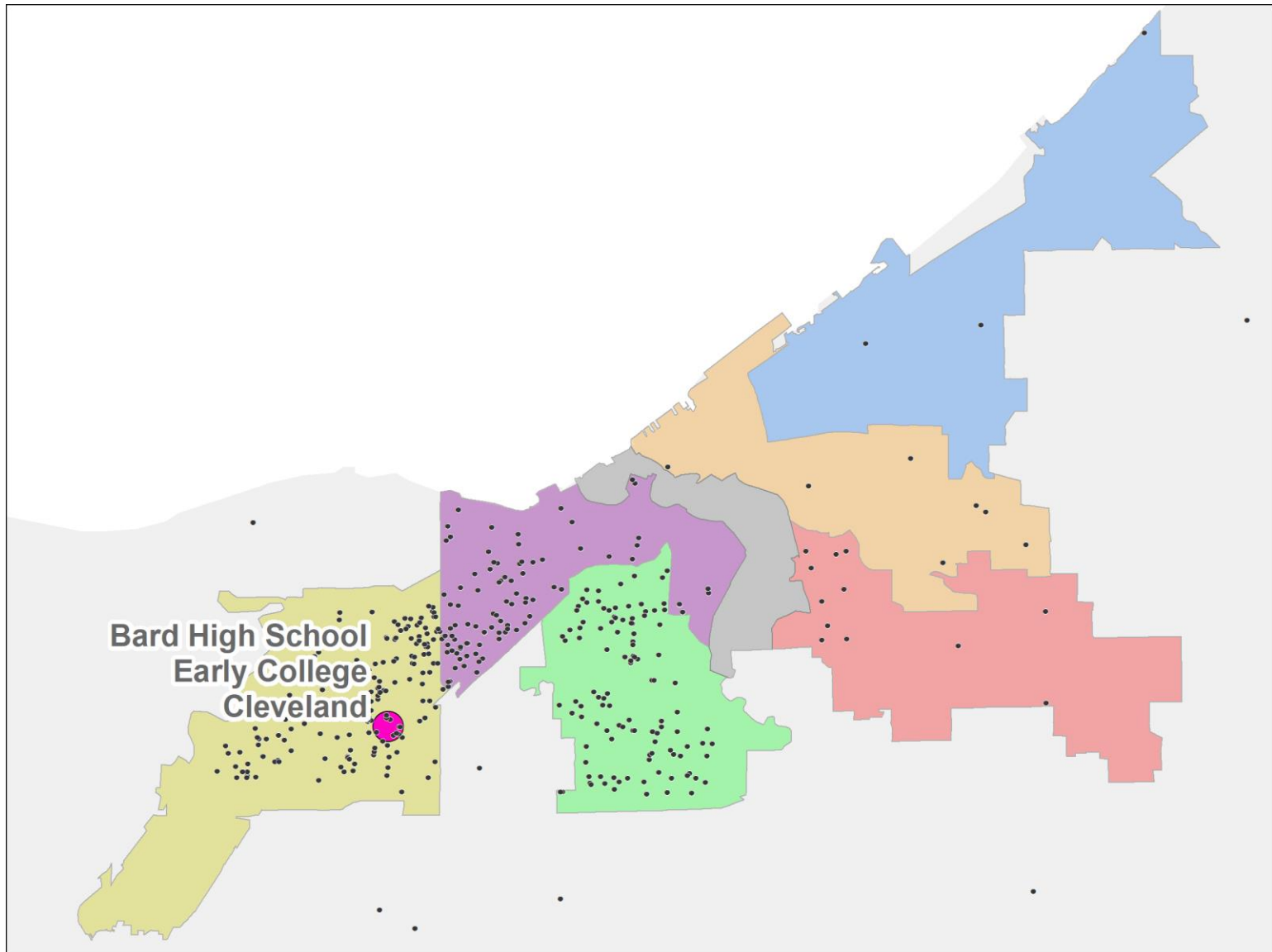
# Appendix

Sep. 28, 2019



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

Sep. 28, 2019

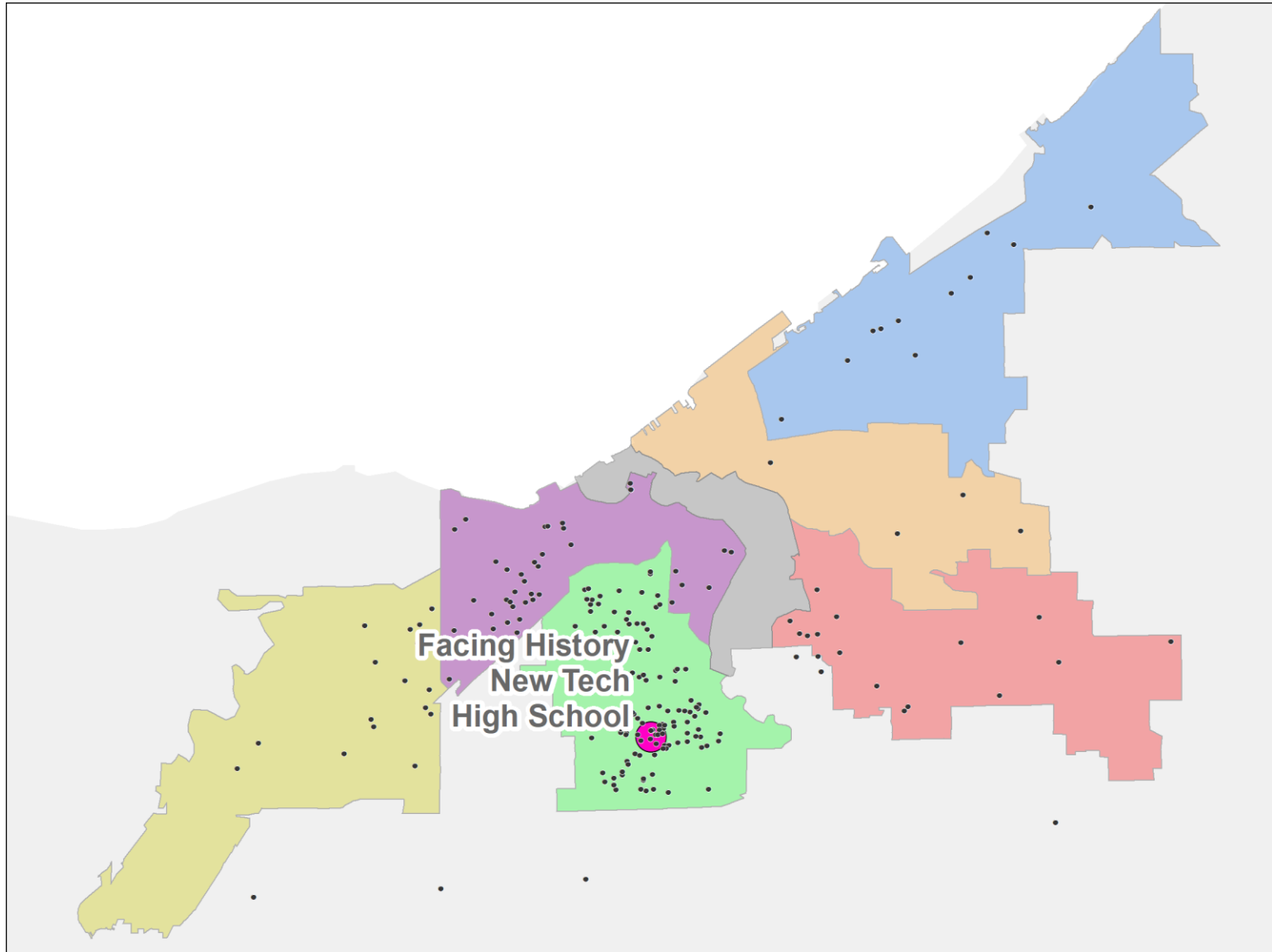


SOURCE: 2017-18 geo-coded enrollment data



# West Side High Schools: Where do students reside?

Sep. 28, 2019

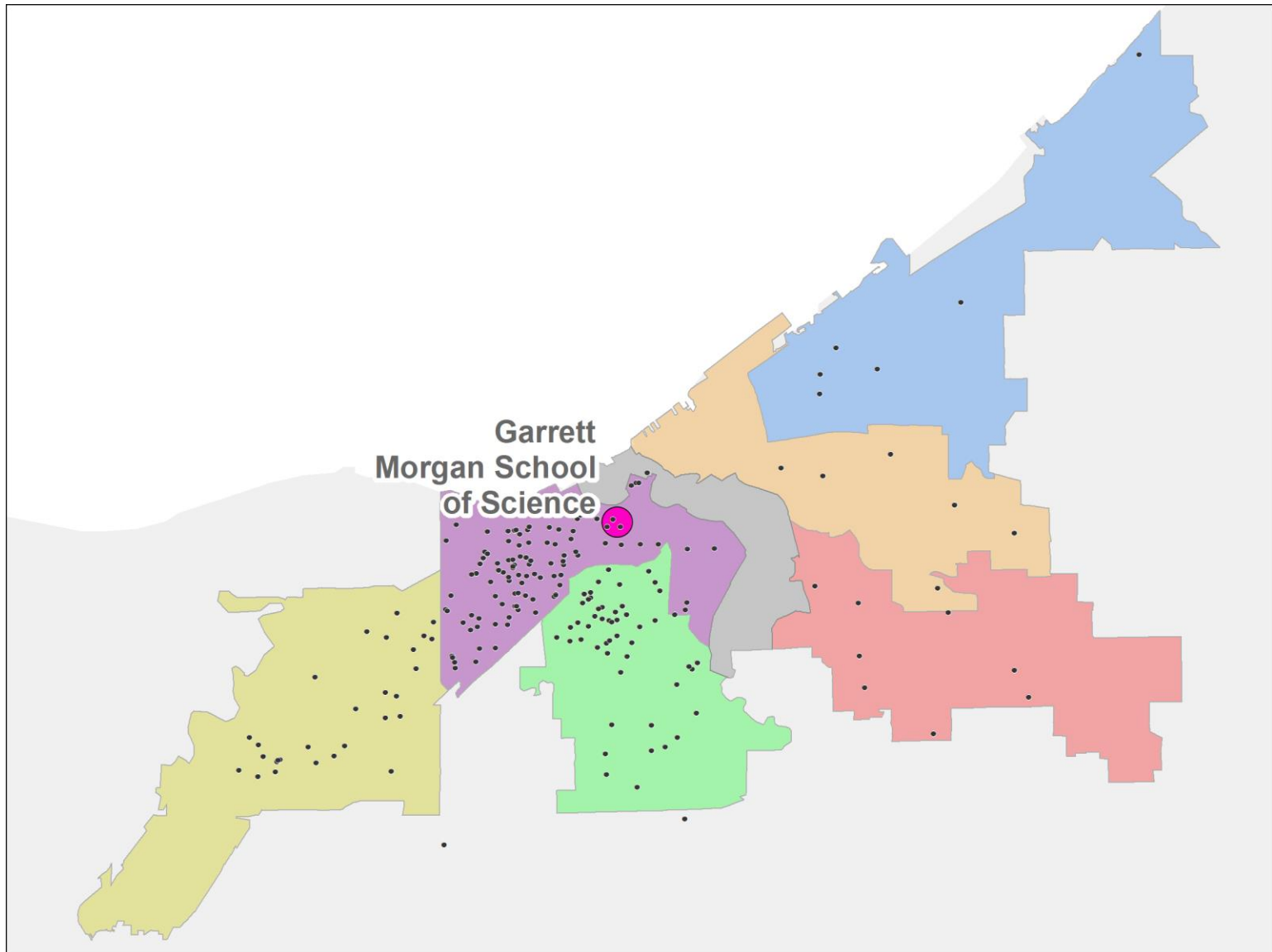


SOURCE: 2017-18 geo-coded enrollment data



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

Sep. 28, 2019

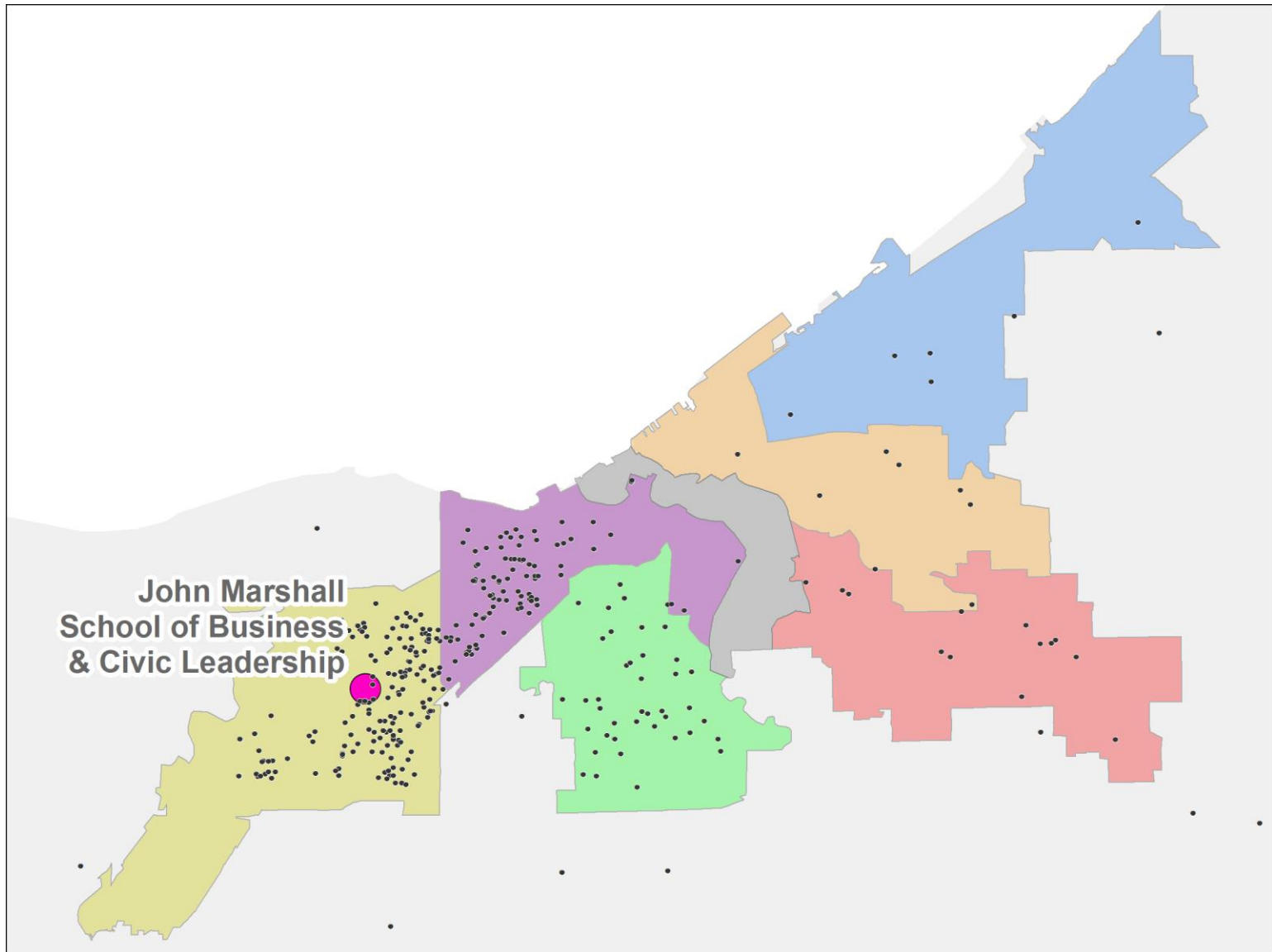


SOURCE: 2017-18 geo-coded enrollment data



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

Sep. 28, 2019

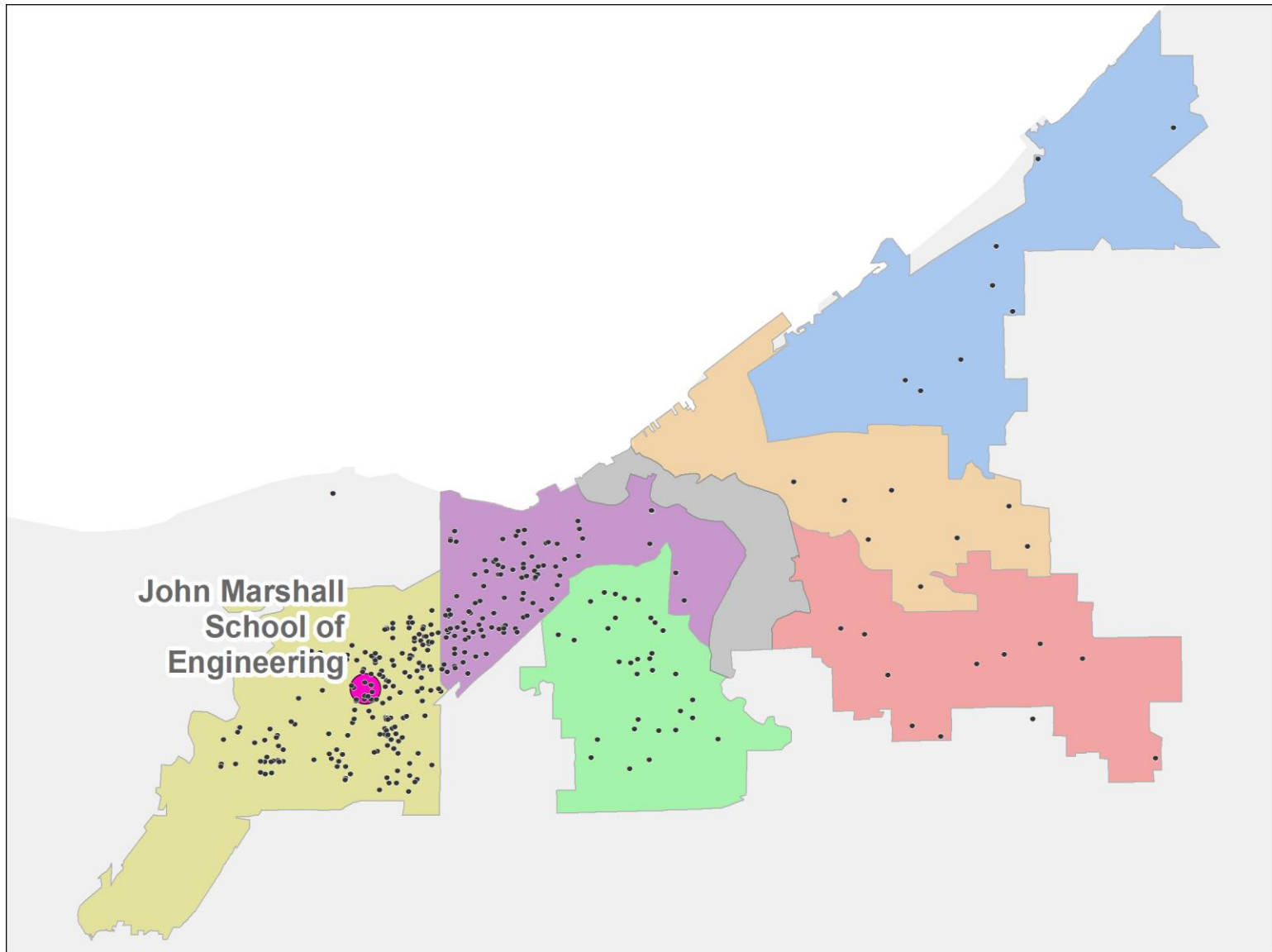


SOURCE: 2017-18 geo-coded enrollment data



# West Side High Schools: Where do students reside?

Sep. 28, 2019



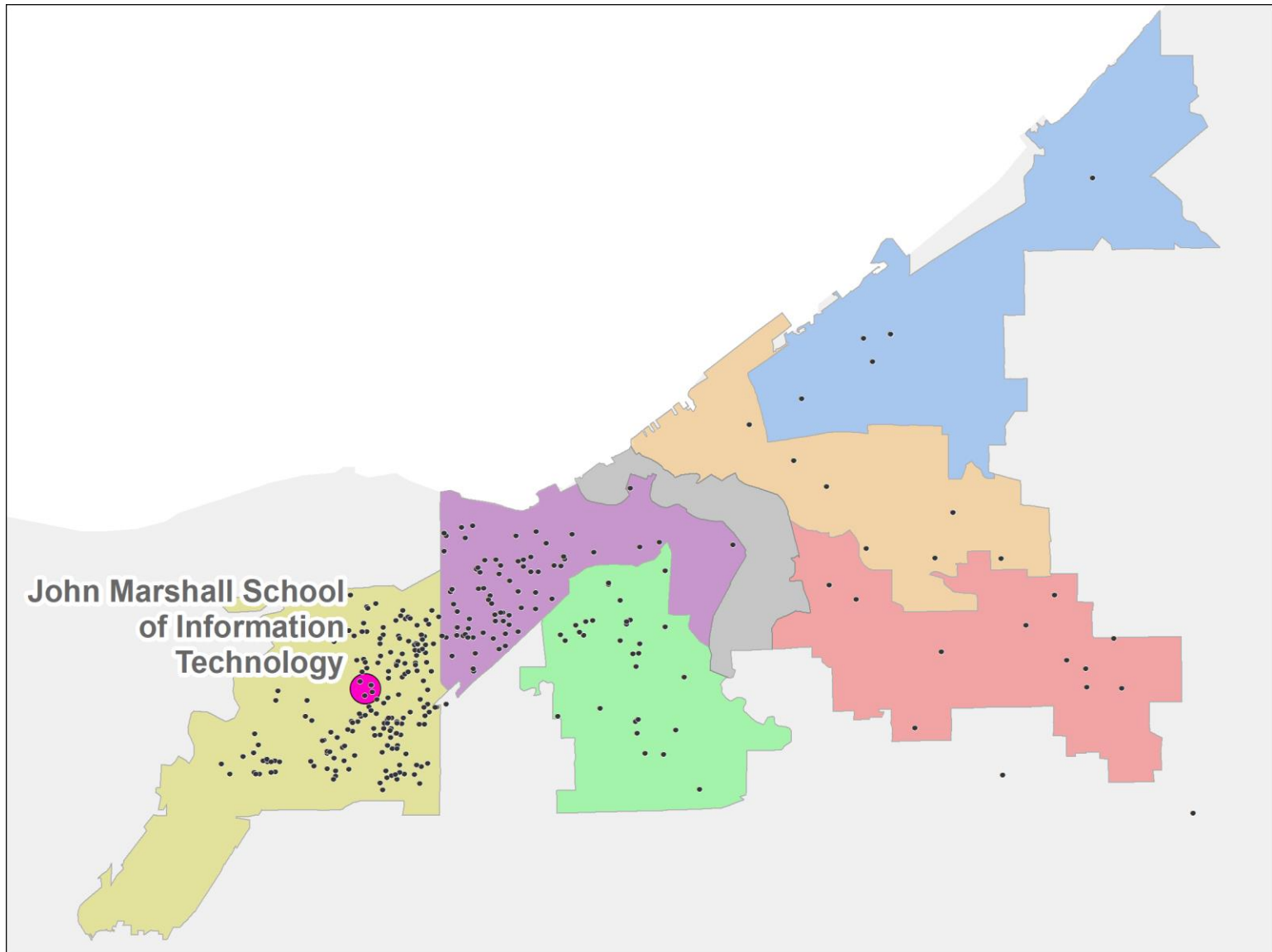
SOURCE: 2017-18 geo-coded enrollment data





# West Side High Schools: Where do students reside?

Sep. 28, 2019

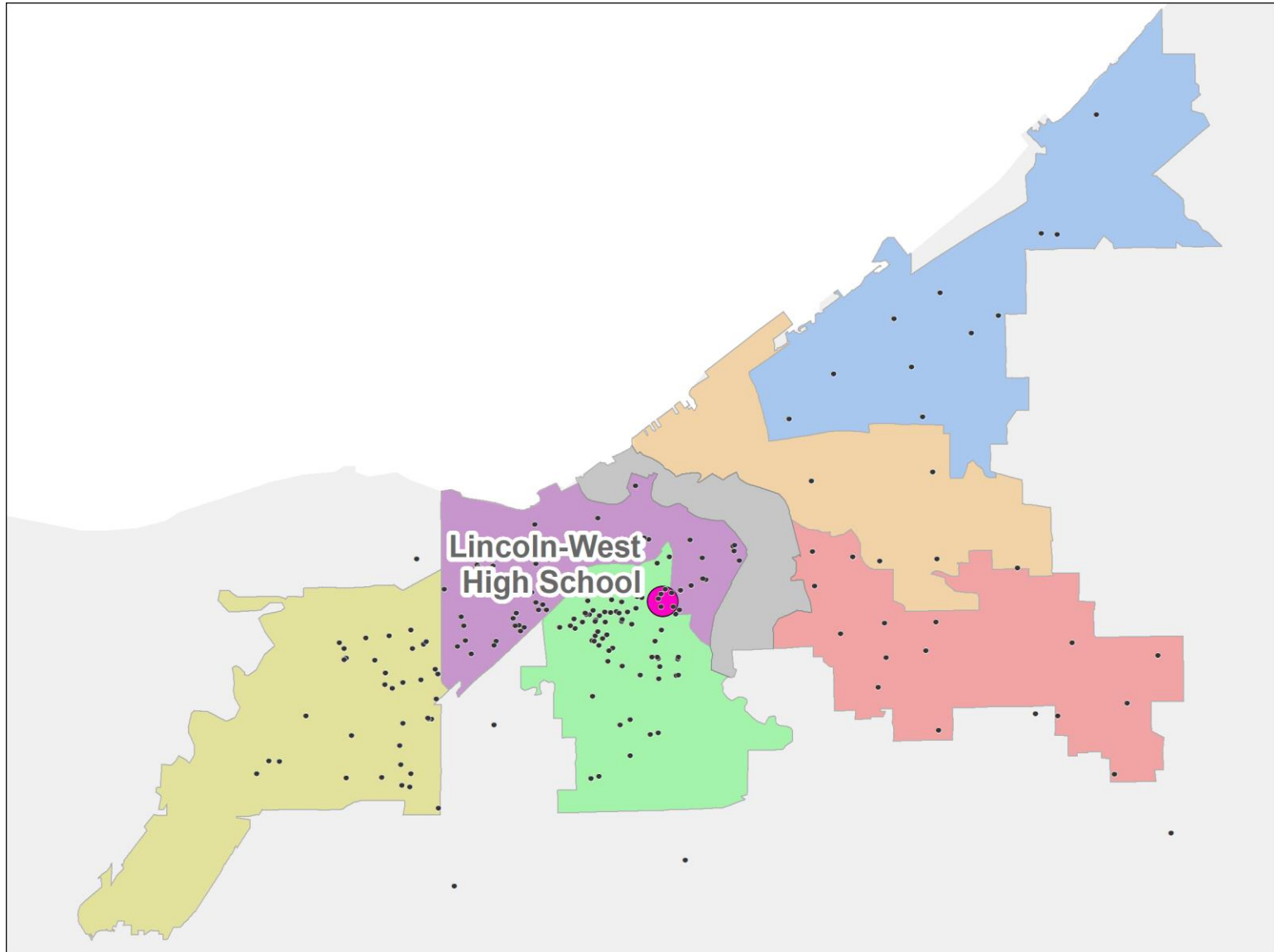


SOURCE: 2017-18 geo-coded enrollment data



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

Sep. 28, 2019

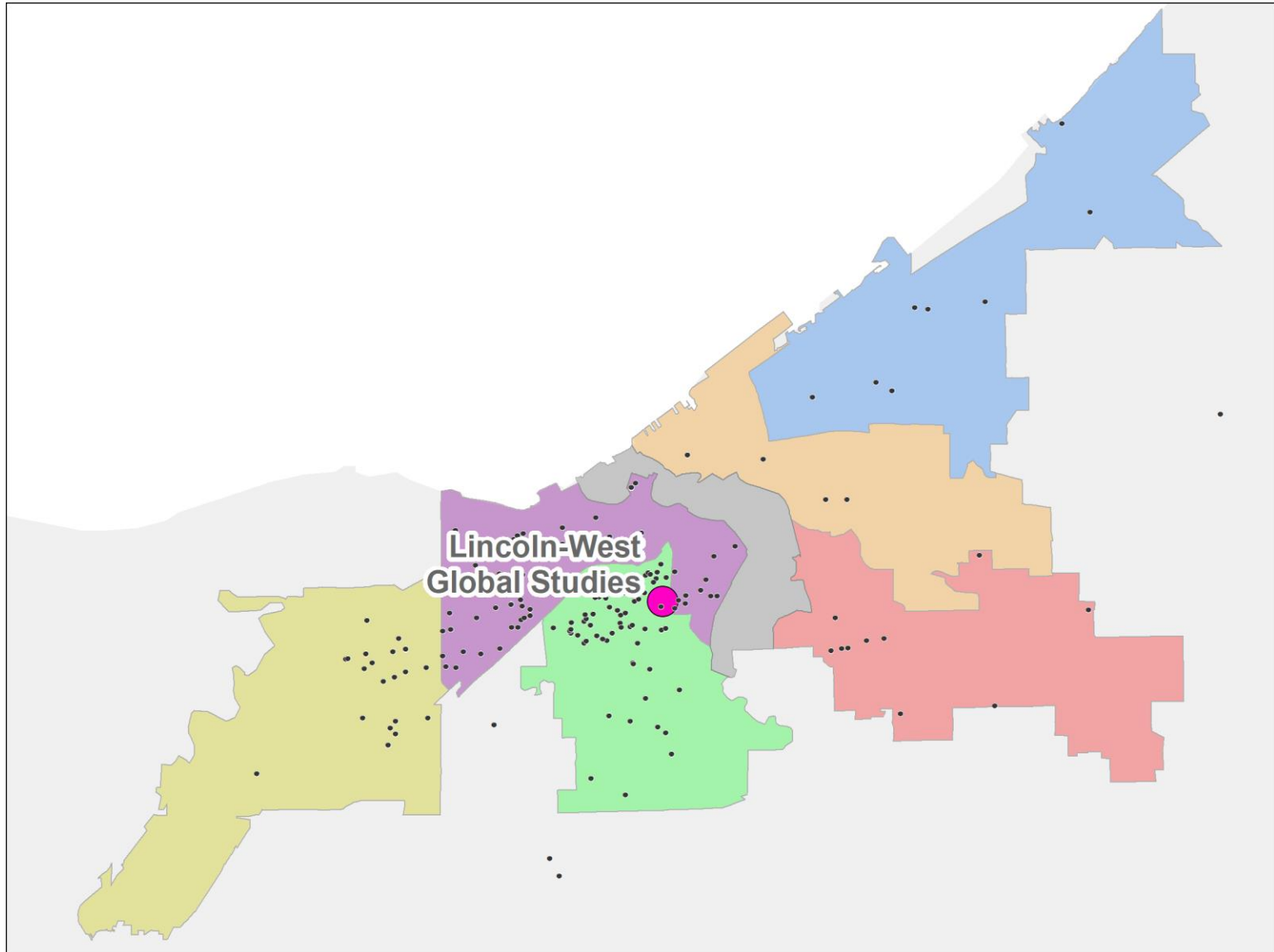


SOURCE: 2017-18 geo-coded enrollment data



# West Side High Schools: Where do students reside?

Sep. 28, 2019

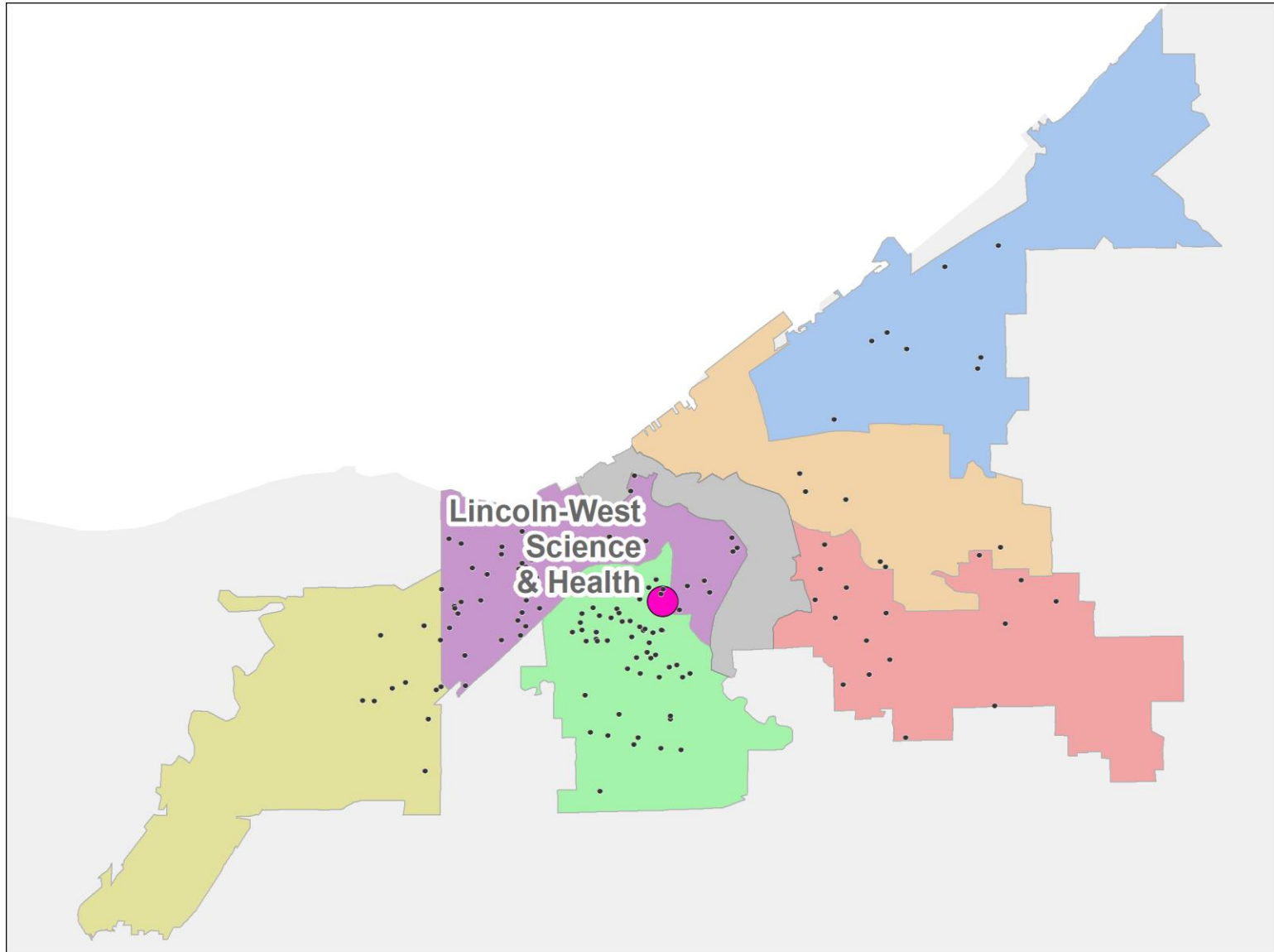


SOURCE: 2017-18 geo-coded enrollment data



# West Side High Schools: Where do students reside?

Sep. 28, 2019

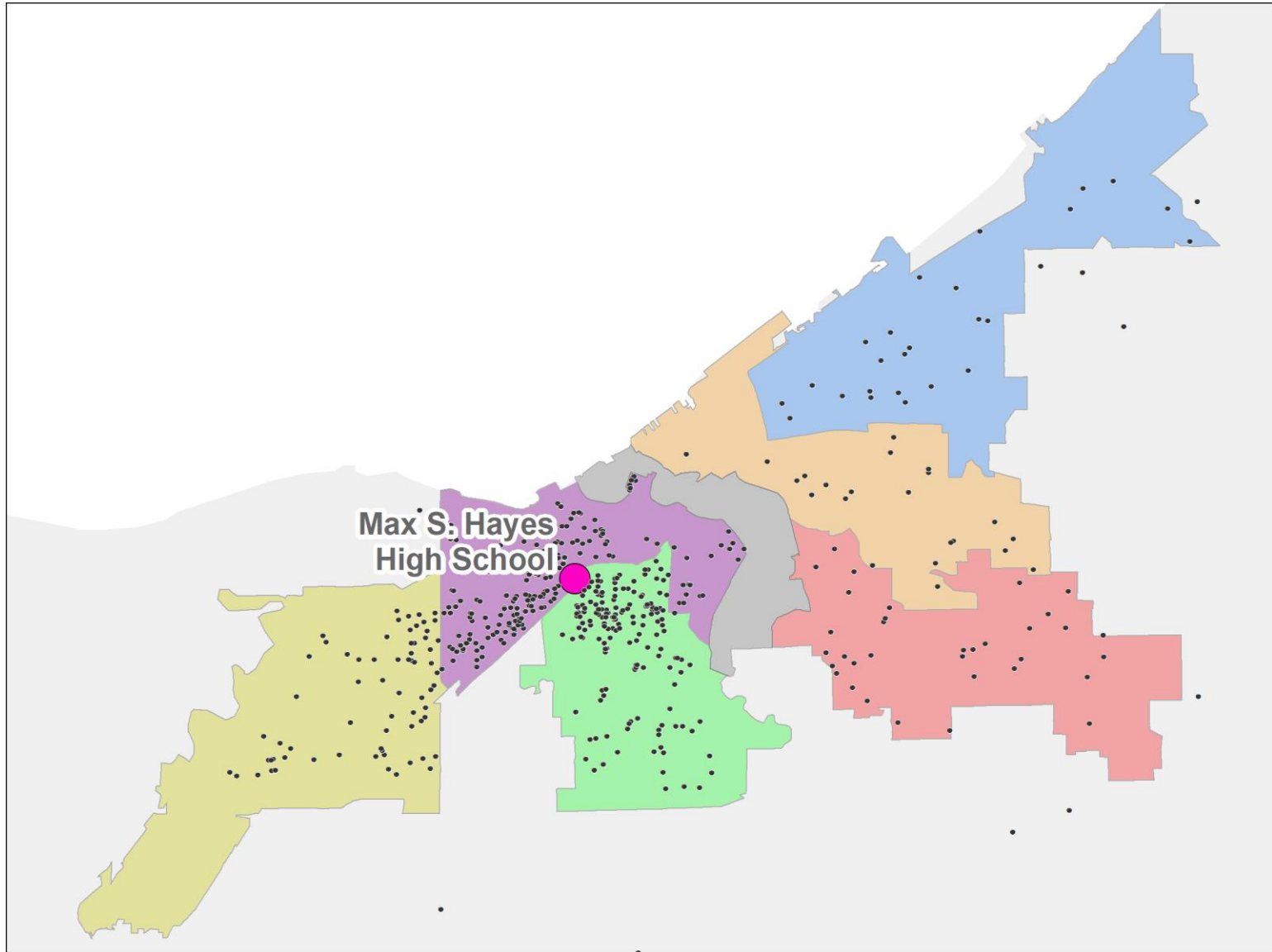


SOURCE: 2017-18 geo-coded enrollment data



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

Sep. 28, 2019

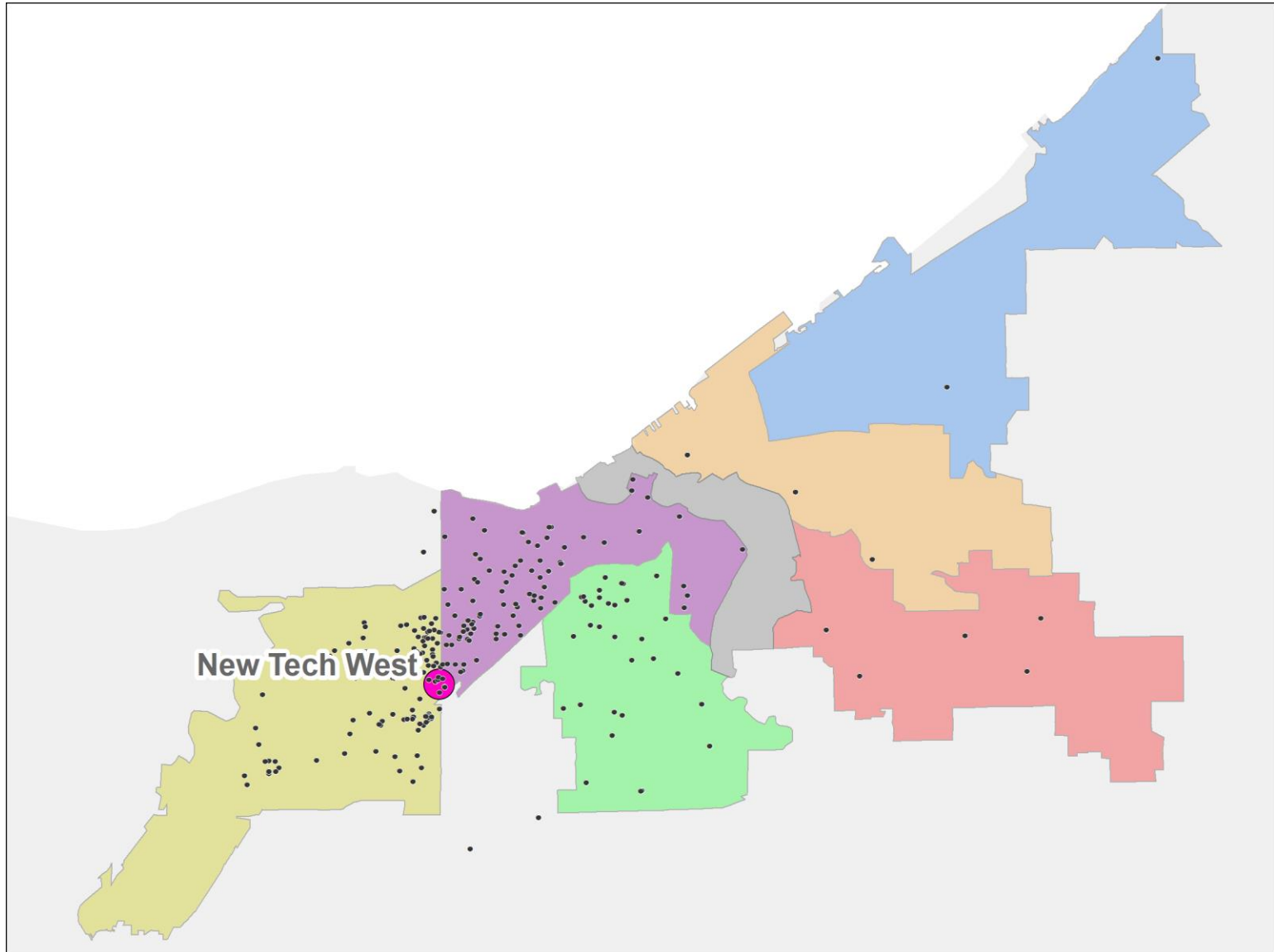


SOURCE: 2017-18 geo-coded enrollment data



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

Sep. 28, 2019

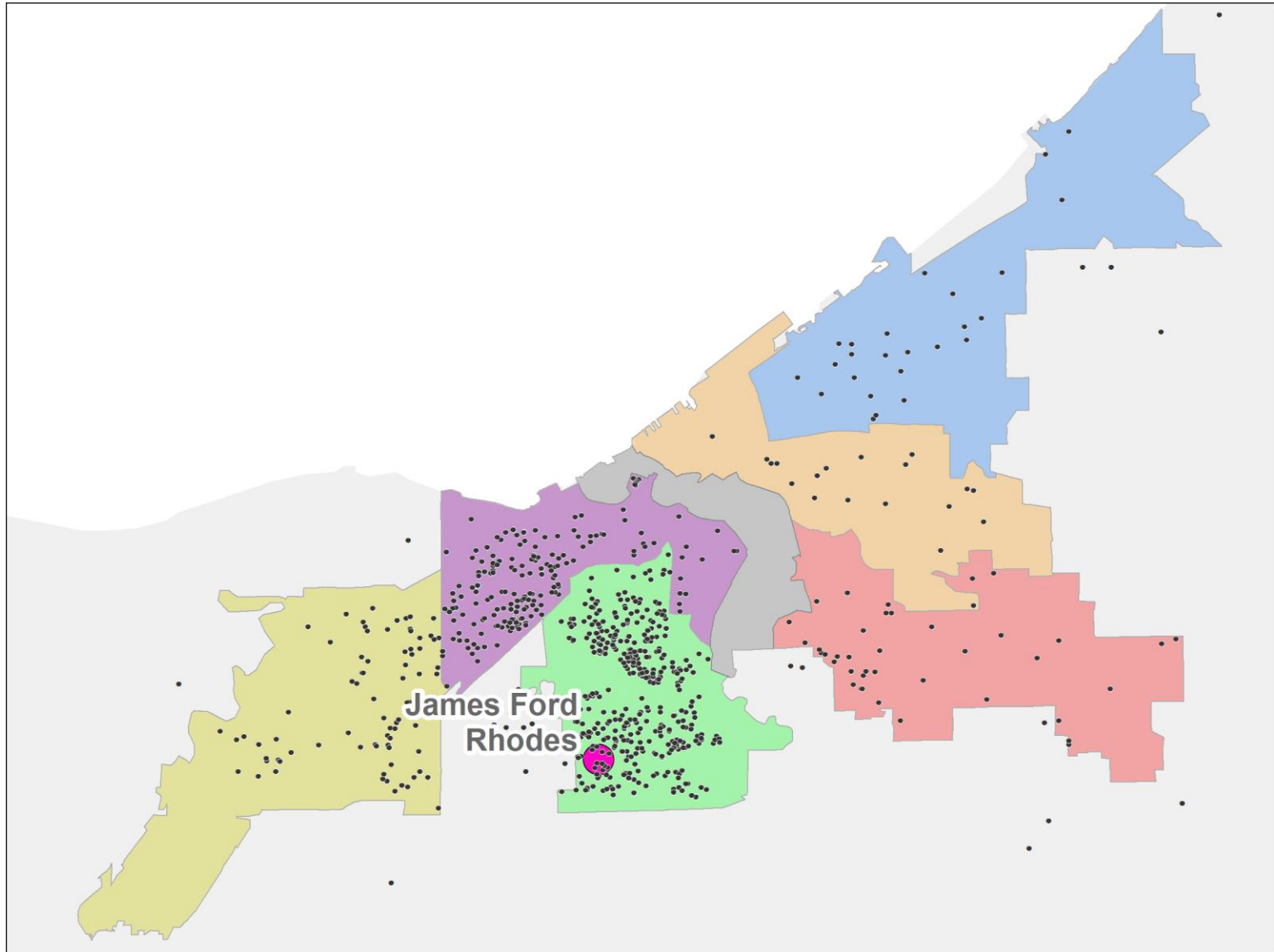


SOURCE: 2017-18 geo-coded enrollment data



# West Side High Schools: Where do students reside?

Sep. 28, 2019

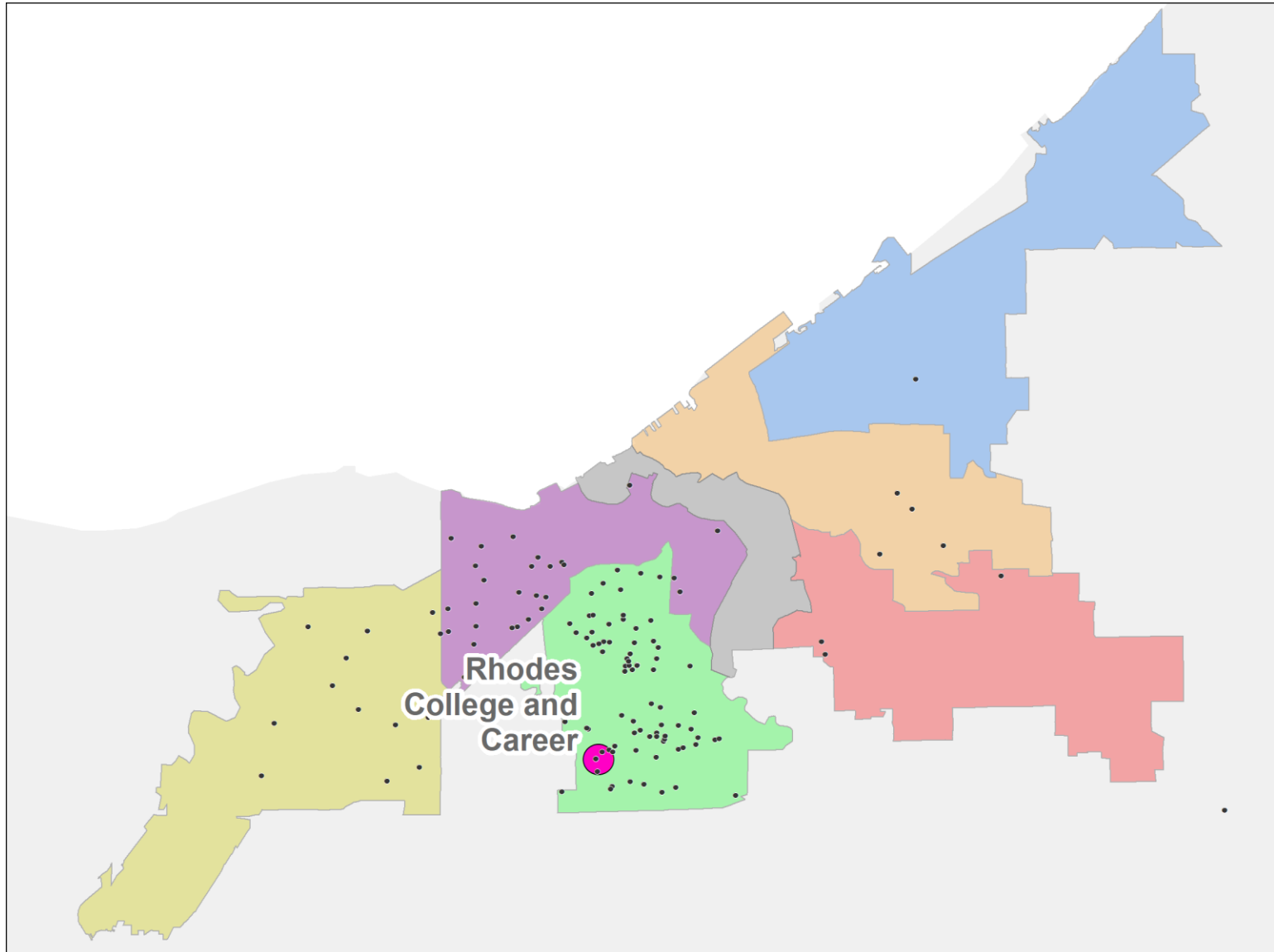


SOURCE: 2017-18 geo-coded enrollment data



# West Side High Schools: Where do students reside?

Sep. 28, 2019



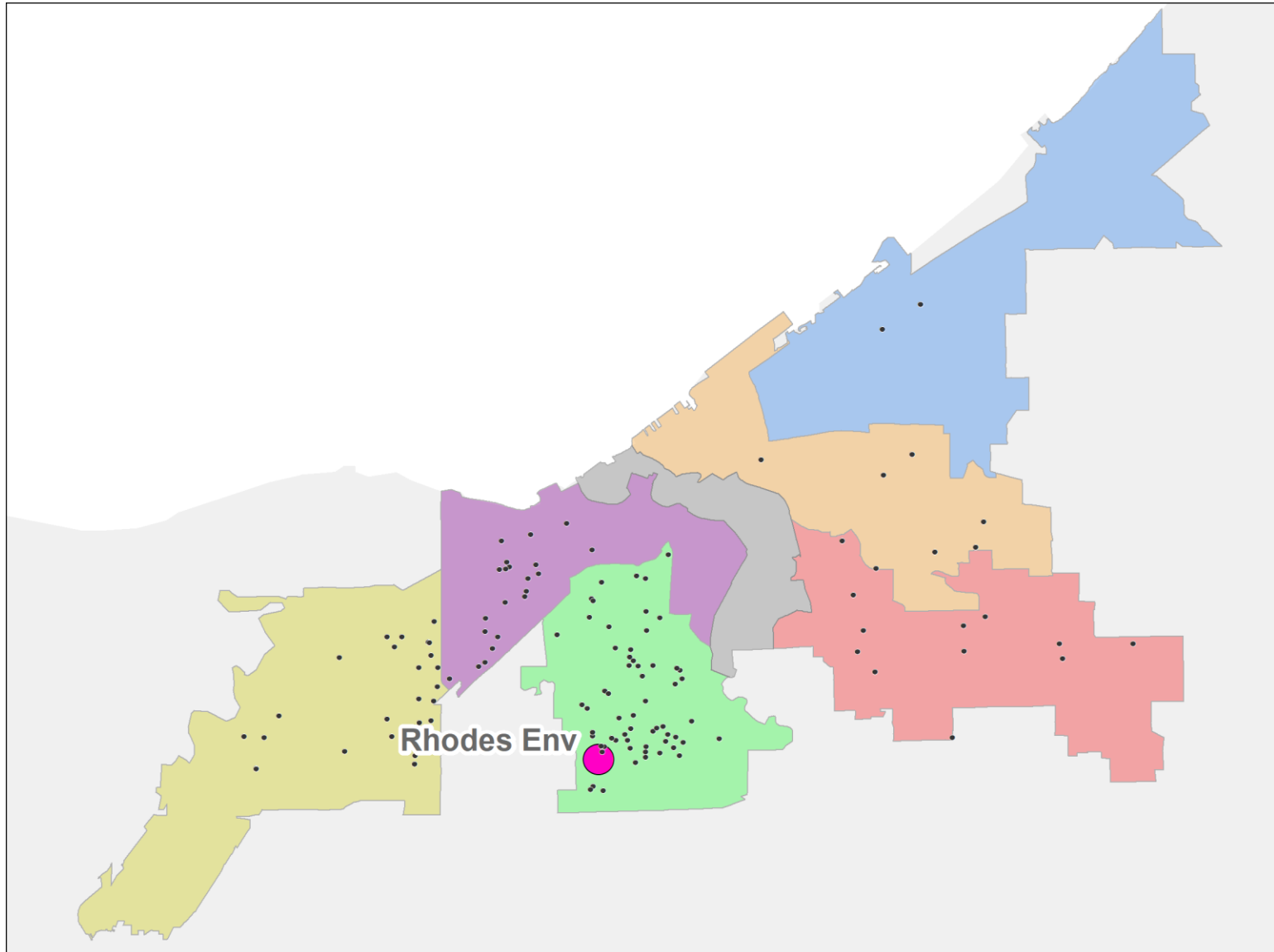
SOURCE: 2017-18 geo-coded enrollment data





# West Side High Schools: Where do students reside?

Sep. 28, 2019

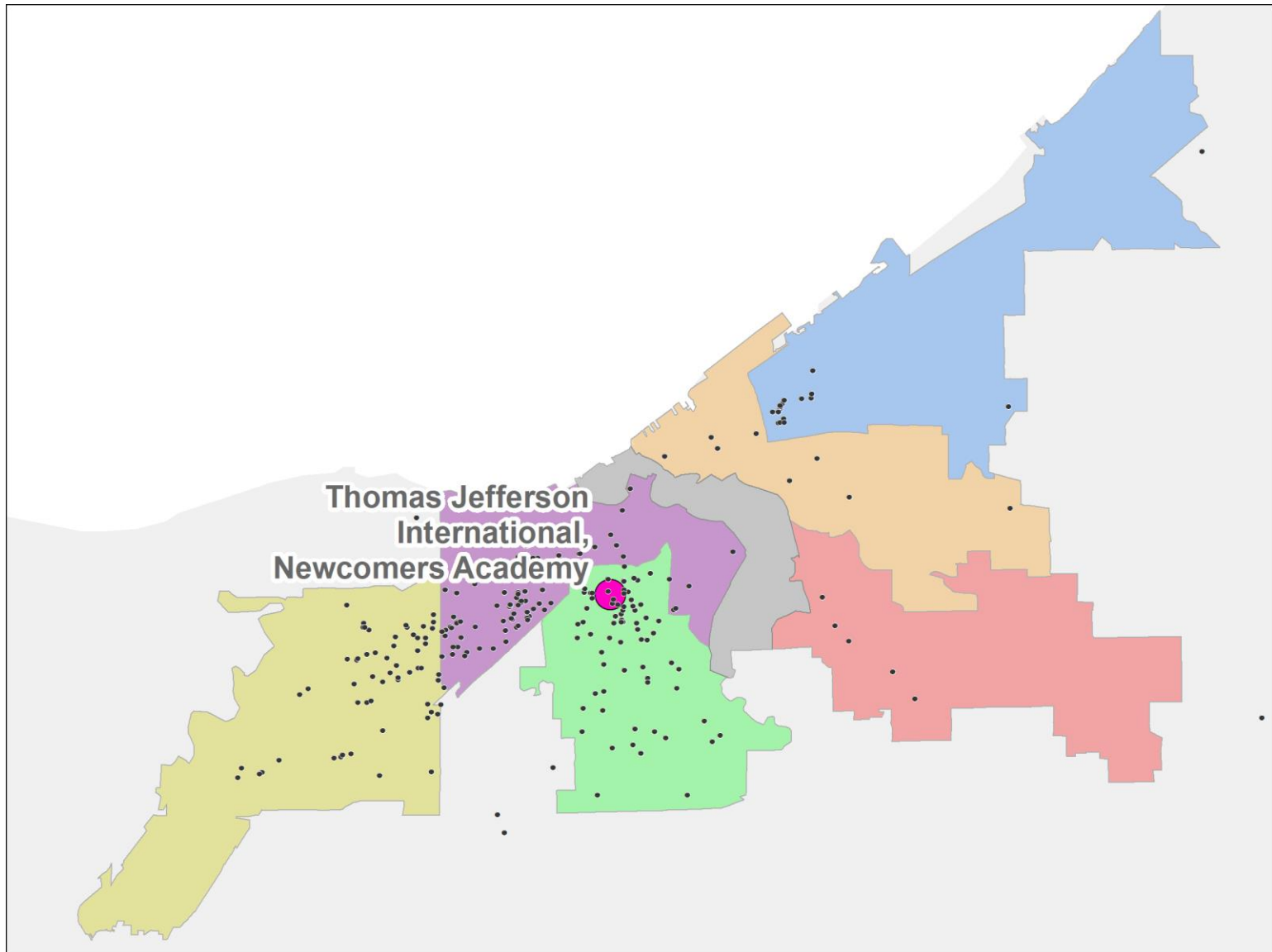


SOURCE: 2017-18 geo-coded enrollment data



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

Sep. 28, 2019



SOURCE: 2017-18 geo-coded enrollment data