



# CITYWIDE ANALYSIS

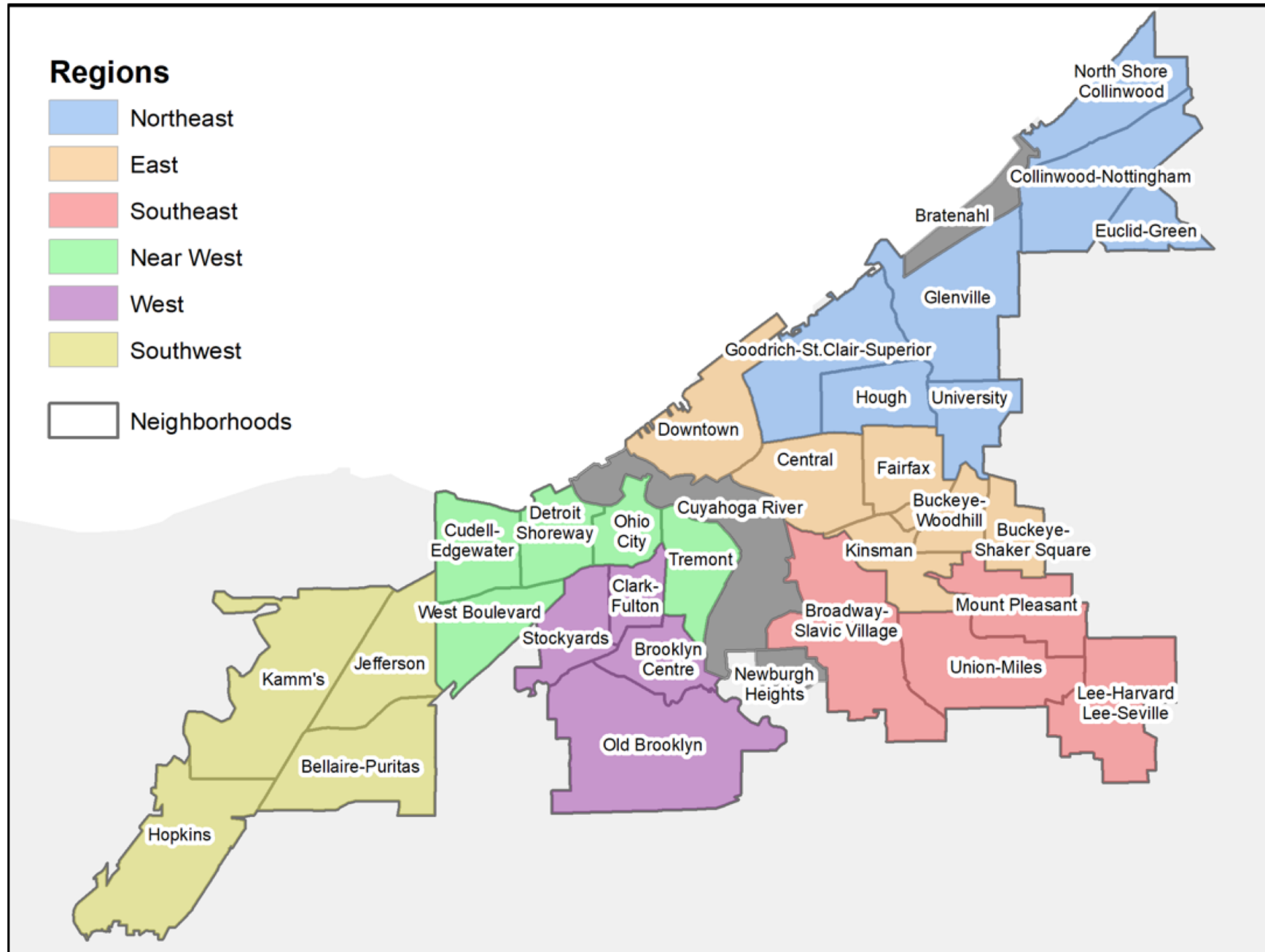
## K-8 Fact Base: East Region

Spring 2019

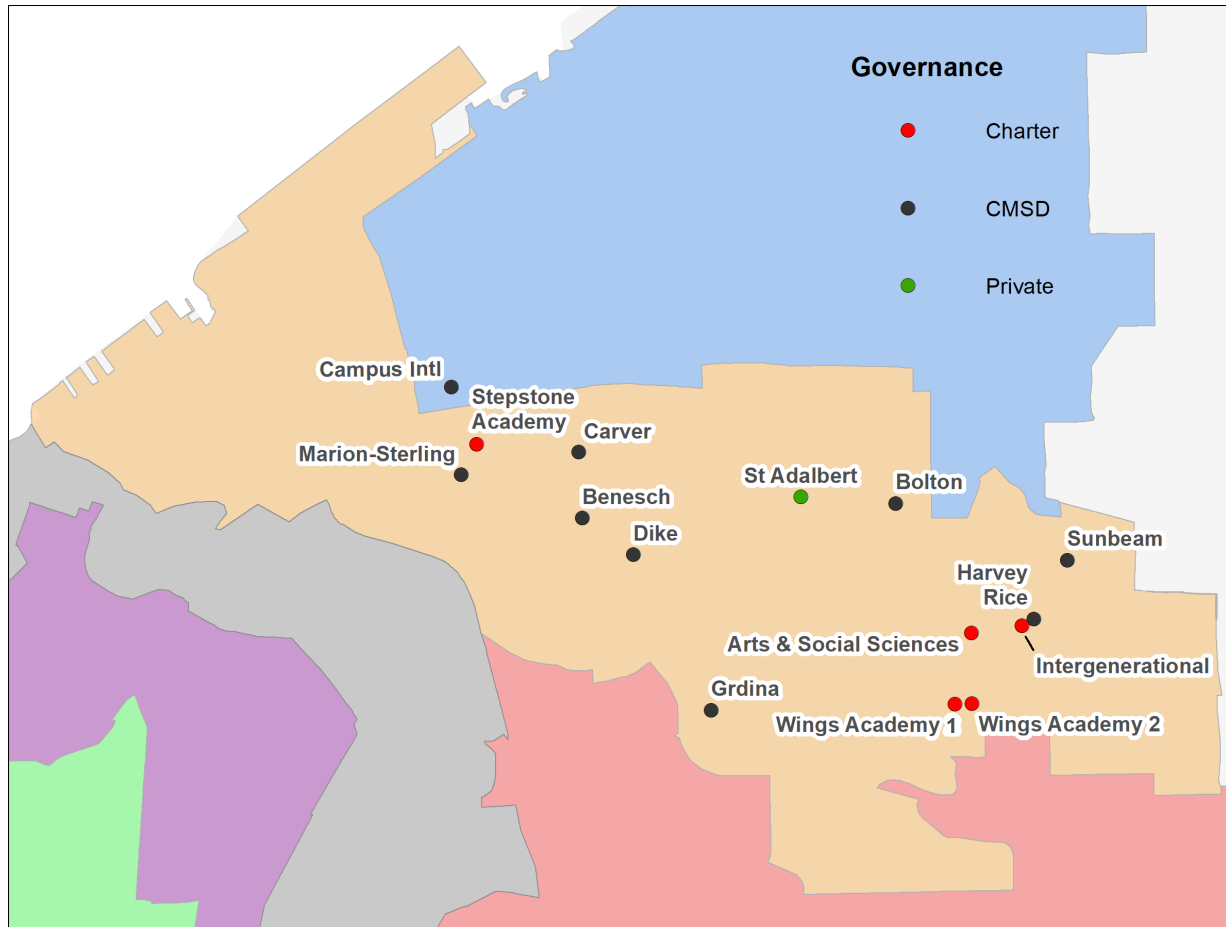


# East Region: Neighborhoods

March 19, 2019 Discussion Draft



# East Region: K-8 Schools



## District K-8 Schools in Region (9)

- Benesch
- Bolton
- Campus Intl
- Carver
- Dike
- Grdina
- Harvey Rice
- Marion-Sterling
- Sunbeam

## Charter Schools in Region (5)

- Arts & Social Sciences
- HBCU Prep (Wings)
- Intergenerational
- Stepstone Academy
- Wings Academy 2

## Private Schools in Region (1 only K-8)

- St Adalbert

# East Region: K-8 Metric Highlights

## Academic Quality



- There are no District or charter K-8 schools rated A or B in the region and 91% of regional enrollment is at schools rated D or F.
- This is the lowest academic performance of any region.

## Enrollment and Choice



- While overall enrollment declined from 2013 to 2017, District schools experienced a 7% enrollment increase due to large charter enrollment declines. Combined K-8 enrollment is forecast to decline 2.4% by 2022-23.
- 60% of regional students attend District schools over other options.

## Program Viability







- 33% of District K-8 schools are above the minimum enrollment target of 360 students, the second lowest of any region.
- Two of the nine schools in the region meet the desired enrollment size of 450 students.

## Building Use and Condition



- 79% of District K-8 seats are in use, leaving approximately 1,000 empty seats in District schools in the region and roughly 250 empty charter seats.
- 63% of students attending District K-8 schools are served in buildings that are newly built since 2002.

# East Region: Summary of District K-8 school performance against 4 key metrics

School	 Academic Quality	 Enrollment Trend	 Program Viability	 Building Use and Condition
Benesch	F+ (--)	Flat	304	55%
Bolton	F (--)	Flat	273	52%
Campus Intl	D+ (--)	Positive	718	80%
Carver	D+ (--)	Flat	309	57%
Dike	D- (--)	Positive	400	72%
Grdina	F+ (--)	Positive	348	54%
Harvey Rice	D- (↑)	Negative	459	80%
Marion-Sterling	D (--)	Flat	289	58%
Sunbeam	F+ (--)	Positive	354	>100% (new site)
<b>Metric</b>	<b>2018 ODE Report Card Score<sup>1</sup></b> (2018 Performance Trend <sup>2</sup> )	<b>2013-14 vs. 2017-18 K-8 Enrollment Change</b>	<b>2017-18 K-8 Enrollment<sup>3</sup></b>	<b>2017-18 District Adjusted Capacity Utilization<sup>4</sup></b>
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 406 to 450 = Yellow 361 to 405 = Orange ≤ 360 = 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 K-3 literacy

3 Data reported is 2017-18 ODE headcount enrollment data; A minimum enrollment threshold of 360 students was determined based off of the required enrollment to allow for the baseline desired teaching and learning experience of 2 classrooms of 20 students per grade level for grades K to 8

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

# East Region: Summary of Charter K-8 school performance against 4 key metrics

School	 Academic Quality	 Enrollment Trend	 Program Viability	 Building Use and Condition
Arts & Social Sciences	D- (↓)	Negative	258	51%
Intergenerational	C (→)	Flat	247	Data not reported
Stepstone Academy	D- (↑)	Positive	257	Data not reported
Wings Academy 1	C- (↑)	Positive	140	Data not reported
Wings Academy 2	N/A	Negative	72	Data not reported

Metric	2018 ODE Report Card Score <sup>1</sup> (2018 Performance Trend <sup>2</sup> )	2013-14 vs. 2017-18 K-8 Enrollment Change	2017-18 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		>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

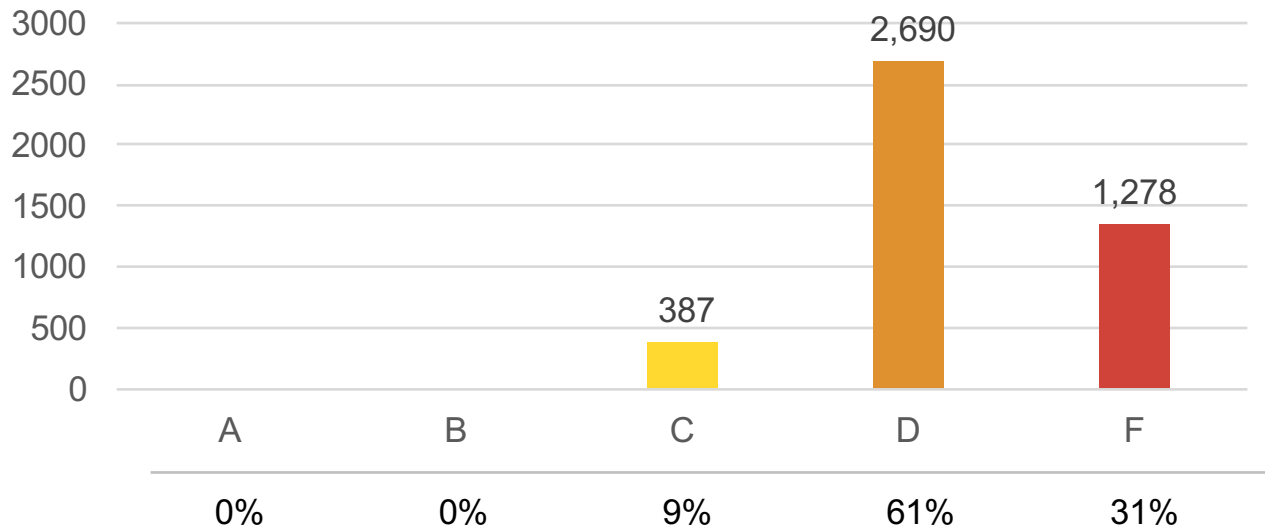
<sup>2</sup> Trend is based on the 3-year average of the standardized change of 2018 performance index and K-3 literacy

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

<sup>4</sup> Capacity figures provided by Case Western Reserve University where applicable; Campuses with "data not reported" did not provide capacity figures to CWRU

# **East Region: How many K-8 students are enrolled in quality schools?**

## 2017-18 K-8 Enrollment for East Region Schools by 2018 ODE Report Card Grades



- 9% of enrollment is at a C-rated school and there are no A or B-rated schools in the region.
- 91% of K-8 enrollment is at either a D or F-rated school, the highest rates of any region in the city.

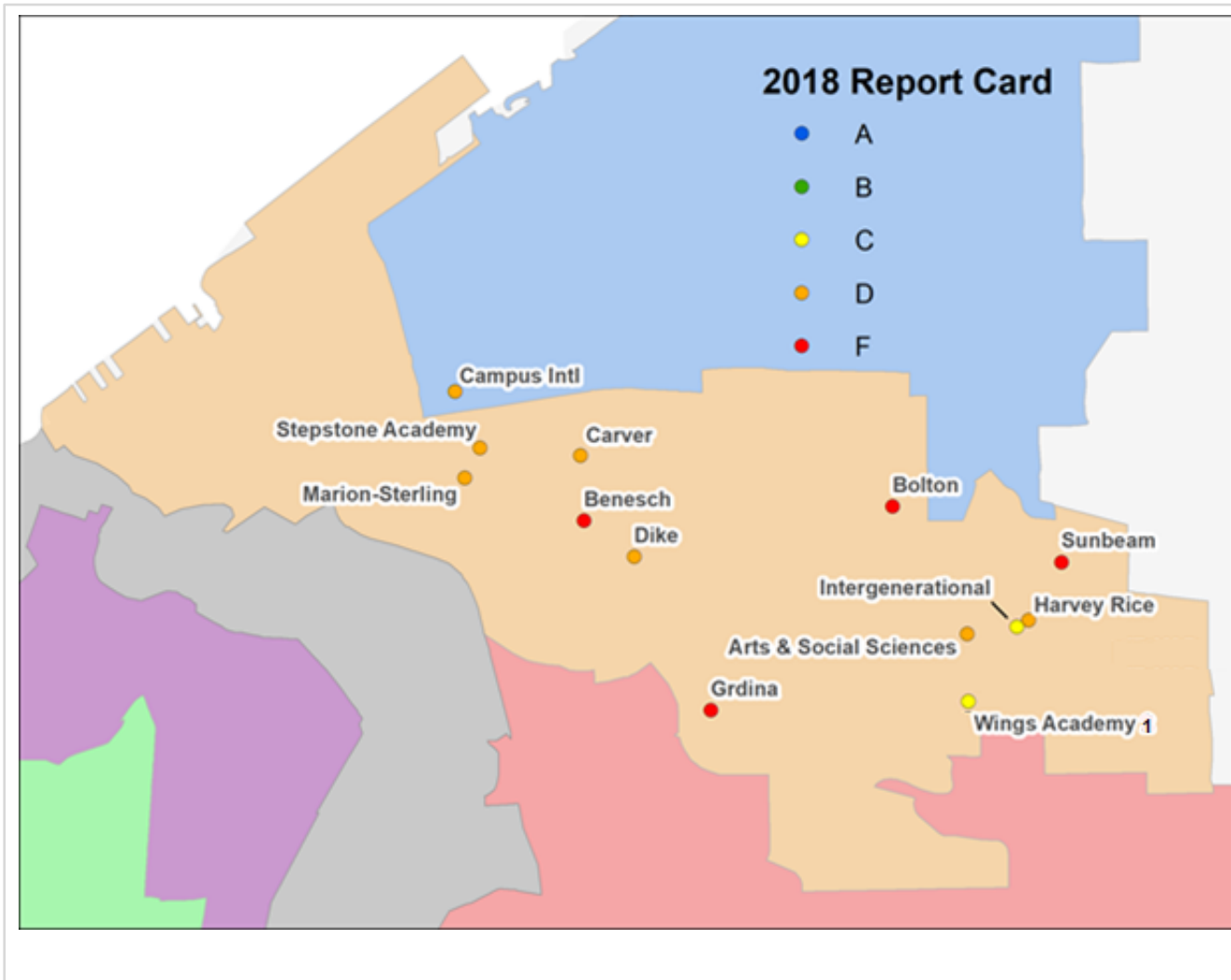
District K-8			Charter K-8		
District K-8	Grade <sup>1</sup>	Trend <sup>2</sup>	Charter K-8	Grade <sup>1</sup>	Trend <sup>2</sup>
Campus Intl	D+	(--)	Wings Academy 1	C-	(↑)
Carver	D+	(--)	Intergenerational	C	(--)
Dike	D-	(--)	Arts & Social Sciences	D-	(↓)
Harvey Rice	D-	(↑)	Stepstone Academy	D-	(↑)
Marion-Sterling	D	(--)	Wings Academy 2	N/A	
Benesch	F+	(--)			
Bolton	F	(--)			
Grdina	F+	(--)			
Sunbeam	F+	(--)			

<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 average of the standardized change of 2018 performance index and K-3 literacy; <-0.5 = declining, >0.5 = improving

## East Region: Where are quality schools located?

2017-18 District and Charter K-8 School Locations by 2018 ODE Report Card Grades



- The East Region has the lowest access to high quality seats of any region.
- Central, Fairfax and Kinsman do not have any A, B or C-rated schools located in those respective neighborhoods.

## East Region: What do enrollment forecasts suggest about changes in K-8 enrollment?

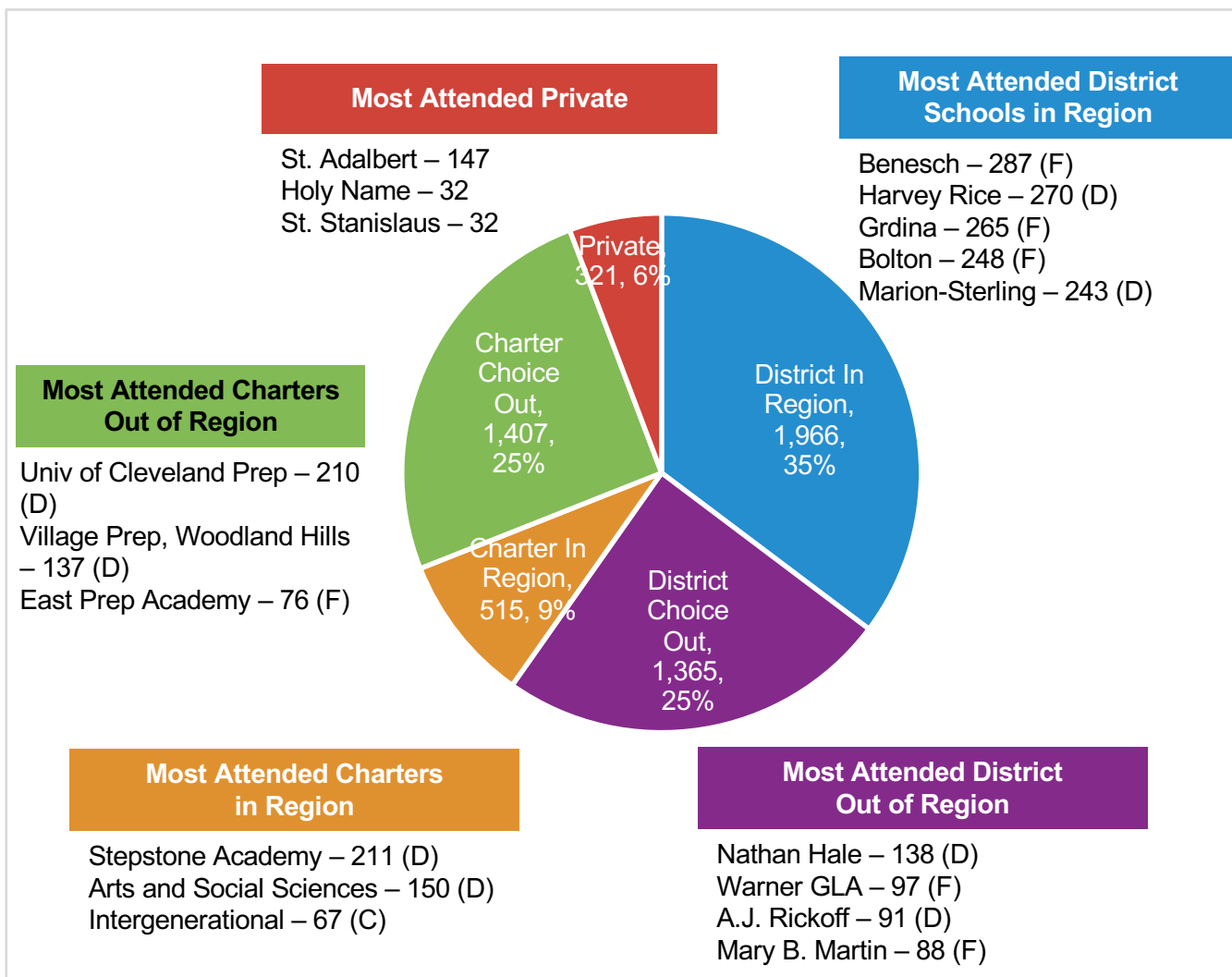
Historical and Forecast Enrollment of K-8 Students Residing in the East Region Attending a School Anywhere in the City



- While overall enrollment declined from 2013 to 2017, District schools experienced a 7% enrollment increase due to large charter enrollment declines.
- Combined K-8 enrollment is forecast to decline 120 students, or 2.4%, by 2022-23 with the decline split between Charter and District programs.

# East Region: How are K-8 students choosing among their available school options?

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

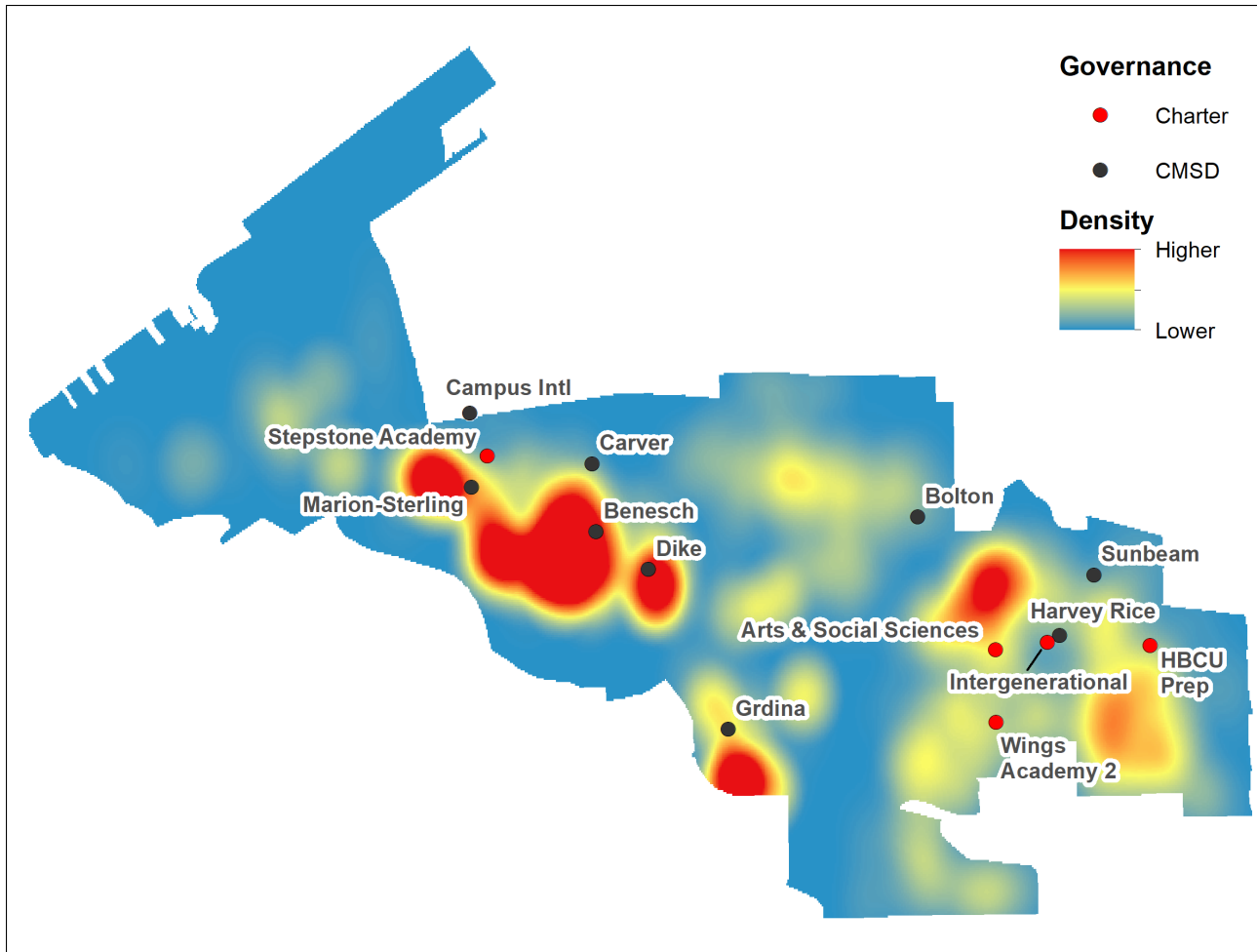


- 60% of K-8 students residing in the East region attend District schools over other options.
- 50% of K-8 students residing in the East region attend a charter or District school outside of the region. This is the highest rate of any region.



## East Region: Where do students reside in the region?

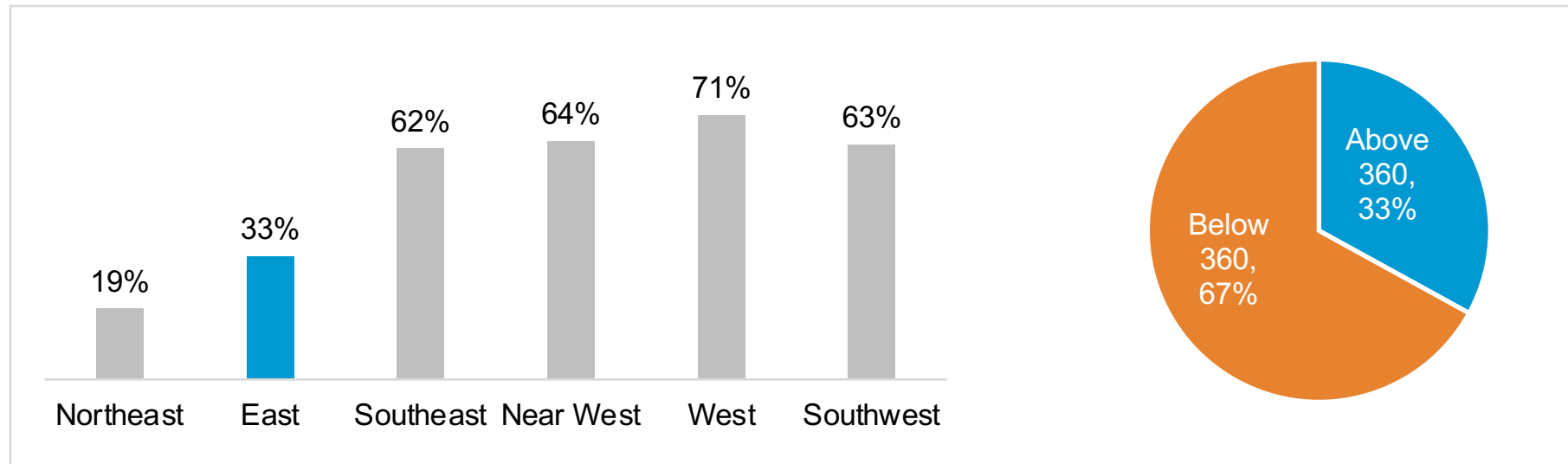
Heat Map of School-Aged Student Population with District and Charter K-8 School Locations



- There are four significant areas of population density in the region.
- The Central Neighborhood represents one of the most dense school-aged student populations, but is home to three under-enrolled schools.

## East Region: What percentage of District K-8 schools meet minimum enrollment targets?

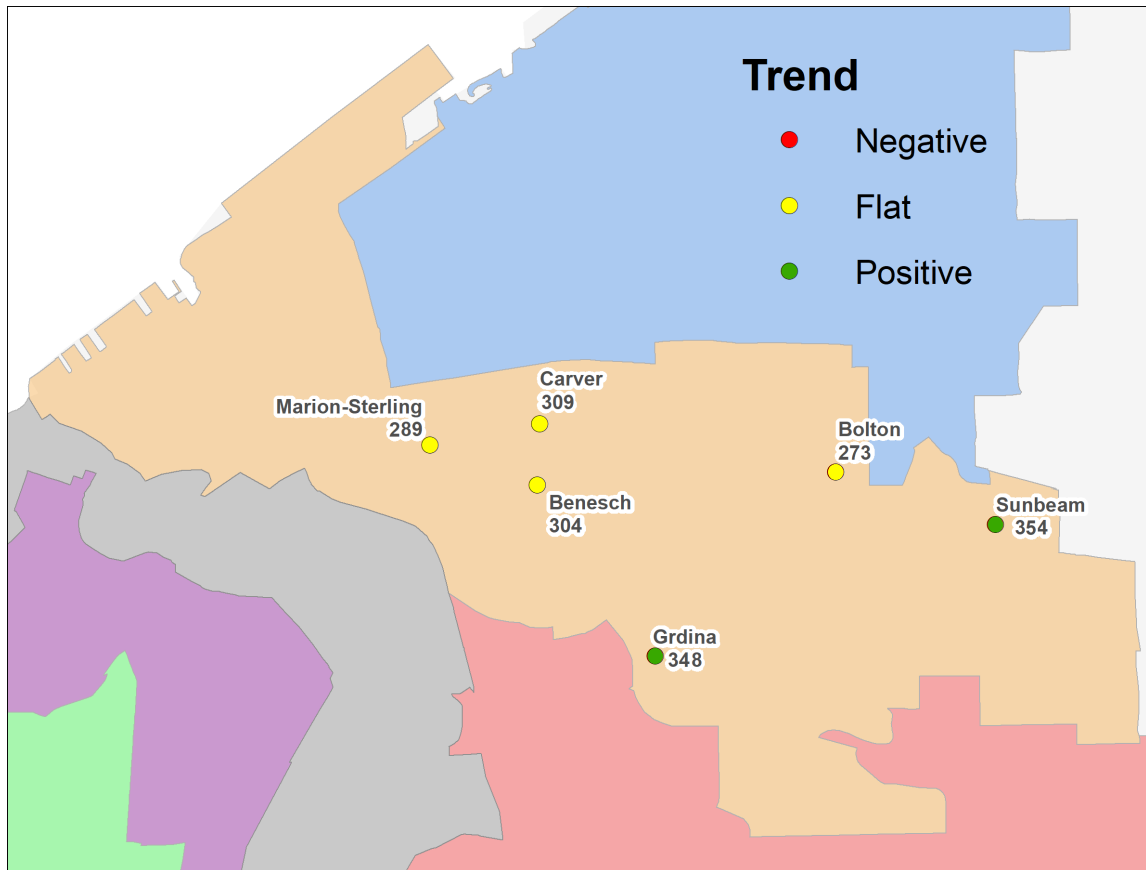
District K-8 Schools in East Region with 2017-18 K-8 Enrollment Above 360 Students



- District K-8 schools with at least 360 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 about 20 students per class with two classes for each grade level from kindergarten to 8th grade.
- Ideally, District K-8 schools would enroll closer to 450 students, or about 25 students per class with two classes for each grade level, allowing for funding necessary for a more vibrant and viable school program.
- 33% of District K-8 schools are above the minimum enrollment target of 360 students, the second lowest of any region.

## East Region: Which District K-8 schools are below minimum viable enrollment?

### 2017-18 K-8 Enrollment Trend for Schools With Fewer Than 360 Students by 2017-18 School Locations



School	2017-18 K-8 Enrollment	Enrollment Trend
Benesch	304	Flat
Bolton	273	Flat
Campus Intl	718	Positive
Carver	309	Flat
Dike	400	Positive
Grdina	348	Positive
Harvey Rice	459	Negative
Marion-Sterling	289	Flat
Sunbeam	354	Positive

>360 = Green  
 340-360 = Yellow  
 <340 = Red

- Only two of the nine schools in the region, Campus International and Harvey Rice, meet the desired enrollment target of 450 students, with Dike above the minimum target of 360 students.
- Charter closures in the area in recent years have allowed most District schools in the region to maintain or increase enrollment, with only one District K-8 school experiencing a negative enrollment trend.

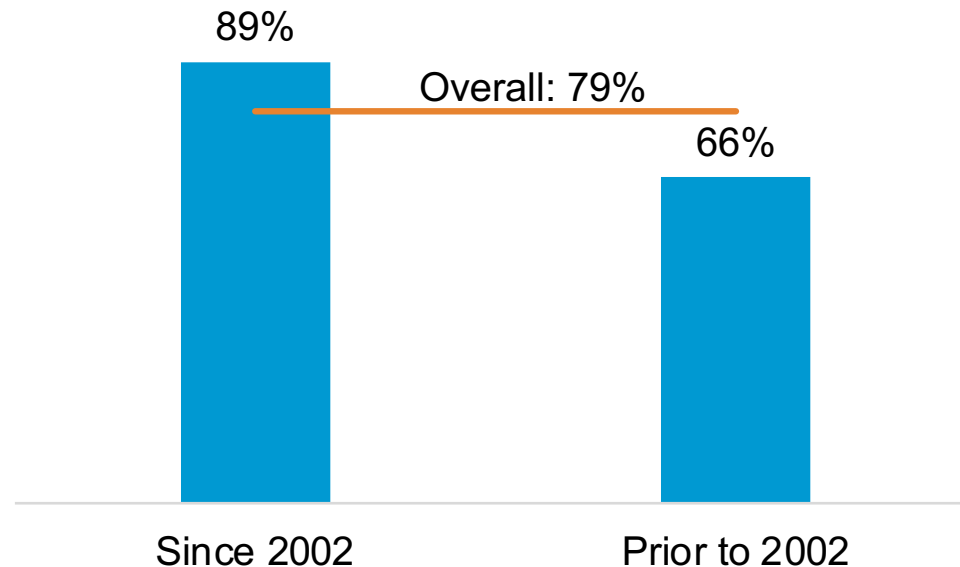
SOURCE: 2017-18 ODE headcount enrollment data; 2017-18 geo-coded enrollment data

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 Region: What percentage of District K-8 seats are utilized based on their facility age?

2017-18 District K-8 Building Utilization by Building Age

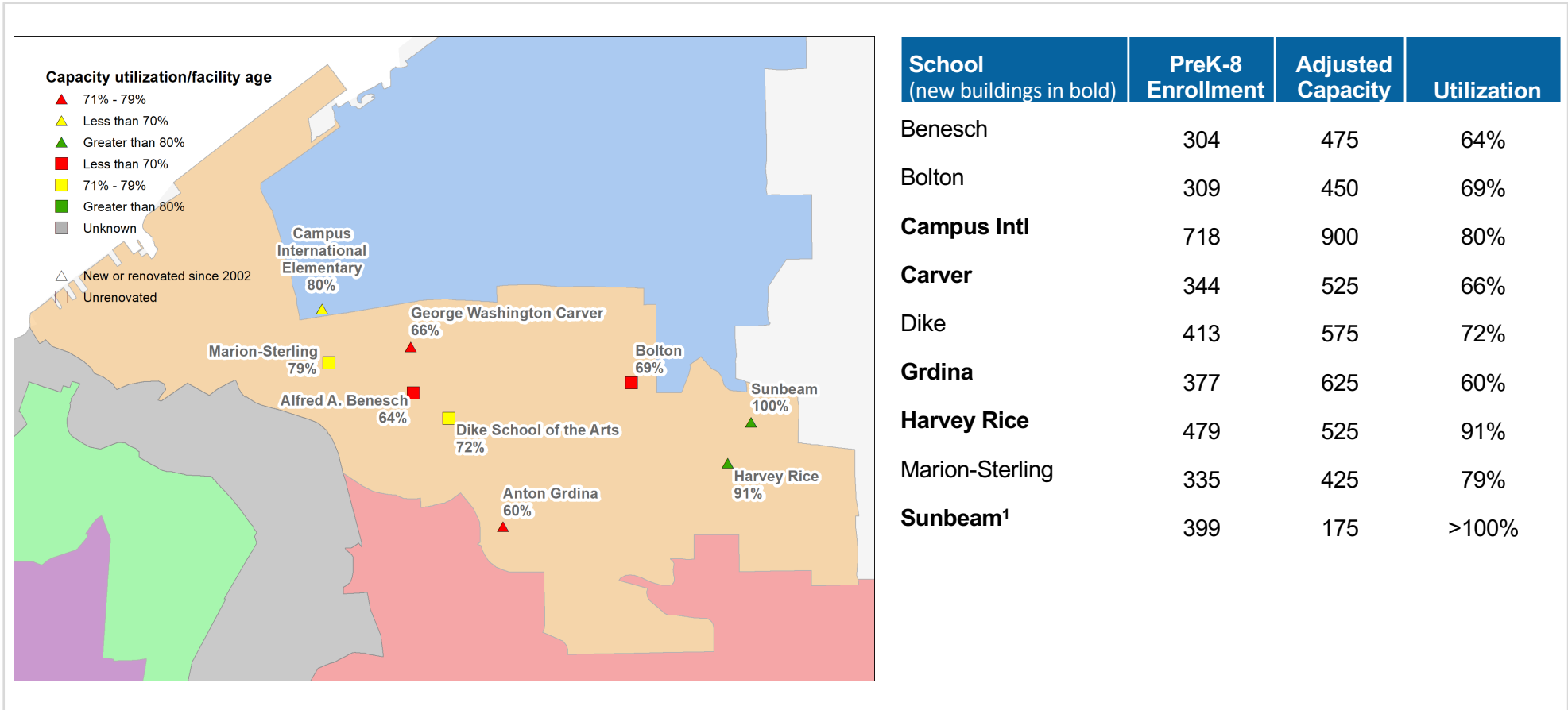


- 79% of all District K-8 seats in the region are utilized. 89% of seats in newer buildings are utilized, while 66% of seats in buildings constructed prior to 2002 are utilized.
- 63% of students attending District K-8 schools are served in buildings that are newly built since 2002. Four of the nine District K-8 buildings in this region pre-date 2002.
- New/renovated buildings have capacity to serve most, but not all students forecast to attend District schools in the future.



## East Region: What percentage of District K-8 seats are utilized?

### 2017-18 District K-8 Building Age, Capacity and Utilization by 2017-18 School Locations



- There are 36 special education classrooms and nine PreK classrooms in the region, which adjust capacity by 1,125 seats. With this adjustment, there are roughly 1,000 open seats in District K-8 buildings.
- Charters in the region report roughly 250 empty seats in their buildings.

<sup>1</sup> Reflects capacity for new campus opening in 2019

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

## East Region: 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
Benesch			Investment School	K-8 Redesign
Bolton		✓	Investment School	
Campus Intl	✓			
Carver	✓		Investment School	
Dike				
Grdina	✓		Investment School	K-8 Redesign
Harvey Rice	✓			
Marion-Sterling		✓	Investment School	
Sunbeam	✓			K-8 Redesign

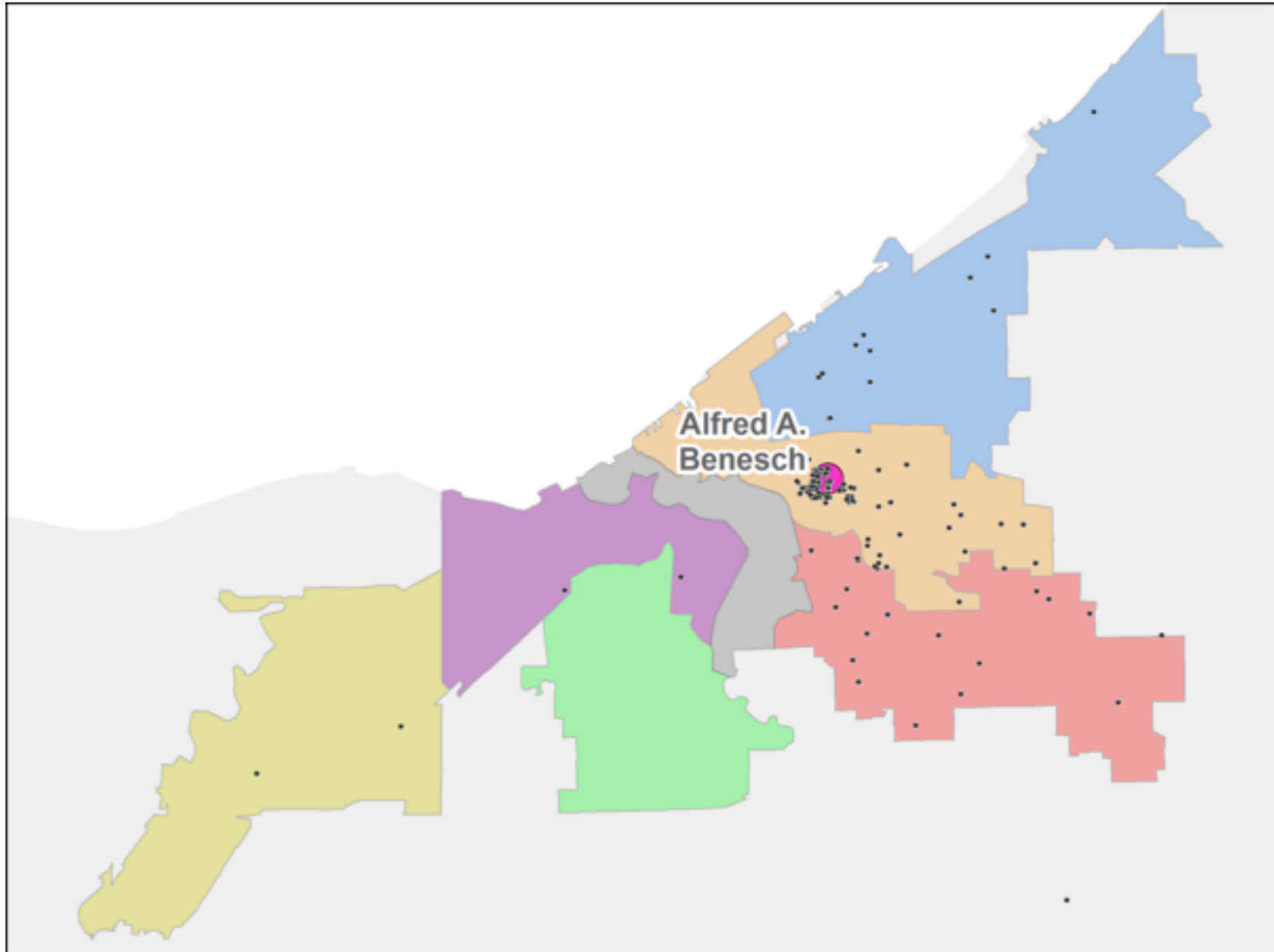
# Appendix

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## East Region: Where do students reside?

**Benesch: 71% of students reside within a mile**



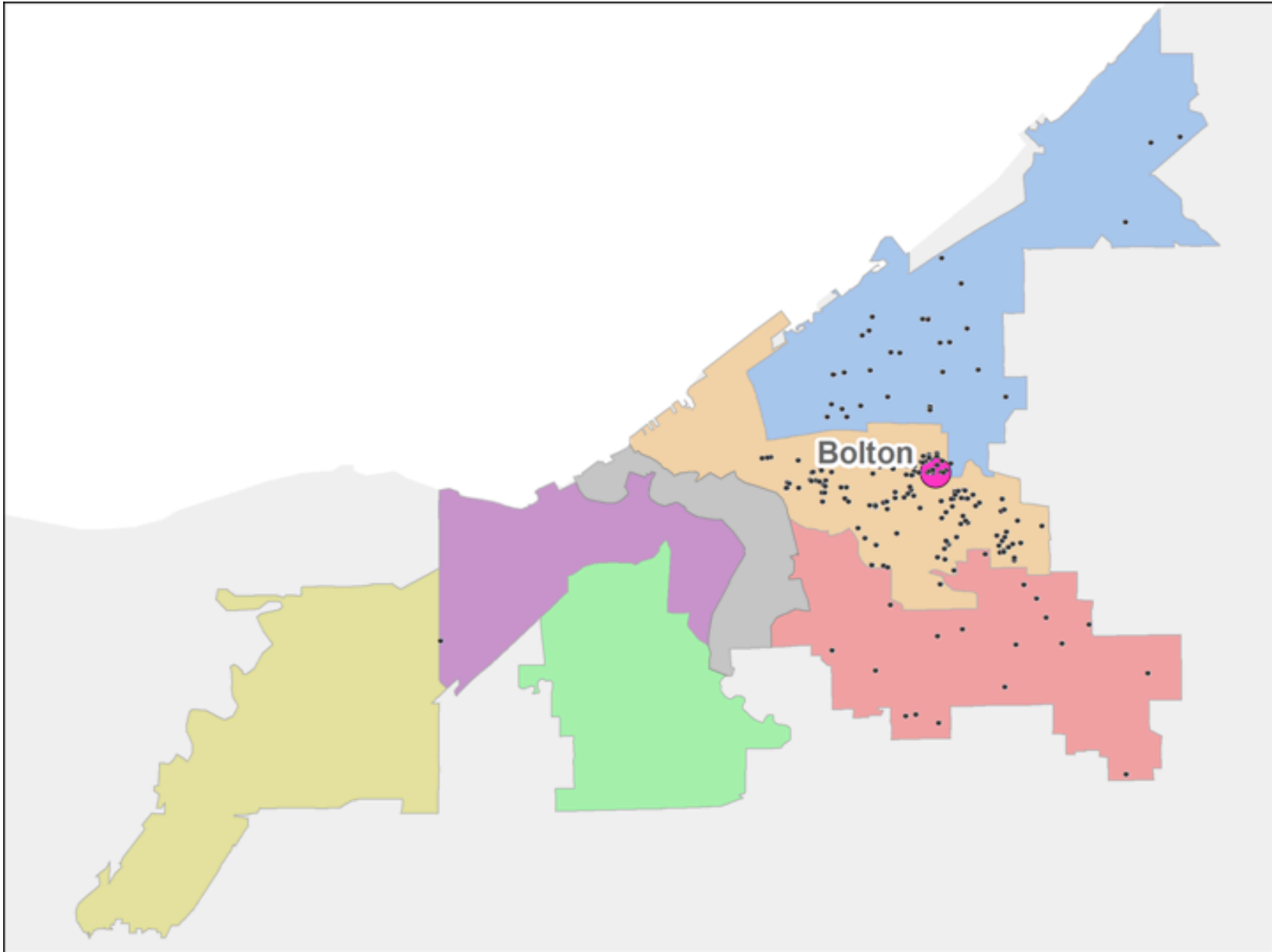
SOURCE: 2017-18 geo-coded enrollment data



## East Region: Where do students reside?

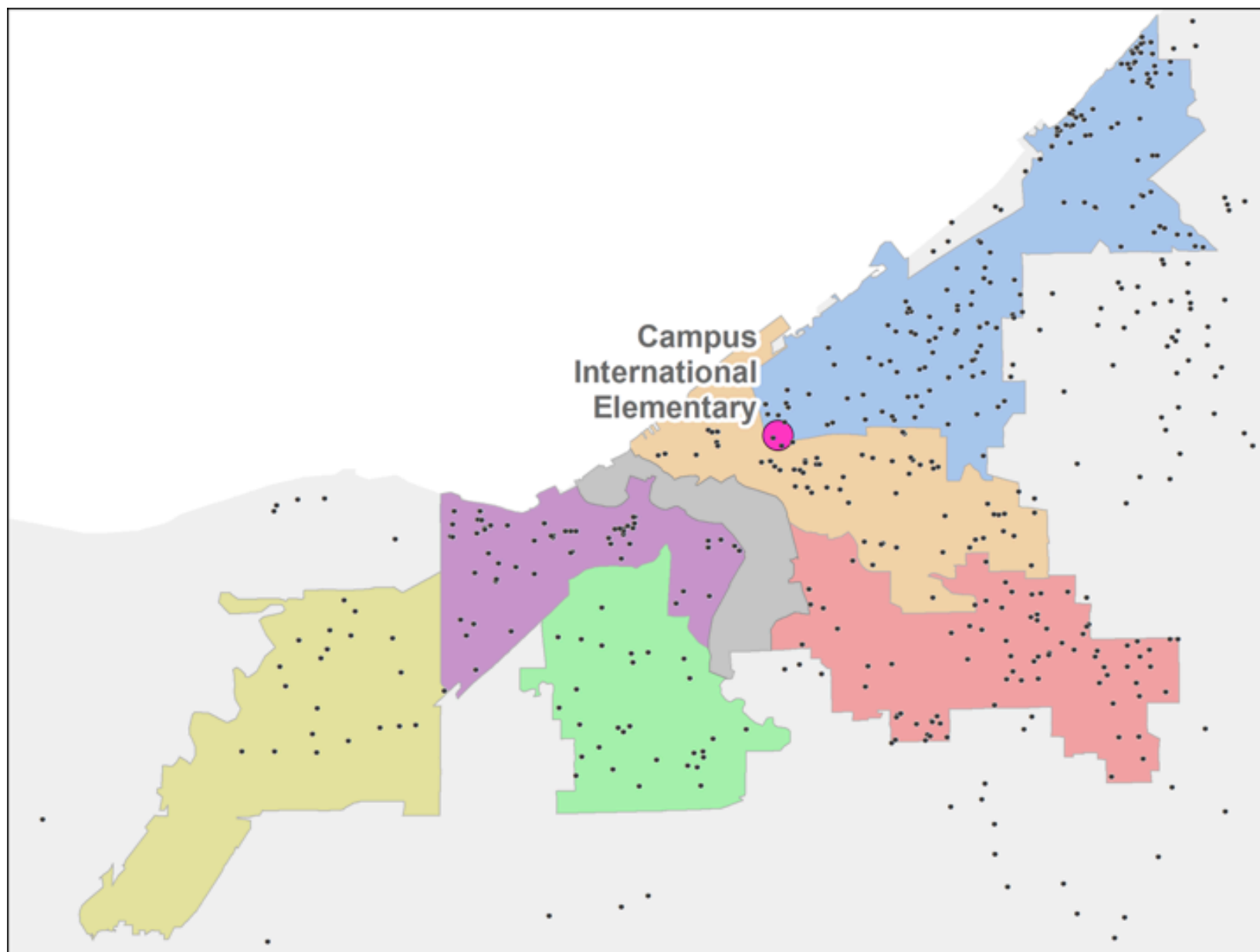
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**Bolton: 37% of students reside within a mile**



SOURCE: 2017-18 geo-coded enrollment data

# **East Region: Where do students reside?** **Campus Intl K-8: 5% of students reside within a mile**

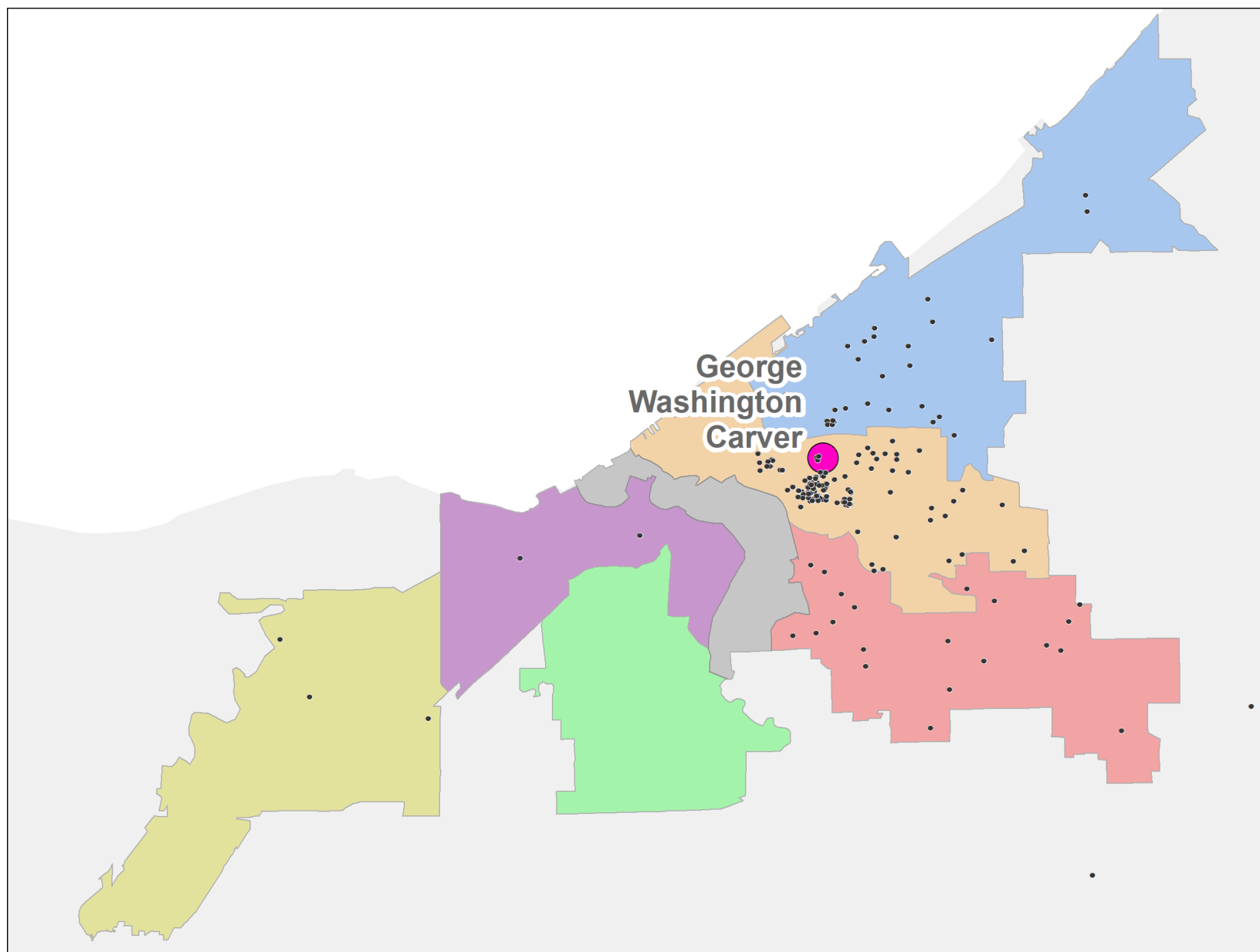


SOURCE: 2017-18 geo-coded enrollment data



## East Region: Where do students reside?

**Carver: 63% of students reside within a mile**

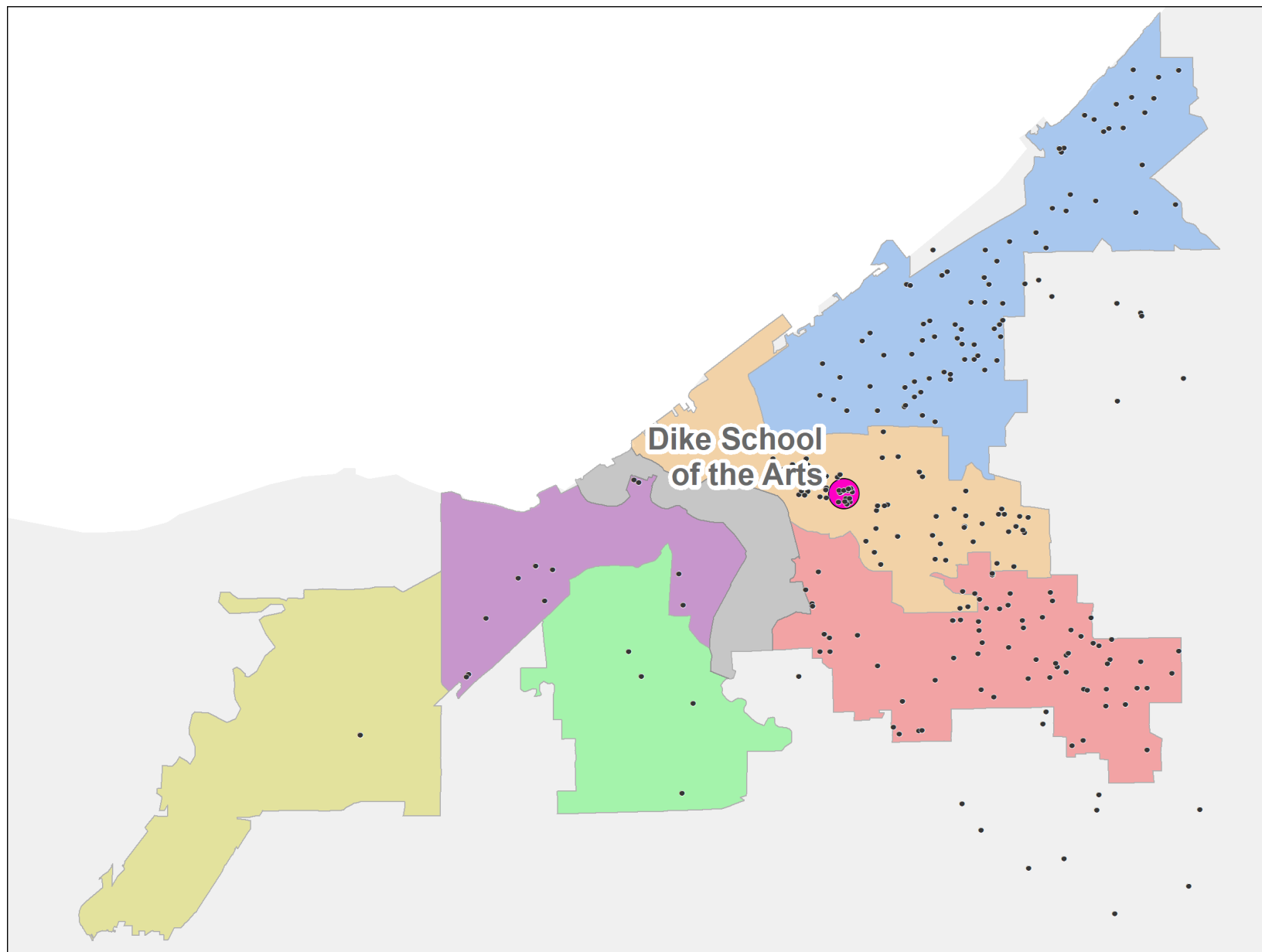


SOURCE: 2017-18 geo-coded enrollment data



## East Region: Where do students reside?

**Dike: 16% of students reside within a mile**

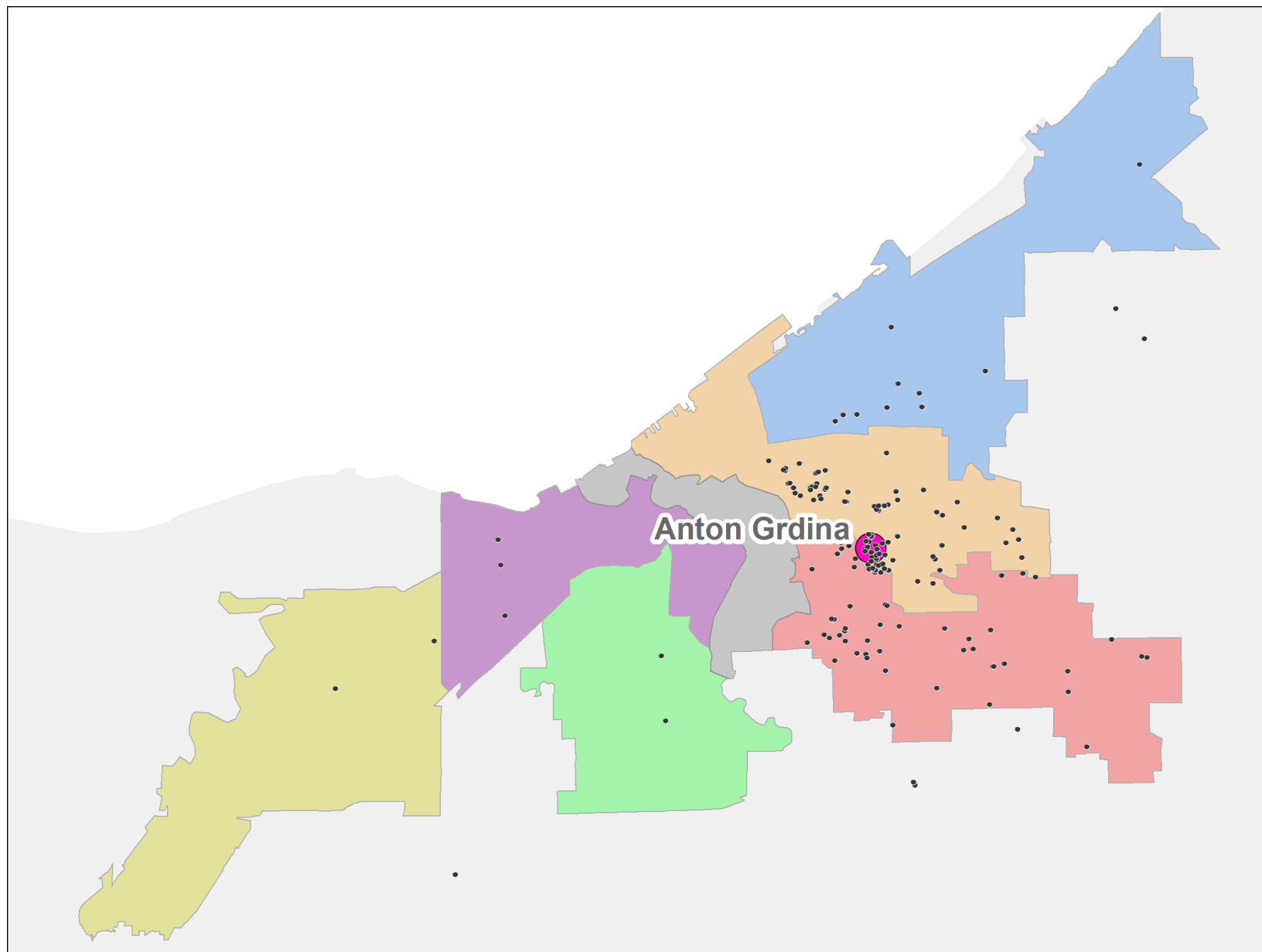


SOURCE: 2017-18 geo-coded enrollment data



## East Region: Where do students reside?

**Grdina: 59% of students reside within a mile**

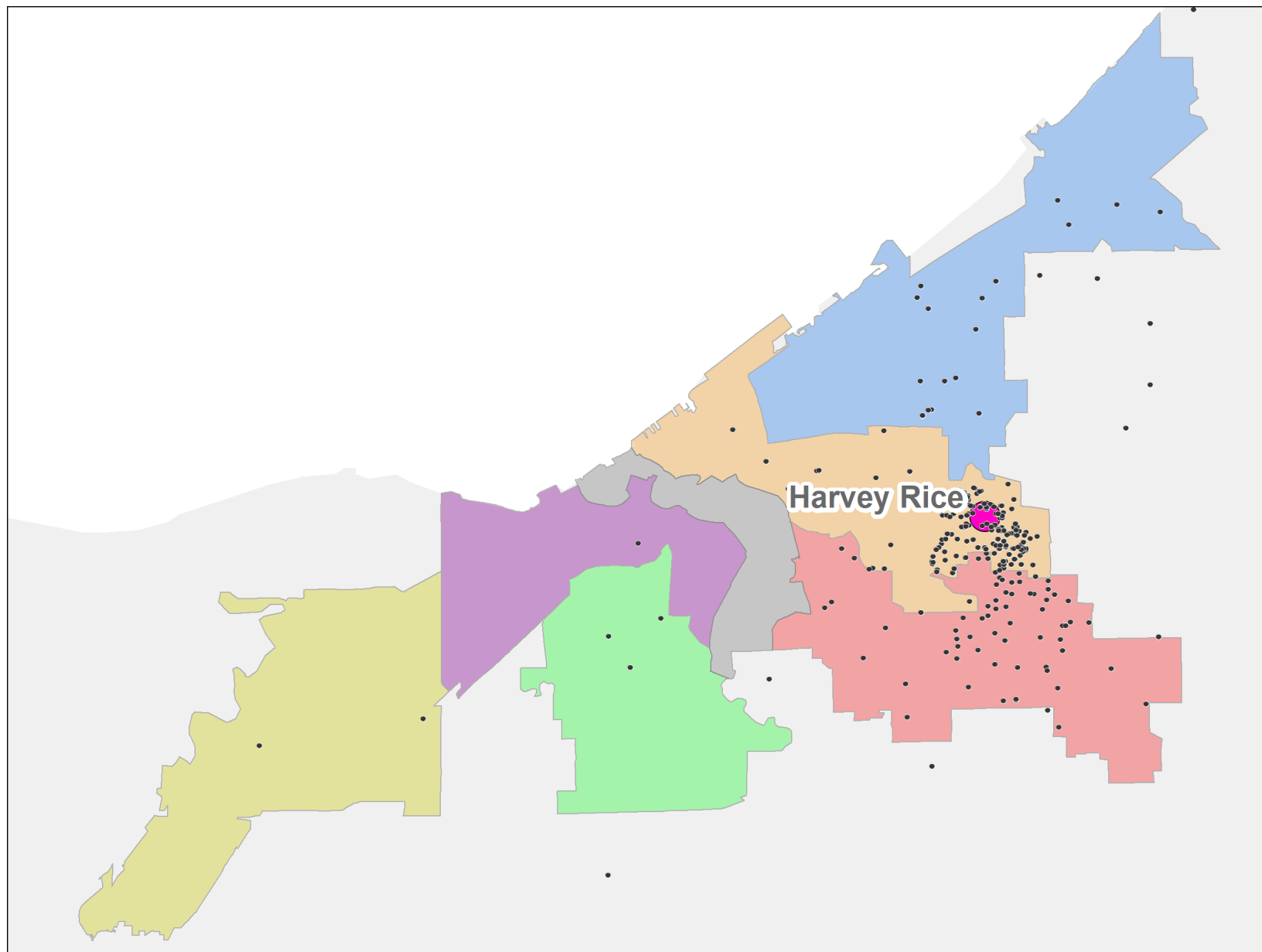


SOURCE: 2017-18 geo-coded enrollment data



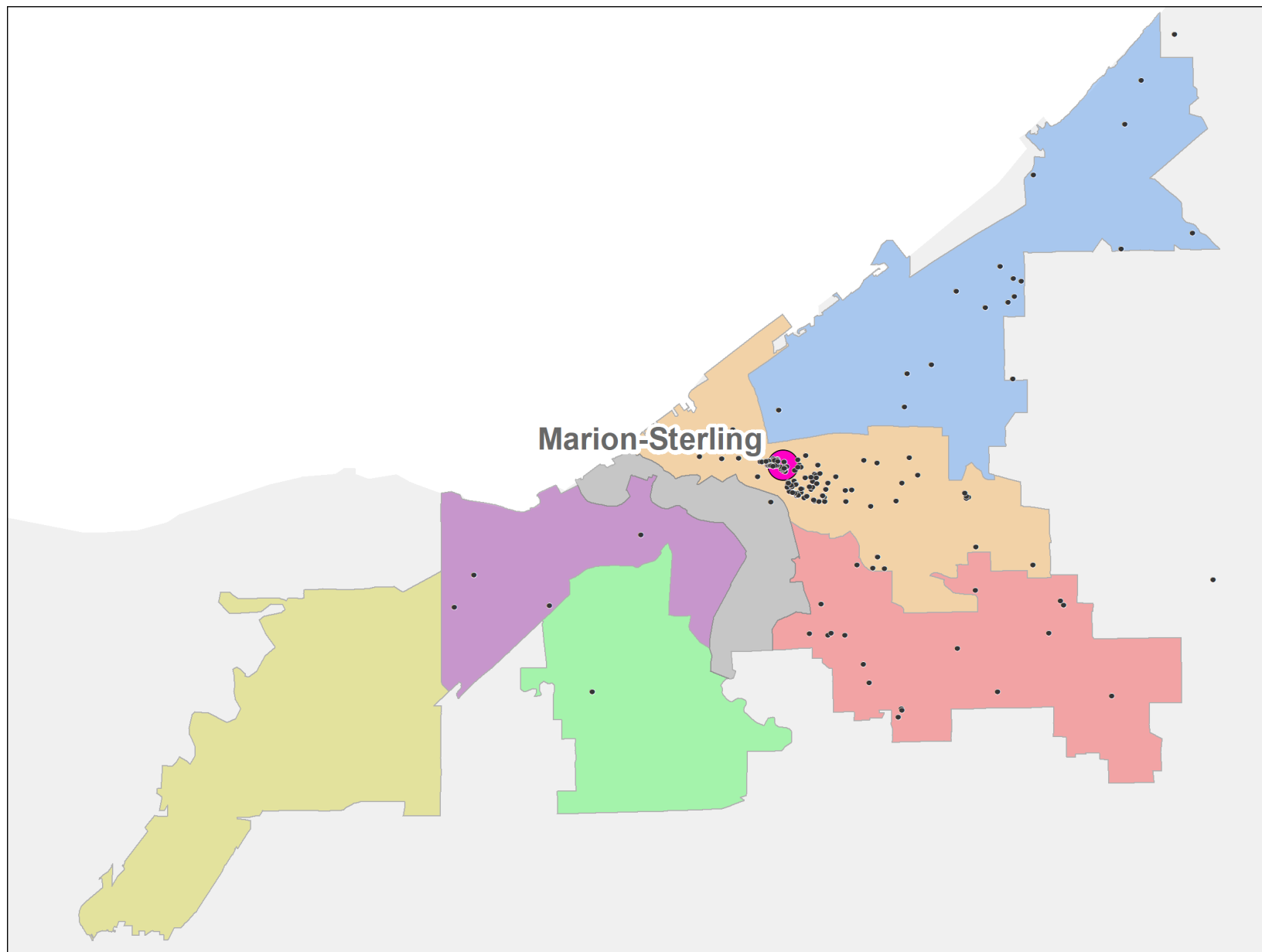
## East Region: Where do students reside?

**Harvey Rice: 53% of students reside within a mile**



SOURCE: 2017-18 geo-coded enrollment data

# **East Region: Where do students reside?** **Marion-Sterling: 74% of students reside within a mile**



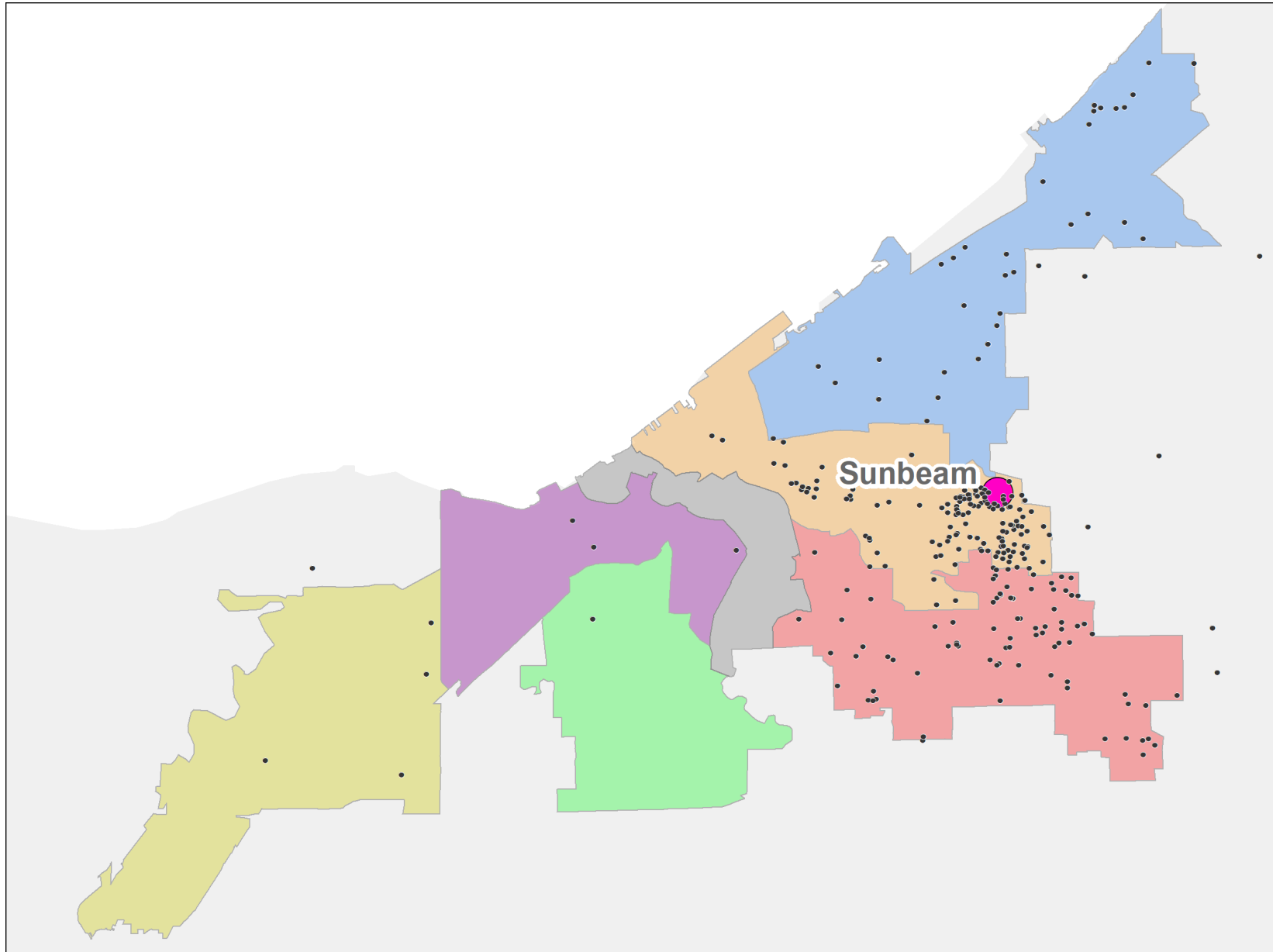
SOURCE: 2017-18 geo-coded enrollment data



## East Region: Where do students reside?

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**Sunbeam: 35% of students reside within a mile**



SOURCE: 2017-18 geo-coded enrollment data