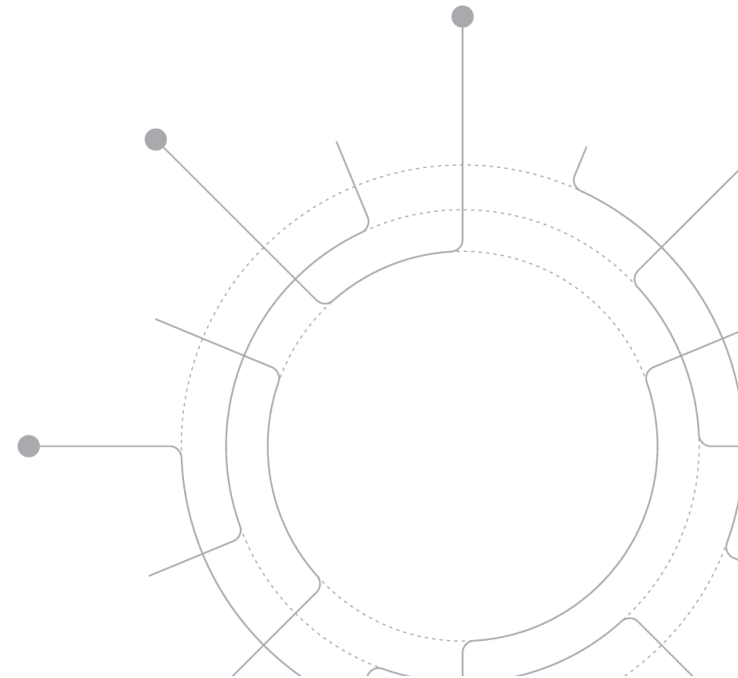




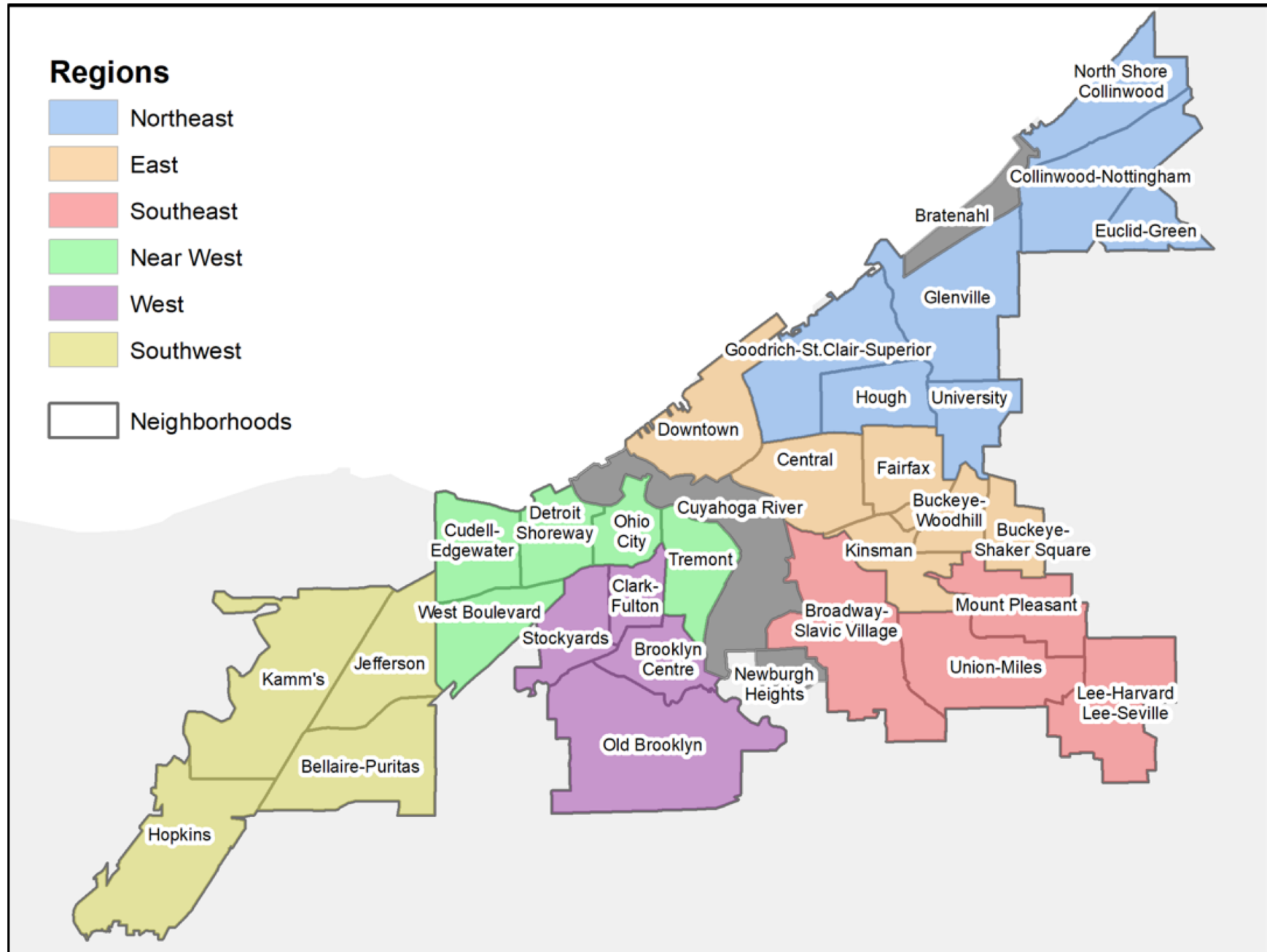
CITYWIDE ANALYSIS

K-8 Fact Base: West Region

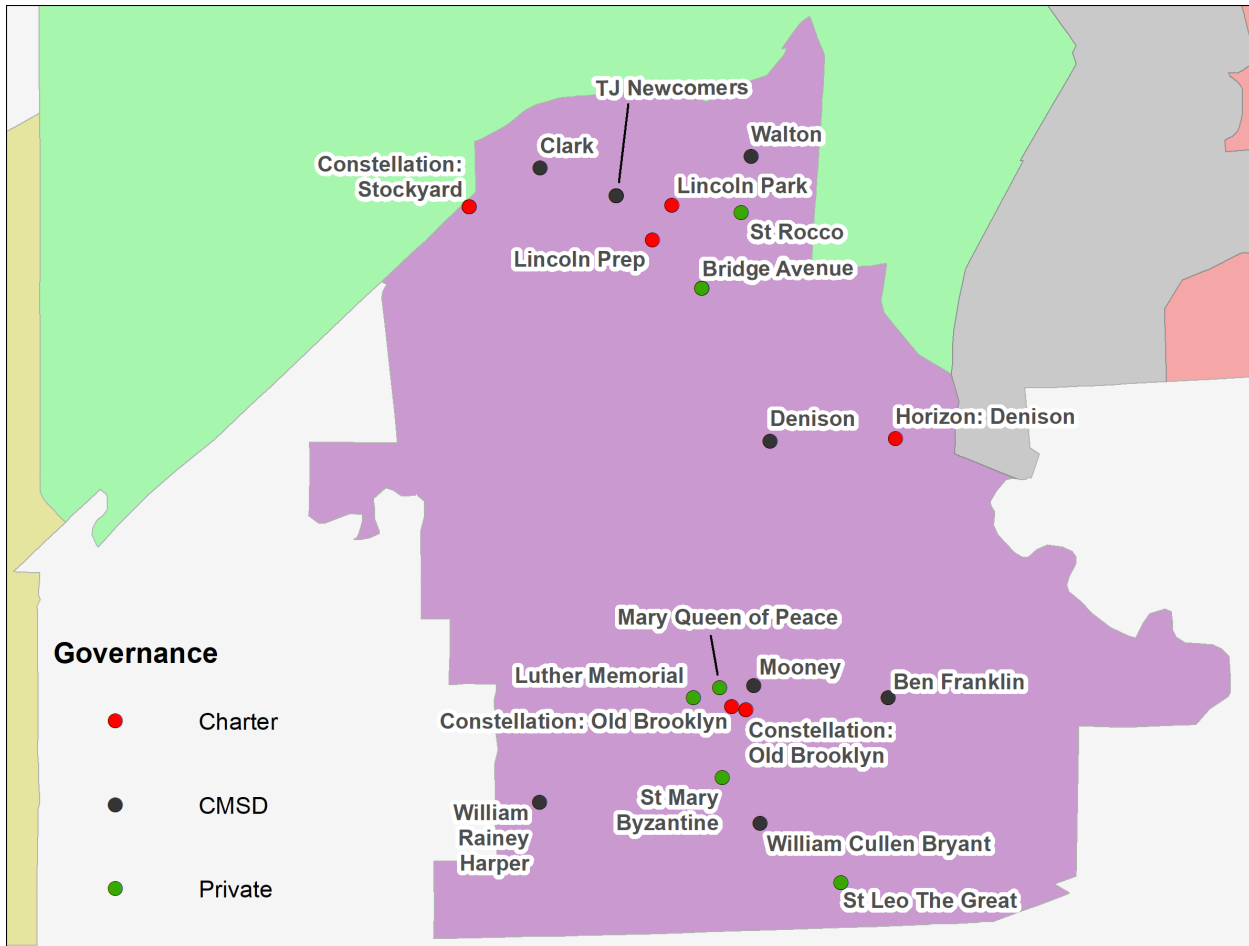
Spring 2019



West Region: Neighborhoods



West Region: K-8 Schools



District K-8 Schools in Region (8)

- Ben Franklin
- Clark
- Denison
- Mooney
- TJ Newcomers
- Walton
- William Cullen Bryant
- William Rainey Harper (opened 2018)

Charter Schools in Region (7)

- Constellation: Stockyard ES
- Constellation: Stockyard MS
- Constellation: Old Brooklyn ES
- Constellation: Old Brooklyn MS
- Horizon: Denison
- Lincoln Park Academy
- Lincoln Prep

Private Schools in Region (6)

- Bridge Avenue
- Luther Memorial
- Mary Queen of Peace
- St Leo the Great
- St Mary Byzantine
- St Rocco

West Region: K-8 Metric Highlights

Academic Quality



- 34% of enrollment in the West region is at schools rated A, B or C, while 66% of enrollment is at schools rated D or F.

Enrollment and Choice



- The West region gained 130 students from 2013 to 2017 and is forecast for flat enrollment through 2022-23.
- 56% of students in the West region attend a District school.

Program Viability







- 71% of District K-8 schools are above the minimum viability target of 360 students, the highest rate of any region.
- Three of the seven regional schools meet the desired target of 450 students.

Building Use and Condition



- 64% of District K-8 seats are in use, leaving roughly 1,700 empty District seats in the region and roughly 500 empty charter seats.
- 28% of students attending District K-8 schools are served in buildings newly built since 2002, the lowest rate of any region.

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

School	 Academic Quality	 Enrollment Trend	 Program Viability	 Building Use and Condition
Ben Franklin	D+ (--)	Positive	566	109%
Clark	C (↑)	Flat	561	101%
Denison	B- (↑)	Negative	304	42%
Mooney	D+ (↑)	Flat	429	54%
TJ Newcomers	D- (--)	Positive	430	103%
Walton	F+ (--)	Negative	267	36%
William Cullen Bryant	D- (↑)	Positive	392	69%
William Rainey Harper	New	New	New	New

Metric	2018 ODE Report Card Score ¹ (2018 Performance Trend ²)	2013-14 vs. 2017-18 K-8 Enrollment Change	2017-18 K-8 Enrollment ³	2017-18 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 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

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

School	 Academic Performance	 Enrollment Trend	 School Program Viability	 Facility Utilization
Constellation: Stockyard ES	D (↑)	Negative	275	82%
Constellation: Stockyard MS	B- (↑)	Flat	68	71%
Constellation: Old Brooklyn ES	D (→)	Flat	338	94%
Constellation: Old Brooklyn MS	C- (→)	Positive	269	93%
Horizon: Denison	C- (↑)	Negative	272	Data not reported
Lincoln Park Academy	C- (↑)	Flat	196	33%
Lincoln Prep ⁵	F+ (↑)	Positive	207	Data not reported

Metric	2018 ODE Report Card Score ¹ (2018 Performance Trend ²)	2013-14 vs. 2017-18 K-8 Enrollment Change	2017-18 Enrollment ³	2017-18 Capacity Utilization ⁴
Key	A = Blue B = Green C = Yellow D = Orange F = Red	Change of 20 students or less = Flat		>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

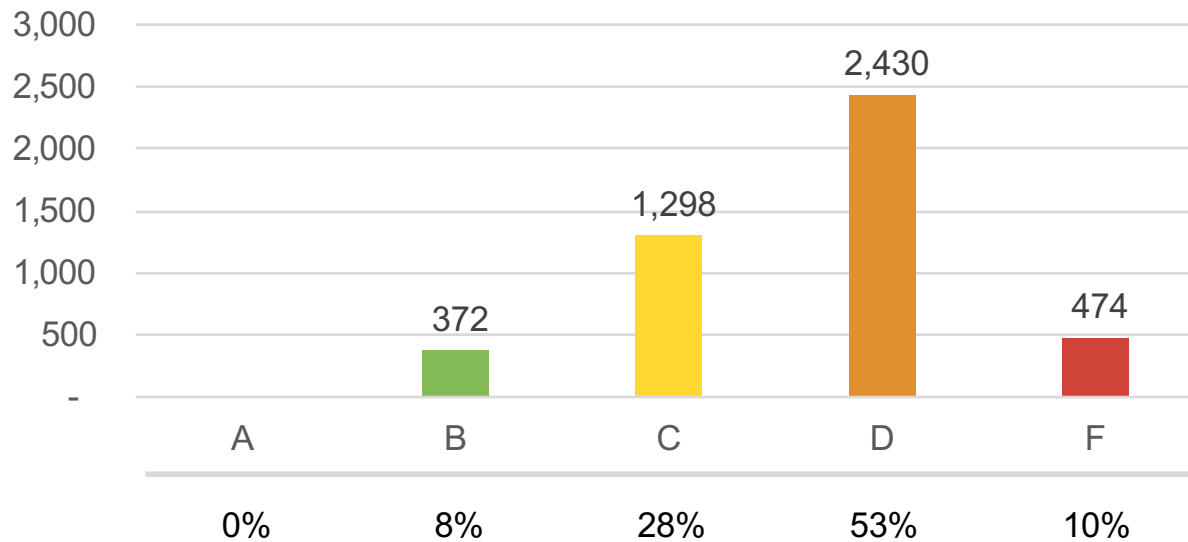
² Trend is based on the 3-year average of the standardized change of 2018 performance index and K-3 literacy

³ Based on 2017-18 ODE headcount enrollment data

⁴ Capacity figures provided by Case Western Reserve University where applicable; Campuses with “data not reported” did not provide capacity figures to CWRU

West Region: How many K-8 students are enrolled in quality schools?

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



- 34% of West region enrollment is at B or C-rated schools, among the highest of any region.
- 66% of enrollment is at schools rated either a D or F.

District K-8			Charter K-8		
	Grade ¹²	Trend ²		Grade ¹	Trend ²
Denison	B- (↑)	(↑)	Constellation: Stockyard MS	B-	(↑)
Clark	C	(--)	Constellation: Old Brooklyn MS	C-	(--)
Benjamin Franklin	D+	(--)	Horizon: Denison	C-	(↑)
Mooney	D+	(--)	Lincoln Park Academy	C-	(↑)
TJ Newcomers	D-	(--)	Constellation: Stockyard ES	D	(↑)
William Cullen Bryant	D-	(--)	Constellation: Old Brooklyn ES	D	(--)
Walton	F+	(--)	Lincoln Prep	F+	(↑)

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.

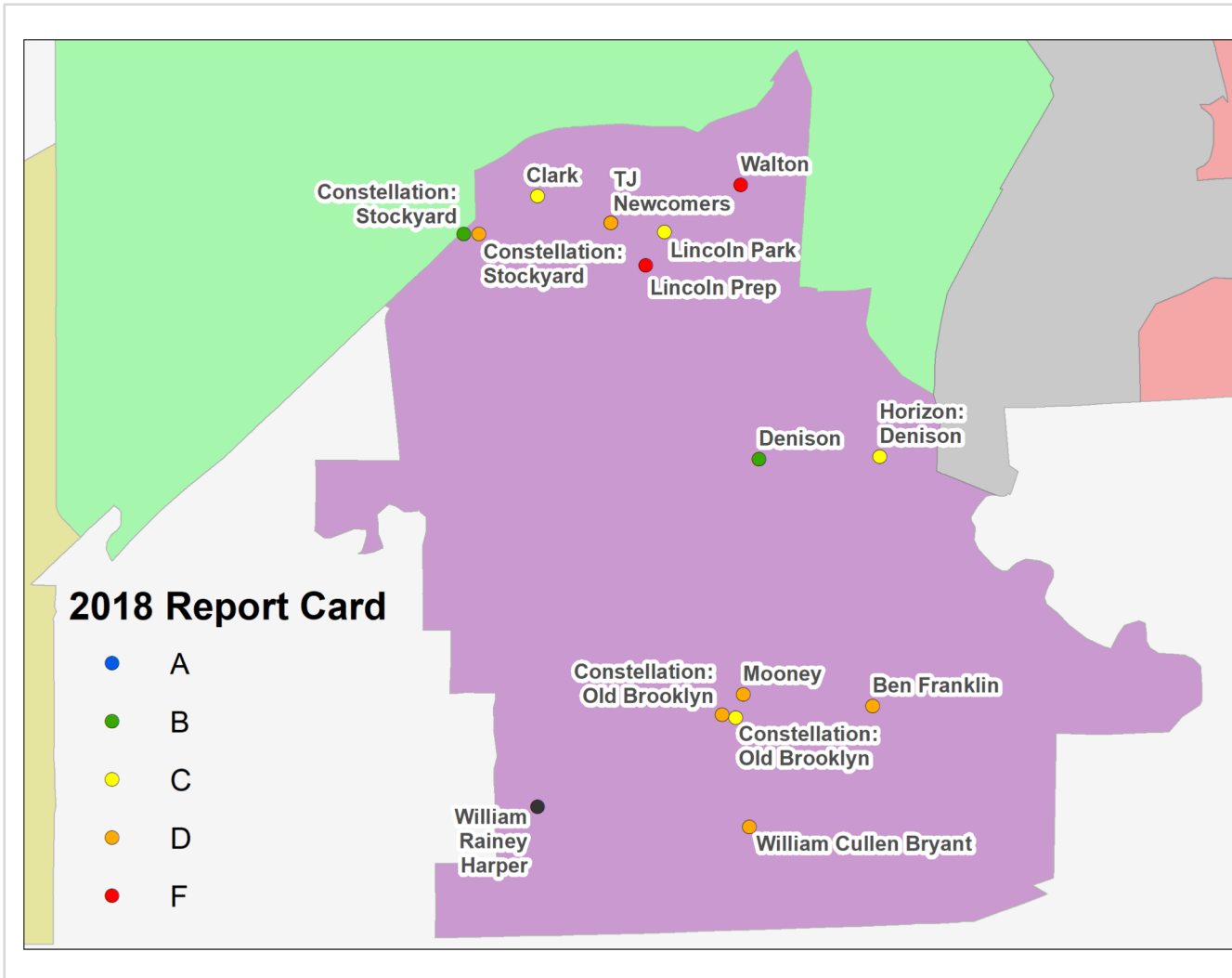
2 Trend is based on the average of the standardized change of 2018 performance index and K-3 literacy; <-0.5 = declining, >0.5 = improving

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

West Region: Where are quality schools located?

March 19, 2019 Discussion Draft

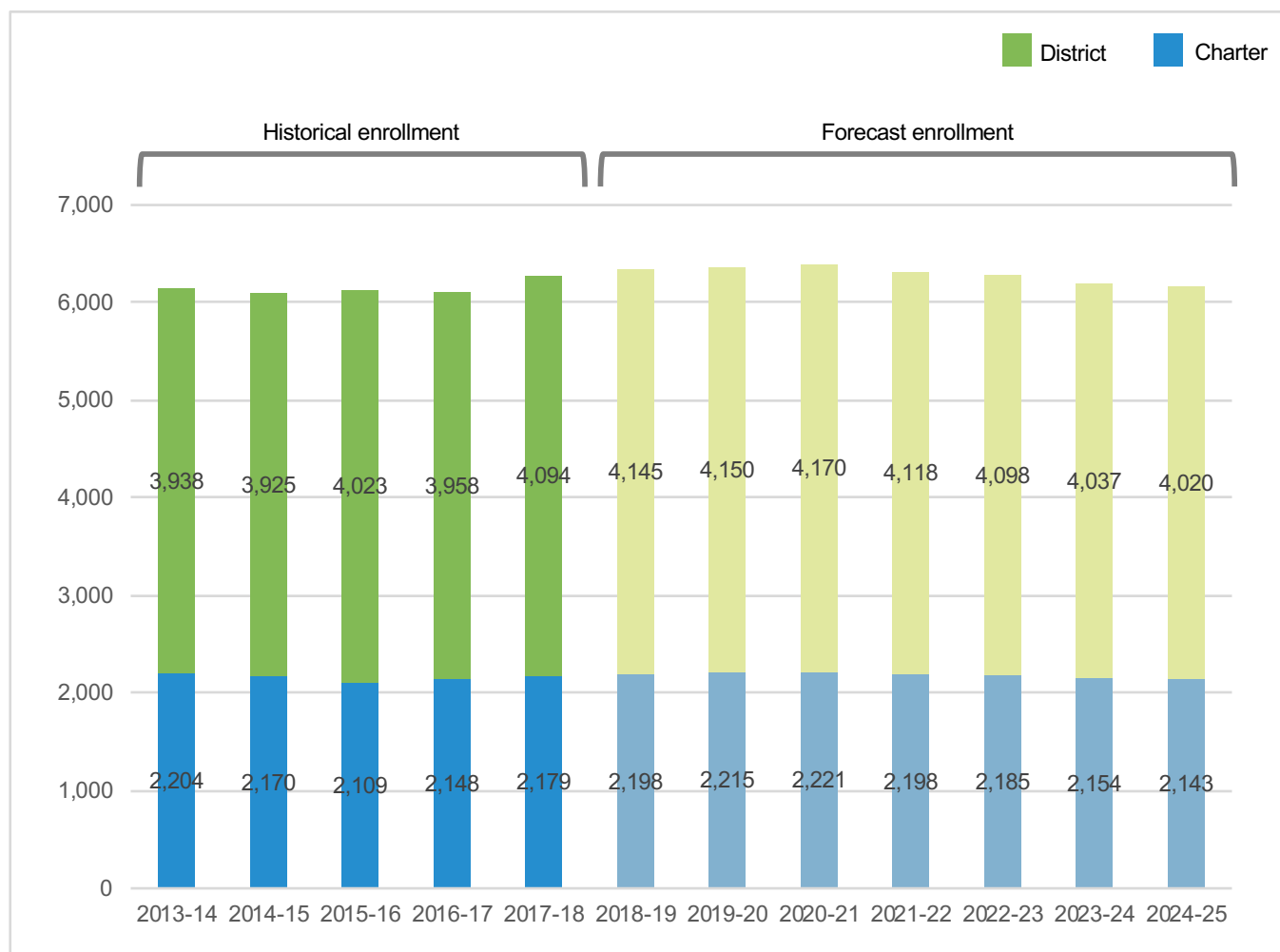
2017-18 District and Charter K-8 School Locations by 2018 ODE Report Card Grades



There is varied performance between the four neighborhoods in the West region, but all have at least one charter or District school rated C or better.

West 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

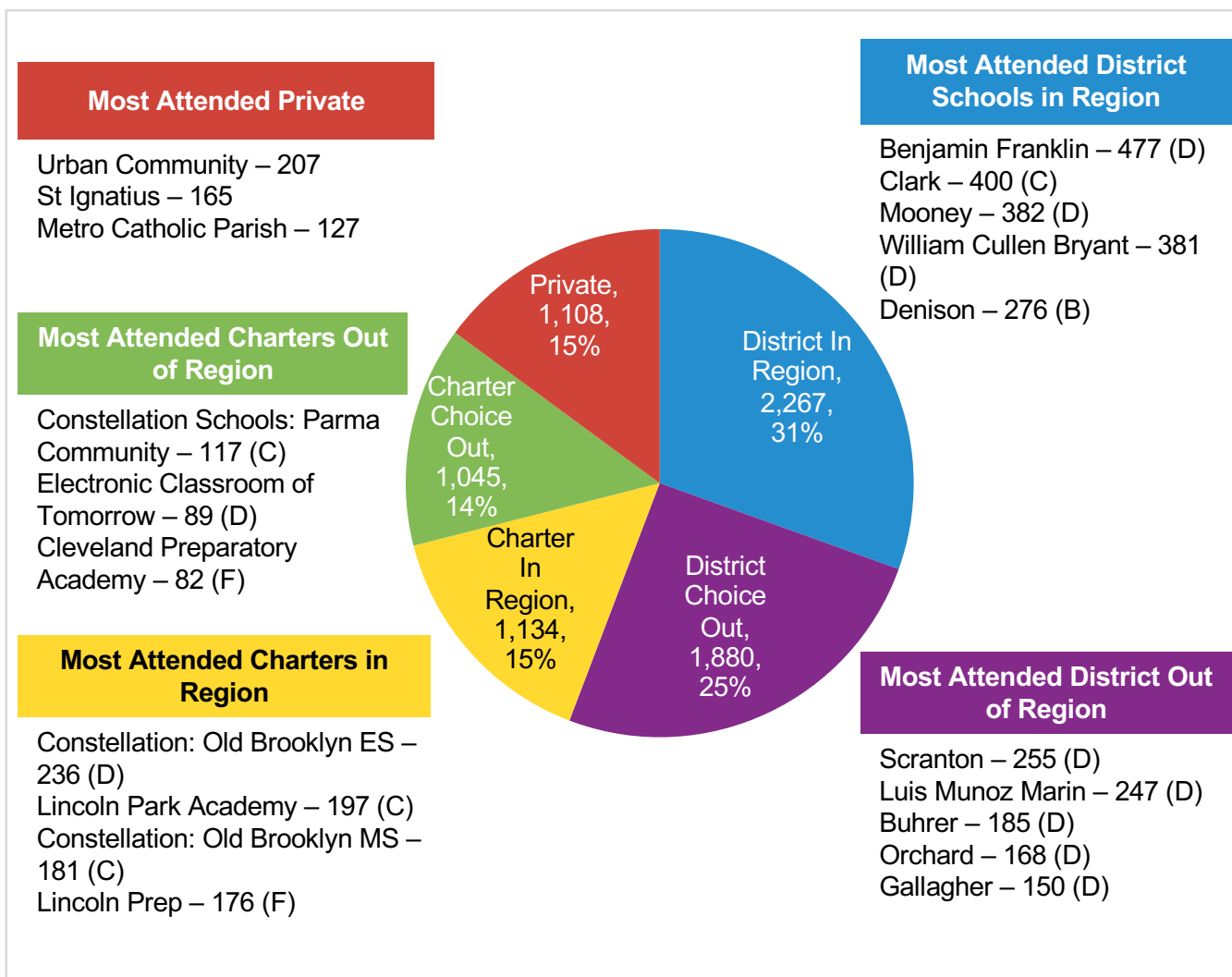


- West K-8 population grew by 130 students, or 2%, from 2013 to 2017. District schools experienced all of this gain, while charters slightly declined.
- The combined West K-8 enrollment is forecast to stay flat through 2022-23 with no significant shifts between charter and District share.



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

2017-18 Enrollment by School Type and Location for West Residents

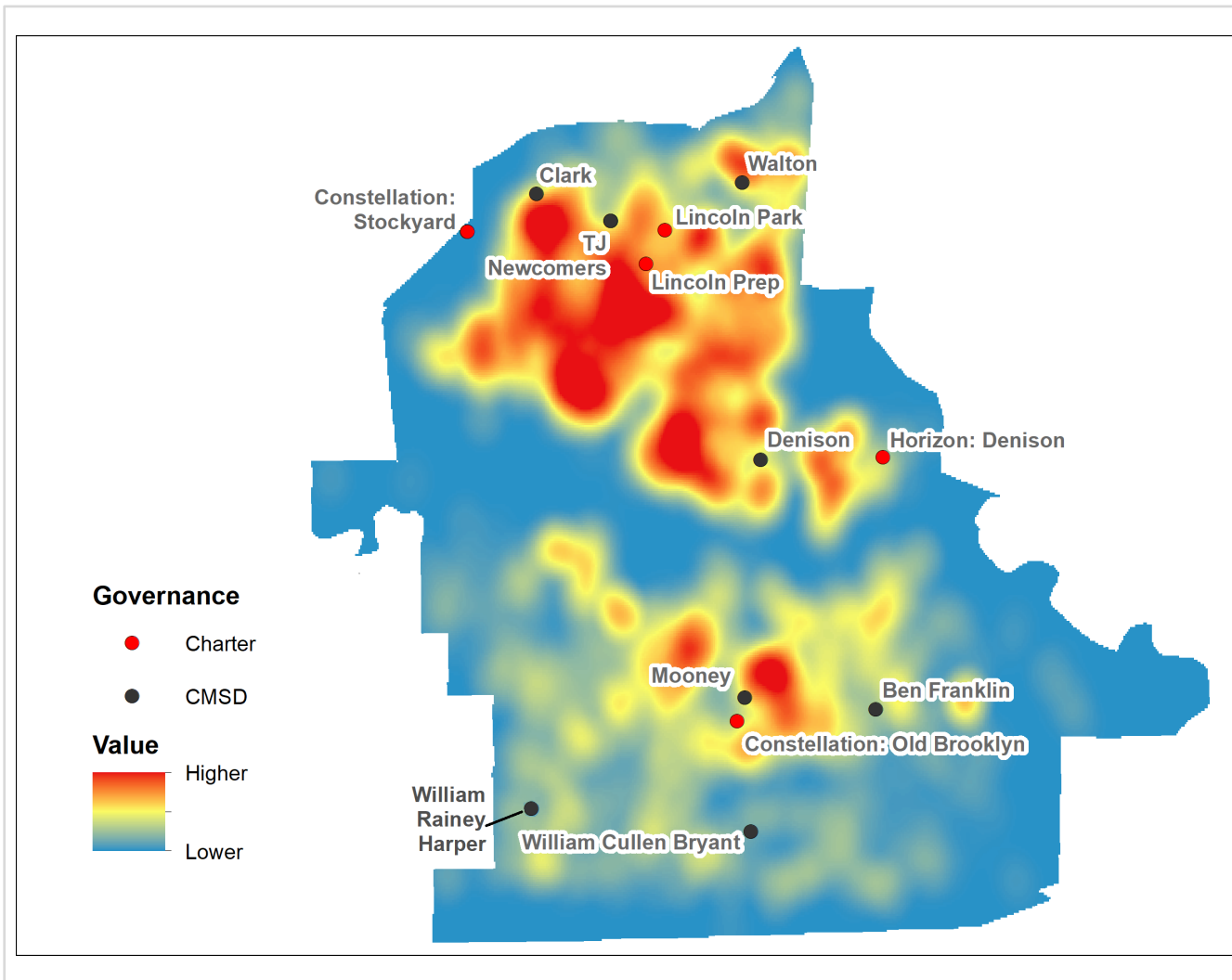


- 56% of K-8 students are choosing District schools. Of these, only 55% choose to stay within West region, the lowest rate of any region.
- 39% of students residing in the West region choose to attend a school outside the region, the second highest rate of any region behind the East region.



West Region: Where do students reside in the region?

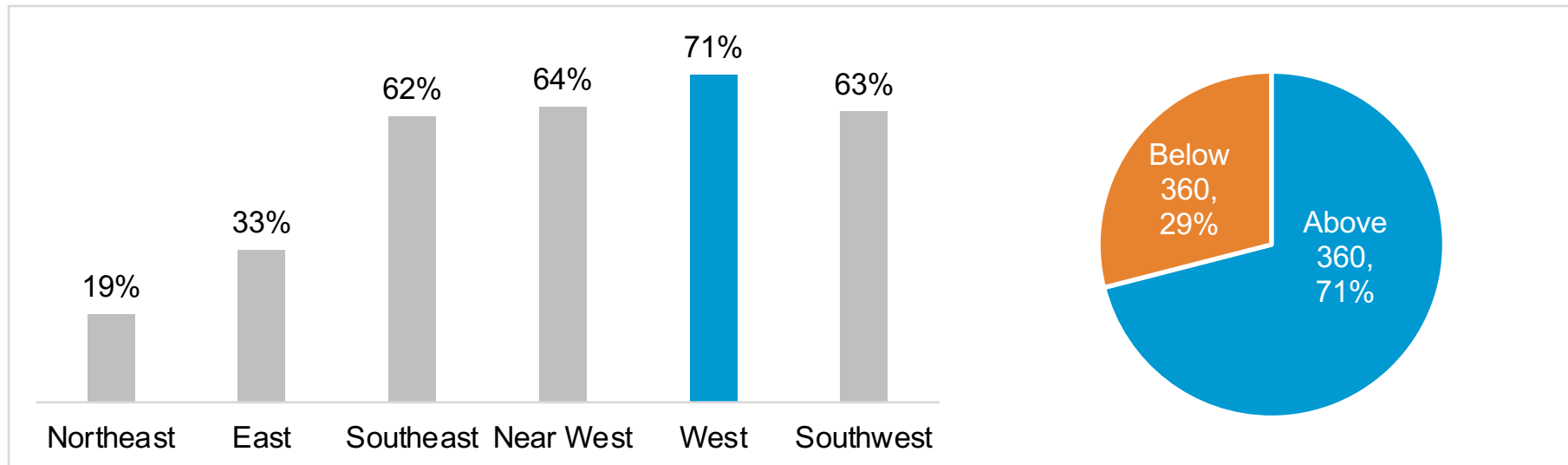
Heat Map of School-Aged Student Population with District and Charter K-8 School Locations



The majority of the region's population density is concentrated in the Stockyards, Clark-Fulton, and Brooklyn Centre neighborhoods.

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

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

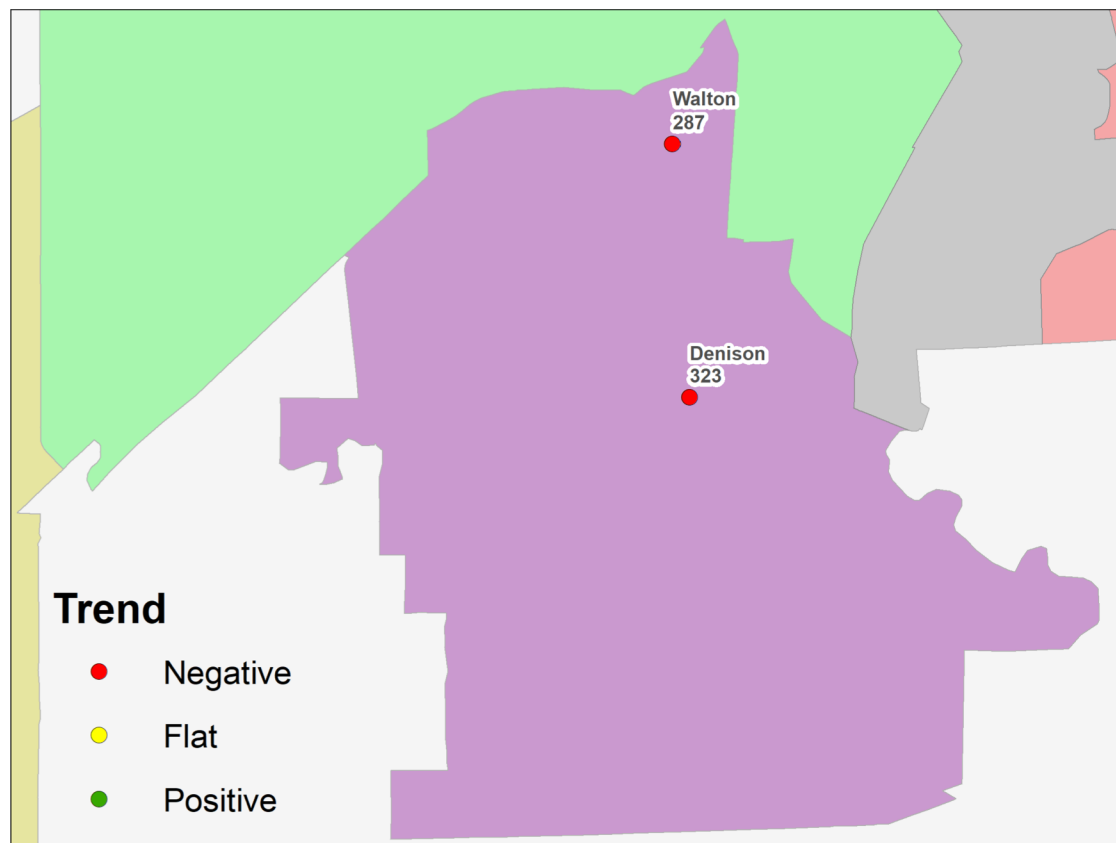


- District K-8 schools with at least 360 students are more likely to have the resources to sustain the baseline desired learning and teaching experience. This minimum enrollment target is the equivalent of about 20 students per class with two classes for each grade level from kindergarten to 8th grade.
- 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.
- 71% of District K-8 schools are above the minimum enrollment target of 360 students, which is the highest rate of any region. Three of the seven regional schools meet the desired enrollment target of 450 students.

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

March 19, 2019 Discussion Draft

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
Ben Franklin	598	Positive
Clark	581	Flat
Denison	323	Negative
Mooney	460	Flat
TJ Newcomers	430	Positive
Walton	287	Negative
William C Bryant	411	Positive

- Five of the seven schools are above the minimum viable enrollment target and have all experienced positive or flat enrollment over the last five years.
- The two schools that are below the minimum target have both experienced declining enrollment since 2013.

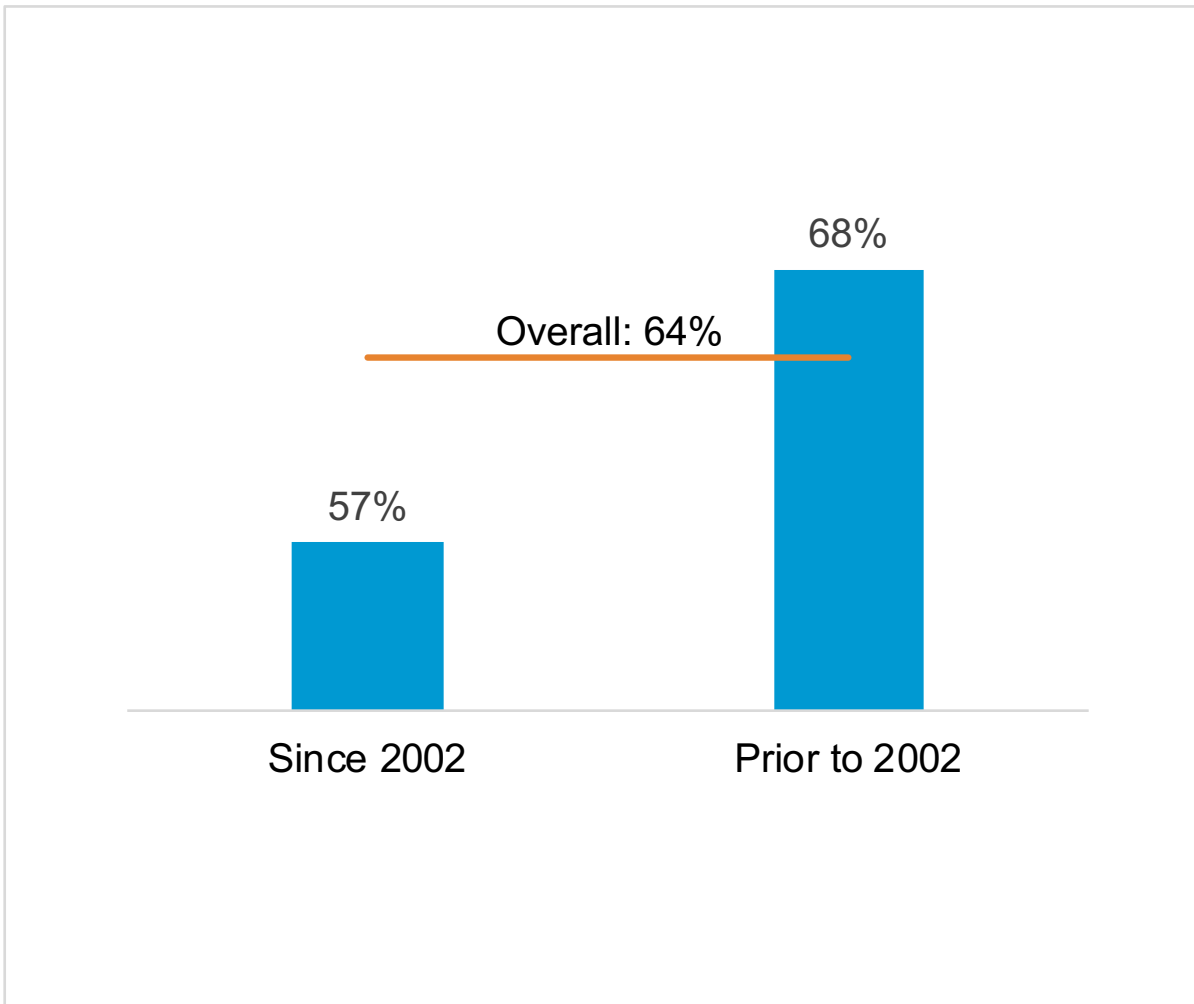
SOURCE: 2017-18 K-8 headcount enrollment data

METHOD: Enrollment trend reflects the difference between 2013 and 2017 K-12 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 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



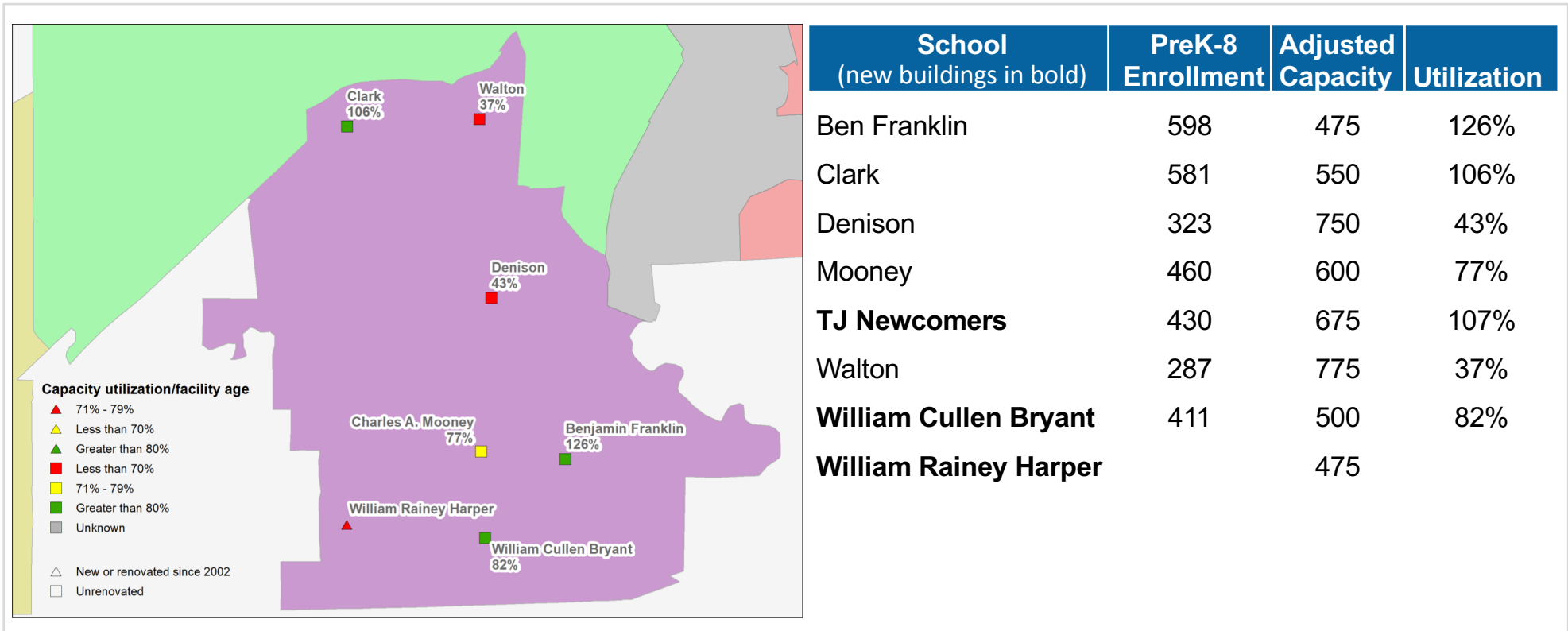
- 64% of District K-8 seats are in use, leaving approximately 1,700 empty seats in District schools in the region and roughly 500 empty charter seats. 57% of seats in new or renovated buildings are in use, while 68% of seats in buildings constructed prior to 2002 are in use.
- 28% of students attending District K-8 schools are served in buildings that are newly built since 2002, the lowest rate of any region. Five of the eight District K-8 buildings in this region pre-date 2002.
- New/renovated buildings could not serve all students forecast to attend District schools in this region in the future.



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

March 19, 2019 Discussion Draft

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



- There are 15 special education classrooms and six PreK classrooms in the region, which adjust capacity by 525 seats. William Rainey Harper opened in 2018-19 in the region with an additional 475 seats on top of the 1,200 open seats in existing buildings for a total of roughly 1,700 open seats in District K-8 buildings.
- Charter schools report approximately 500 empty seats.

West 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
Ben Franklin				
Clark		✓		
Denison		✓		
Mooney				
TJ Newcomers	✓			
Walton			Investment School	
William Cullen Bryant	✓			
William Rainey Harper	✓			

Appendix

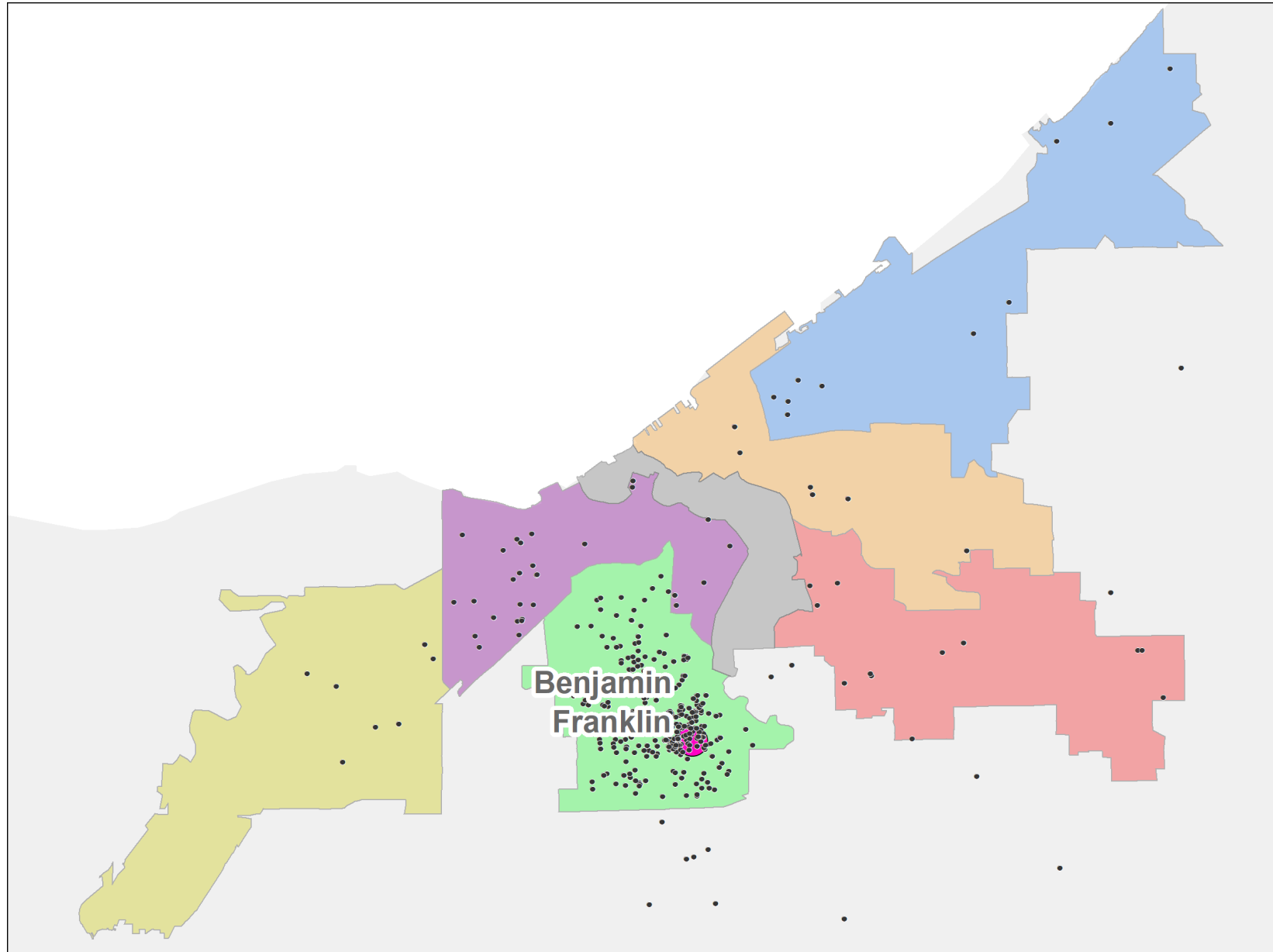
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West Region: Where do students reside?

March 19, 2019 Discussion Draft

Ben Franklin: 45% of students reside within a mile



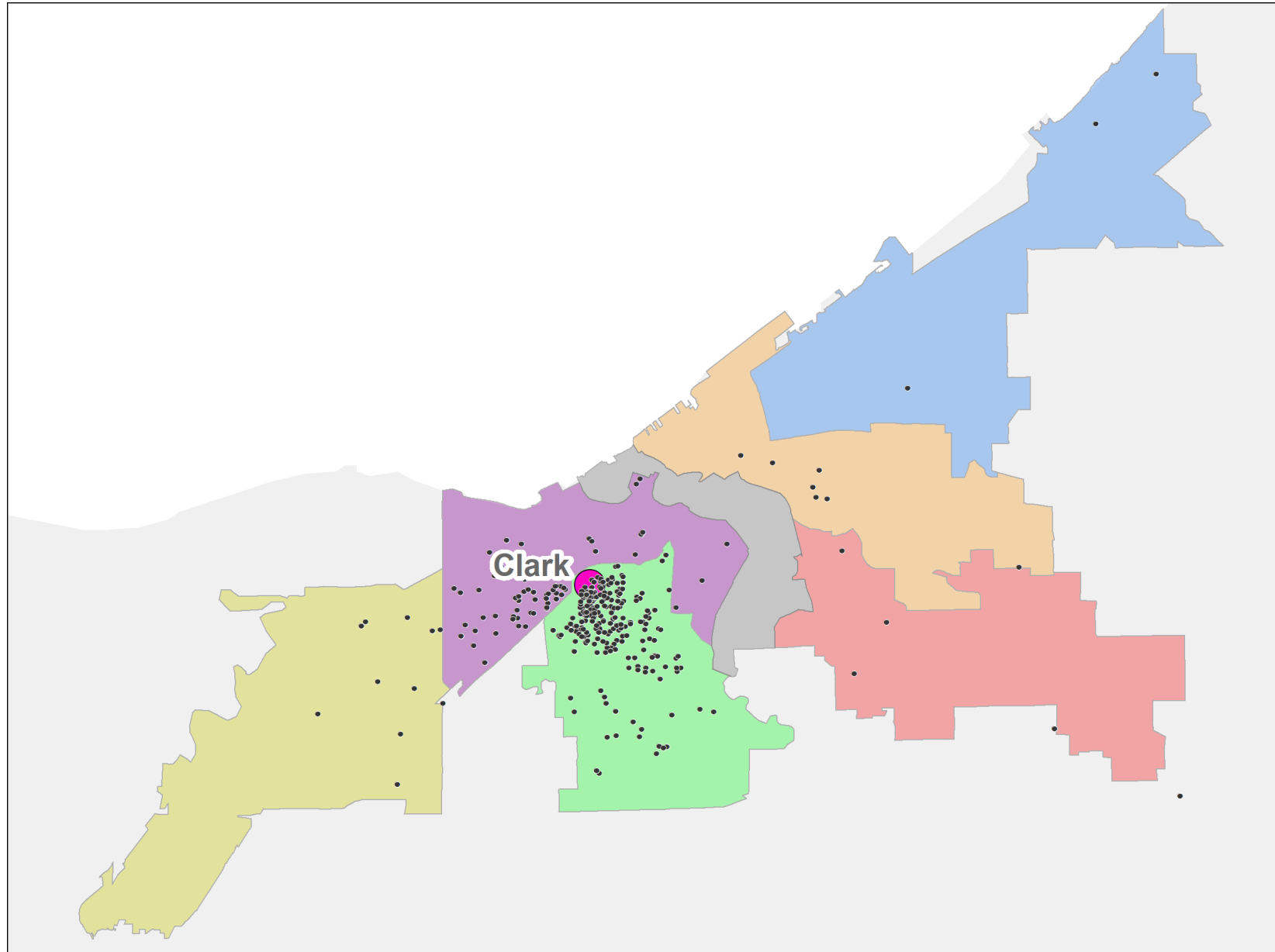
SOURCE: 2017-18 geo-coded enrollment data



West Region: Where do students reside?

March 19, 2019 Discussion Draft

Clark: 53% of students reside within a mile

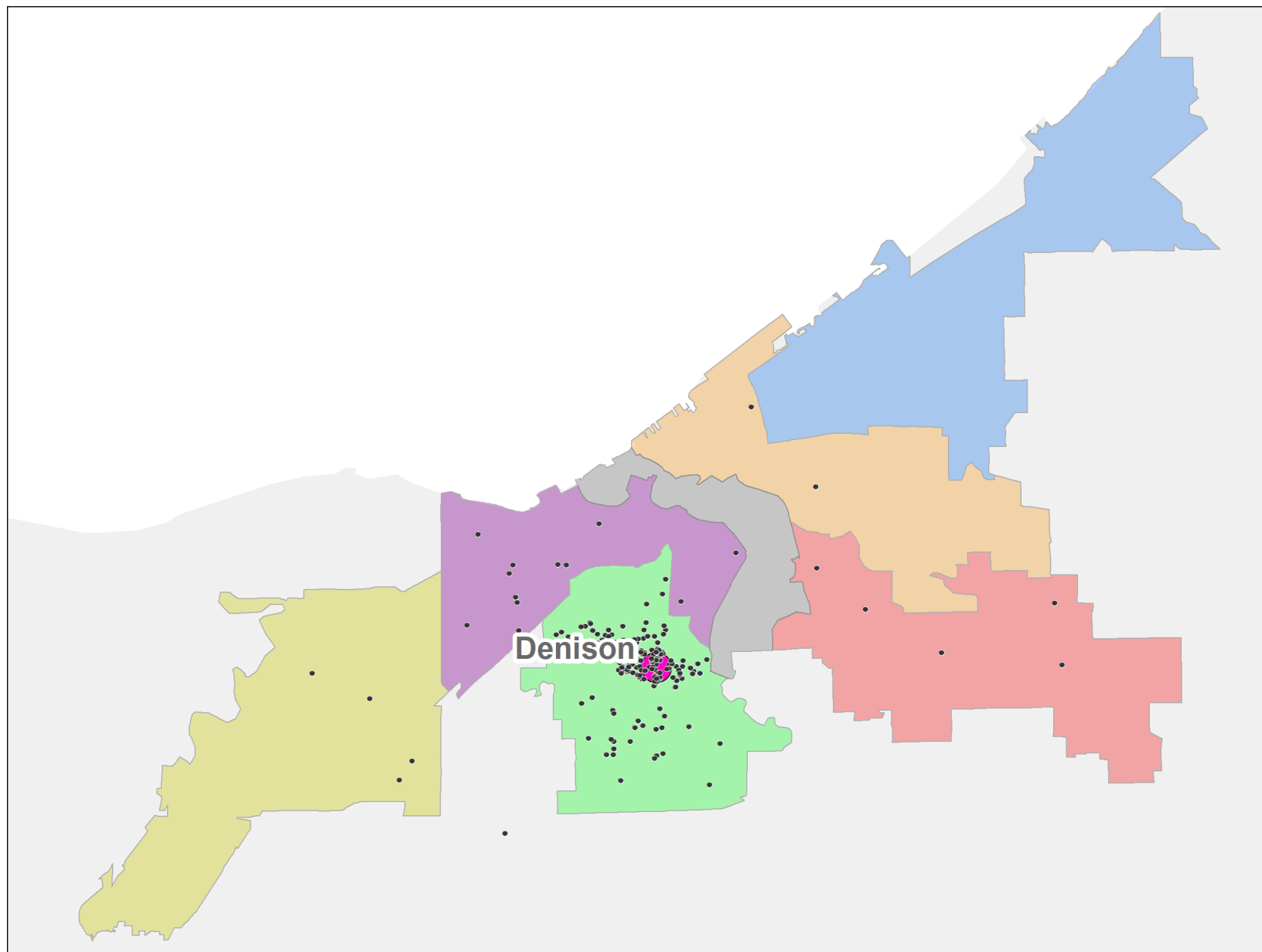


SOURCE: 2017-18 geo-coded enrollment data



West Region: Where do students reside?

Denison: 62% of students reside within a mile



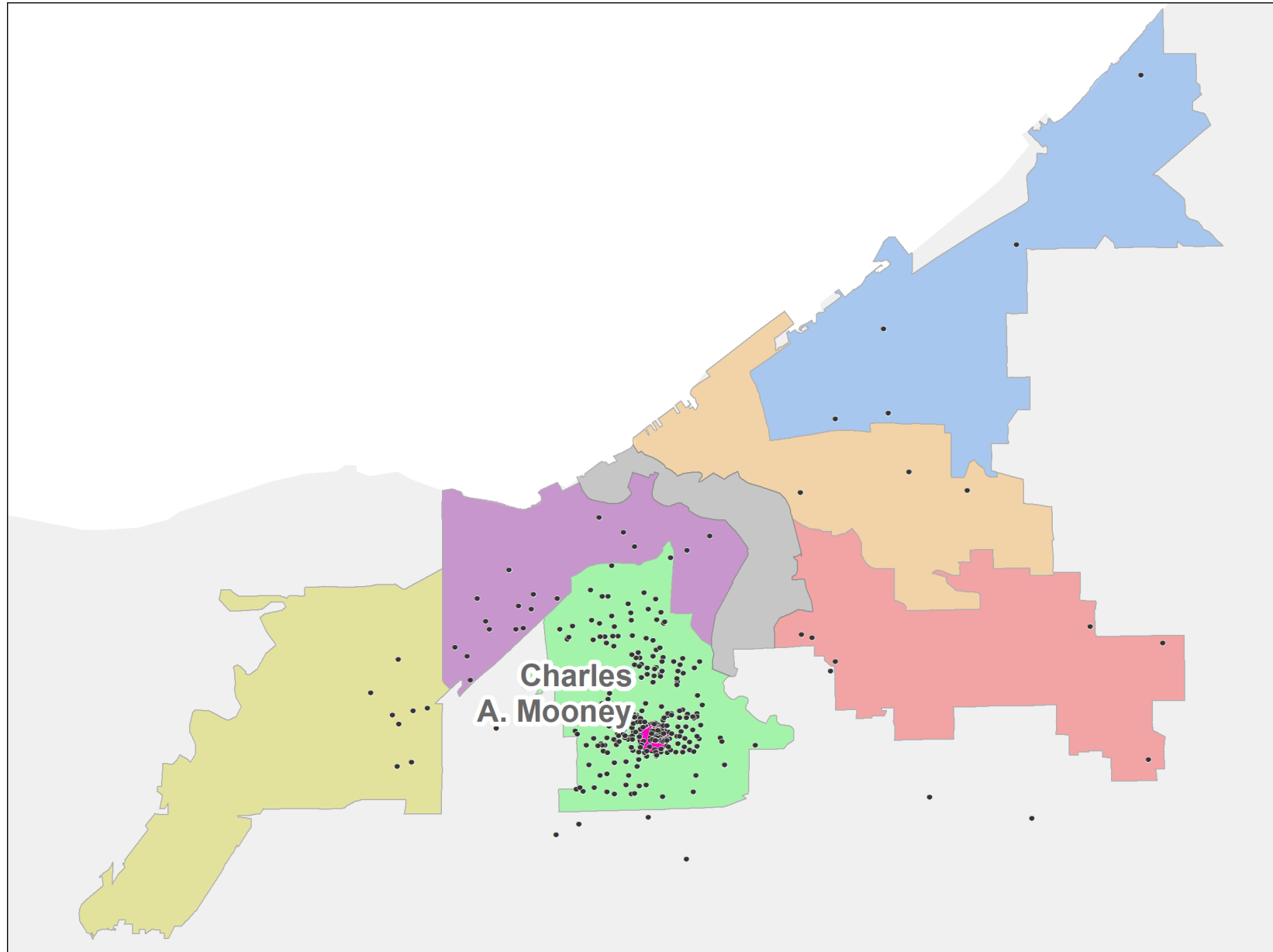
SOURCE: 2017-18 geo-coded enrollment data



West Region: Where do students reside?

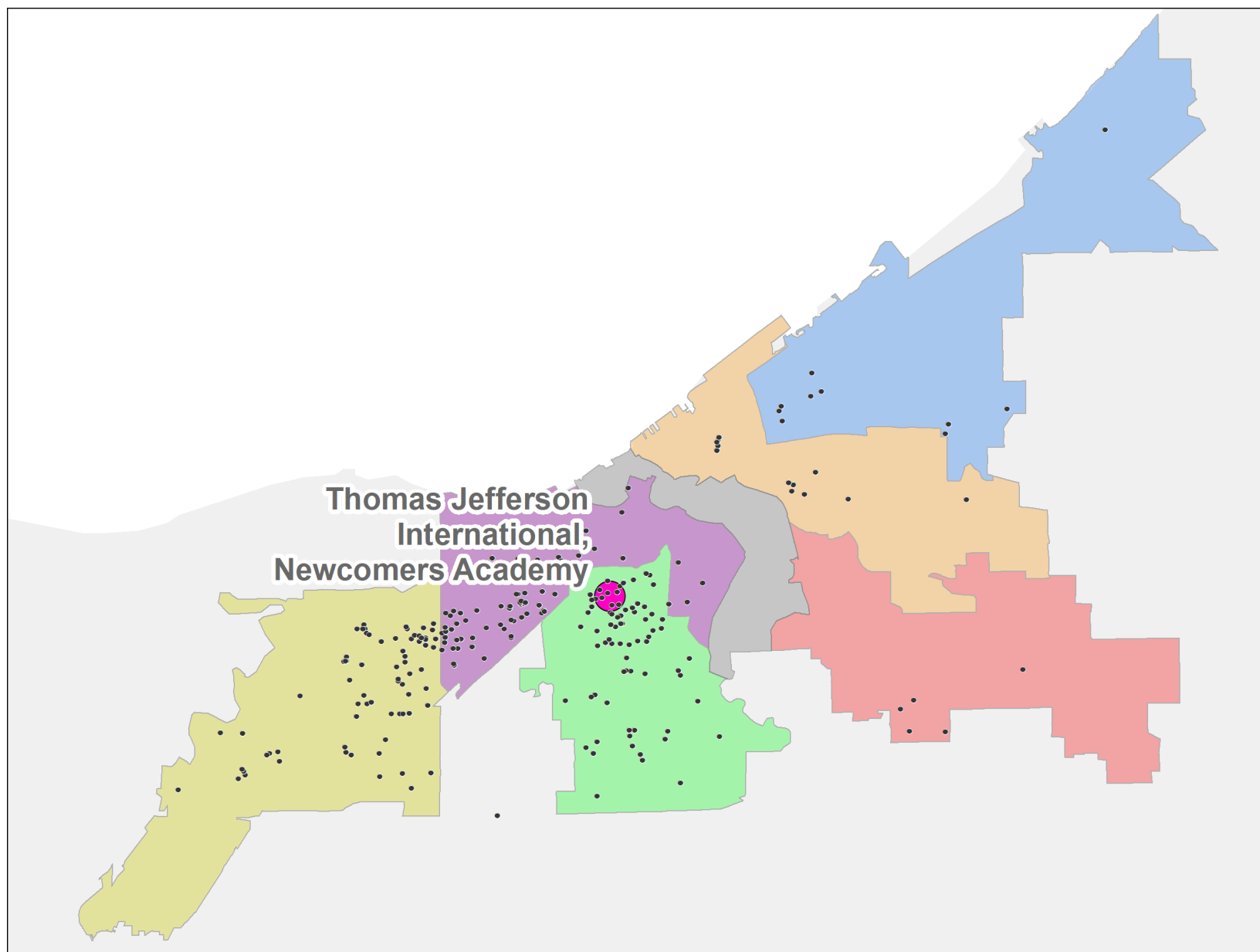
March 19, 2019 Discussion Draft

Mooney: 56% of students reside within a mile



SOURCE: 2017-18 geo-coded enrollment data

West Region: Where do students reside? **TJ Newcomers: 16% of students reside within a mile**



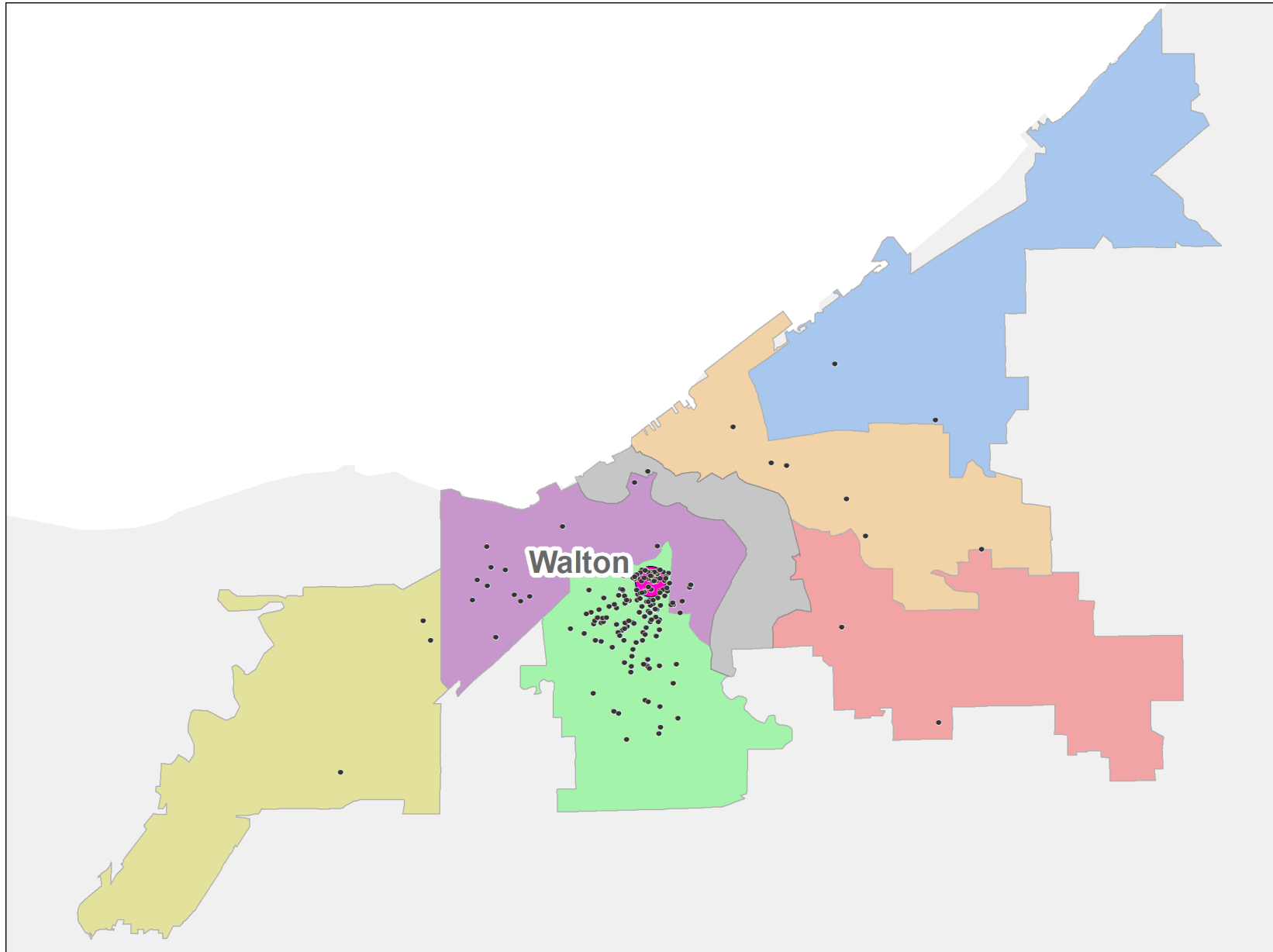
SOURCE: 2017-18 geo-coded enrollment data



West Region: Where do students reside?

March 19, 2019 Discussion Draft

Walton: 62% of students reside within a mile



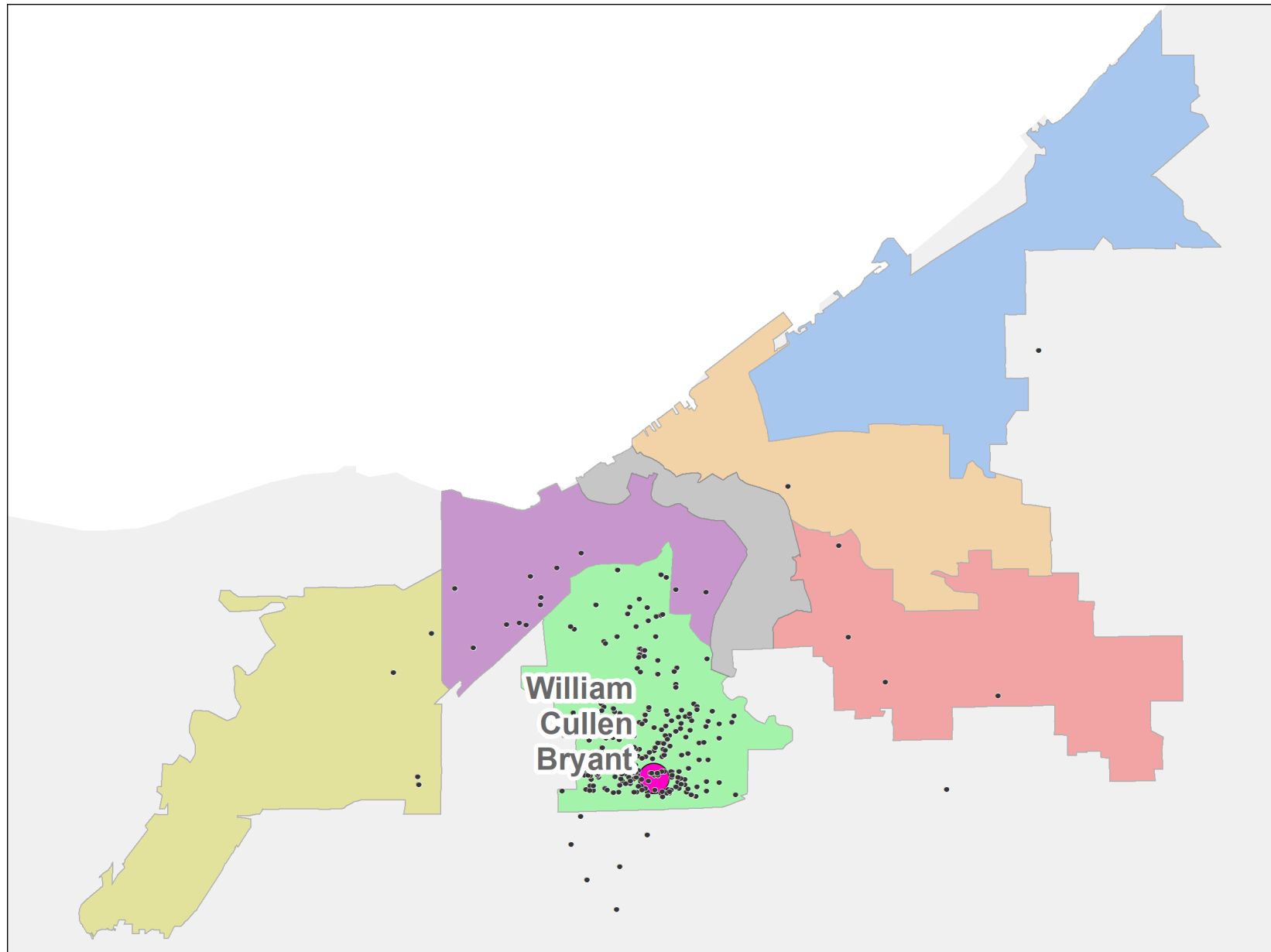
SOURCE: 2017-18 geo-coded enrollment data



West Region: Where do students reside?

March 19, 2019 Discussion Draft

William Cullen Bryant: 43% of students reside within a mile



SOURCE: 2017-18 geo-coded enrollment data

Regional opportunities: West Region K-8 preliminary output

Key Question

Using the major fact base data points, what are the most critical opportunities for action?



Academic Quality

Top-down: Parameters for scenario planning

2018 report card scores

- 1 B-rated school
- 1 C-rated school
- 4 D-rated schools
- 1 F-rated school

Bottoms-up: Specific schools of opportunity

Schools currently rated F on the Ohio Report Card

- Walton

Implications

27% District students are in B or C schools. Walton is an area of focus as F, small, and in an older building.



Enrollment Viability

- 2022-23 forecasts 3,153 K-8 students attending District schools
- Mapping enrollment targets to projected enrollment, **7-9 schools** would be sustainable
- There are 8 schools in operation today

Lowest-enrolled schools

- Walton
- Denison

Schools are larger in this region than most others. With **flat enrollment forecast**, consolidations may not be necessary.



Building Use and Condition

Capacity at the 2 **segment 1-7 buildings** in the region: 930

Segment 8/9 buildings

- Clark
- Denison

Older buildings, not Segment 8/9

- Walton
- Mooney
- Ben Franklin

Constrained capacity buildings

- William Rainey Harper

Under 40% of schools new since 2002. Capacity will need to be addressed either through renovations or new construction to allow older buildings to be closed.