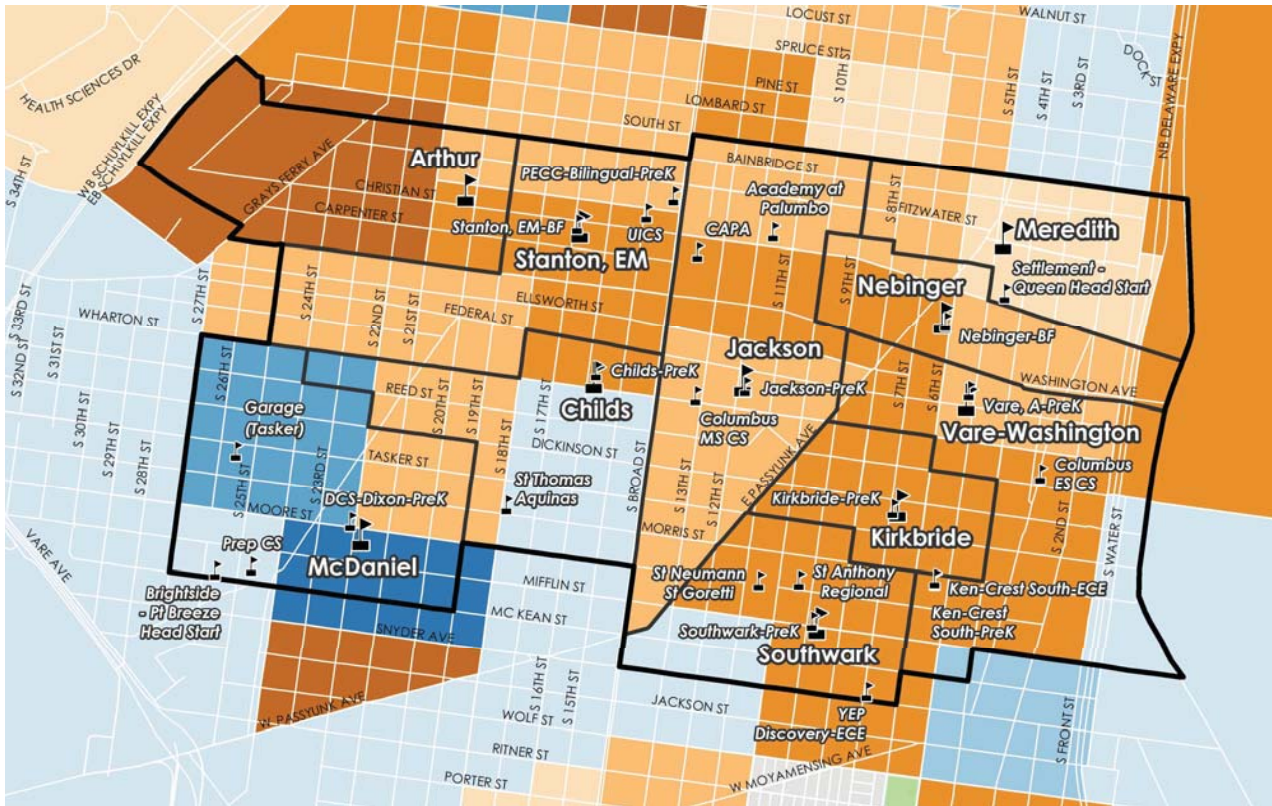


Study Area 1

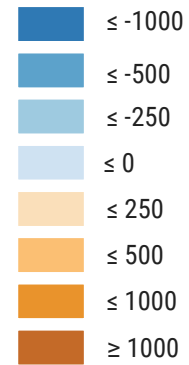
Population & Housing

Used to Support Enrollment Forecasting

Study Area 1 – Population Change 2010-17

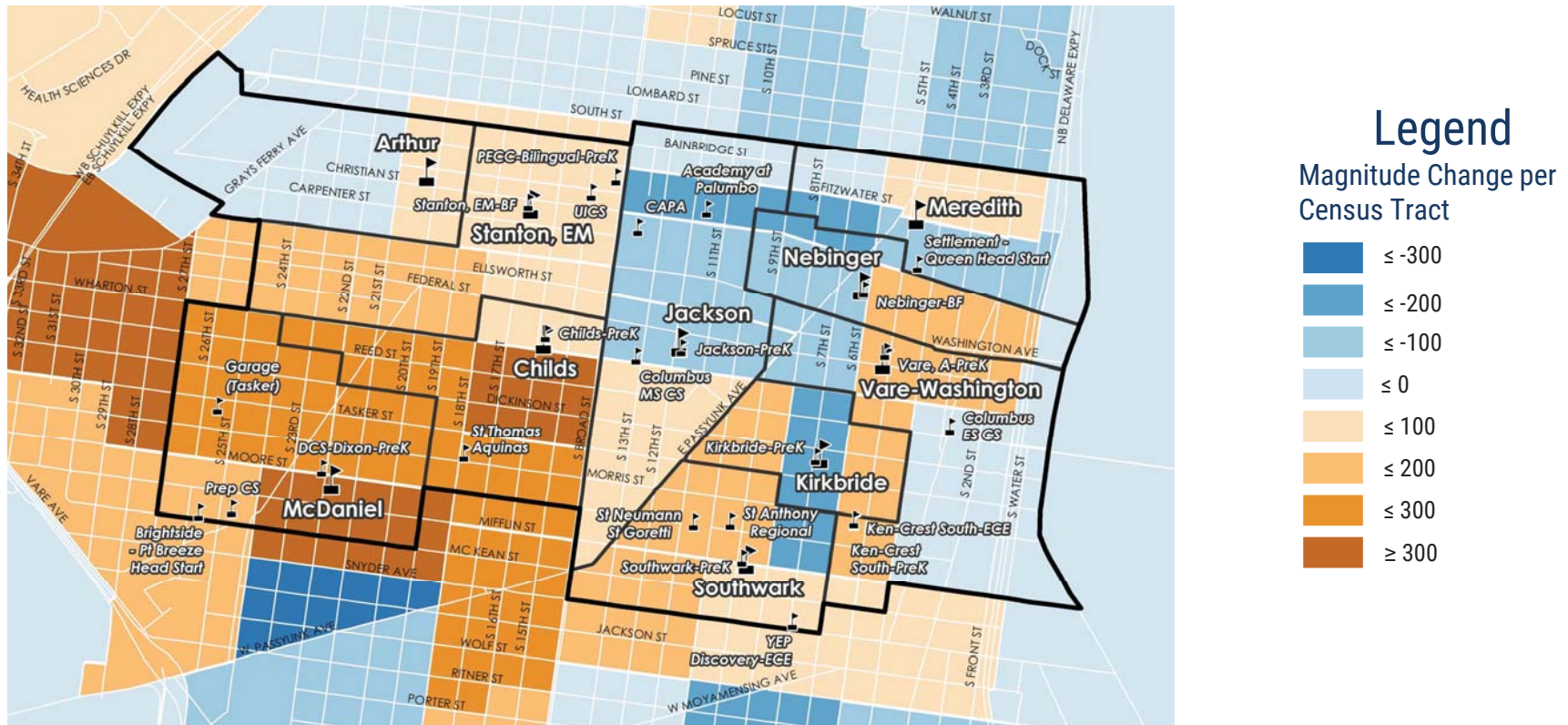


Legend
Magnitude Change per
Census Tract



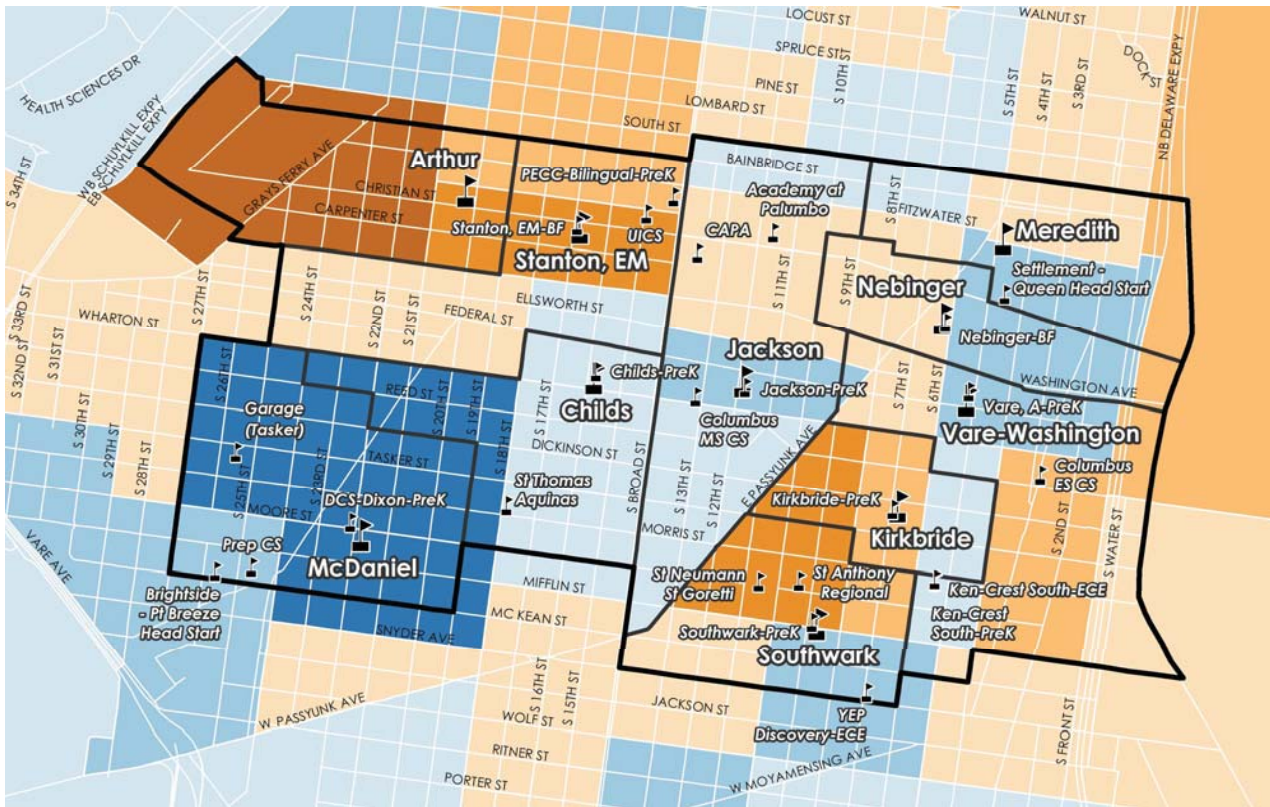
Data source: U.S. Census Bureau.

Study Area 1 – School Age Children Change 2010-17



Data source: U.S. Census Bureau.

Study Area 1 – Live Births Change 2010-15

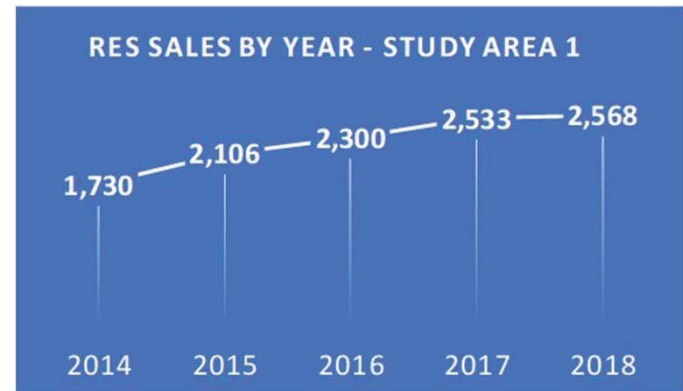
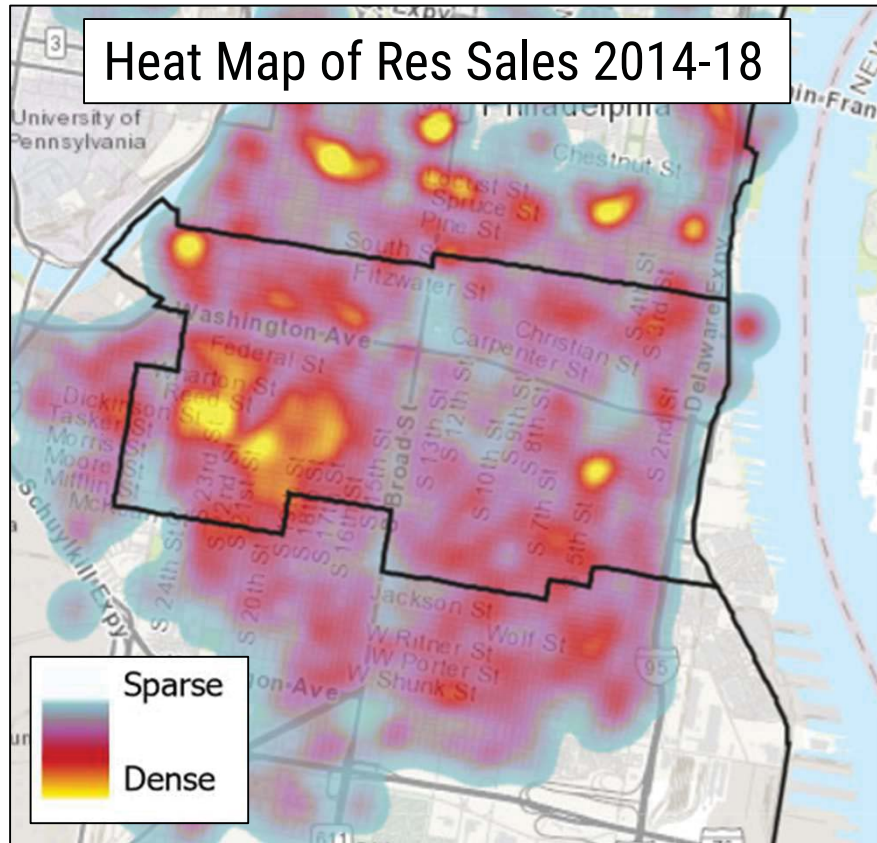


Legend
Magnitude Change per
Census Tract

- ≤ -25
- ≤ -10
- ≤ 0
- ≤ 10
- ≤ 25
- ≤ 50
- ≥ 50

Data source: City of Philadelphia Department of Public Health

Study Area 1 – Demographic and Housing Analysis



Data source: City of Philadelphia Planning Commission

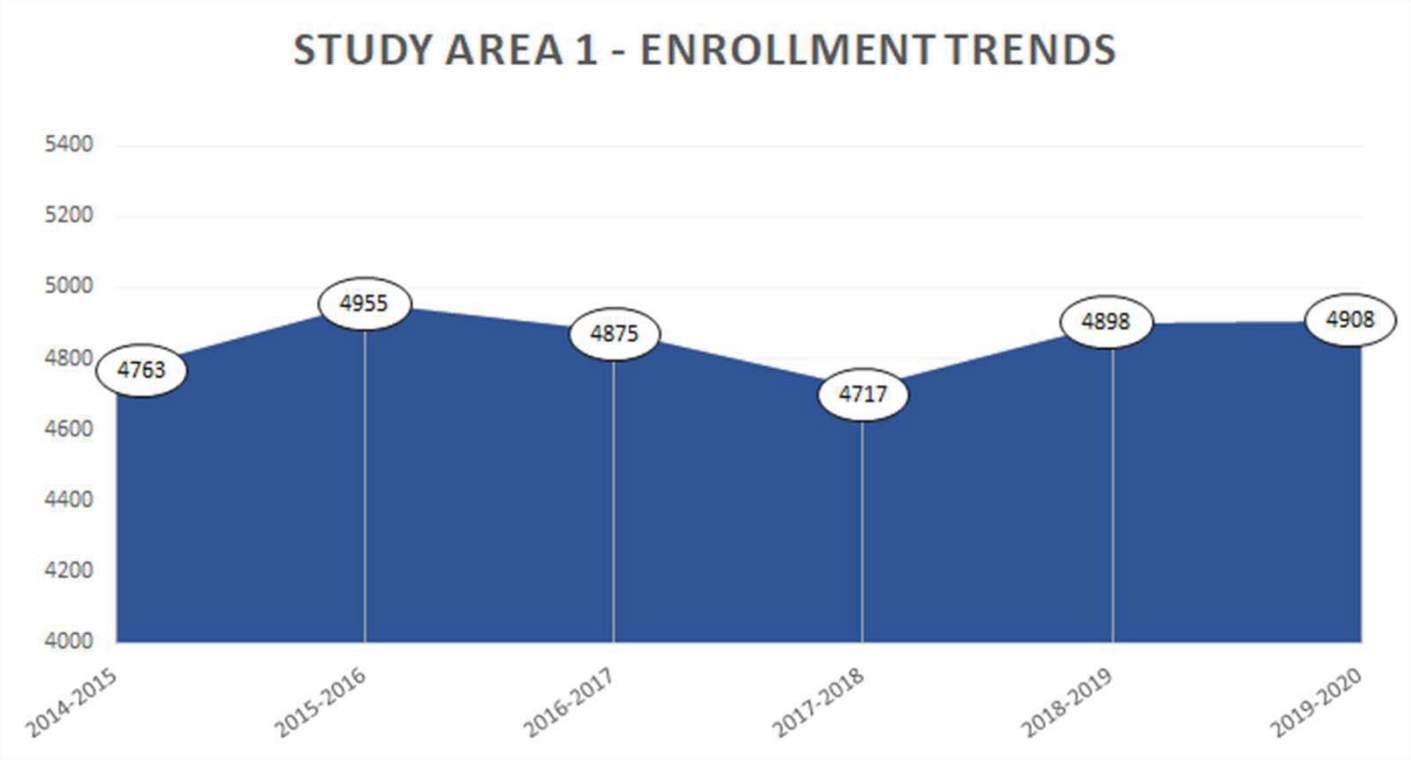
Study Area 1 – Population and Housing

- SA1 is a hot spot for both residential real estate transactions and new residential construction permits (infill of vacant lots).
 - Highest volumes are occurring in the Point Breeze neighborhood.
- The population of school-age children has either decreased, plateaued, or grown more slowly than the total population in all parts except the southwest.
 - The school-age population in the southwest is growing due to continued availability of vacant land to supply additional housing and population growth.
 - Census data indicate many of the families moving into the gentrifying regions of SA1 are young families with children.
- East of Broad St, SA1 has few vacant lots and room for population growth, whereas on the west of Broad St there continues to be a supply of vacant lots.

Facilities & Enrollment

Study Area 1 – Enrollment Trends

Across SA 1 enrollment remains fairly stable



Data Sources: 2014-2019 Student Information System.

Study Area 1 – Enrollment Trends by School

1,000

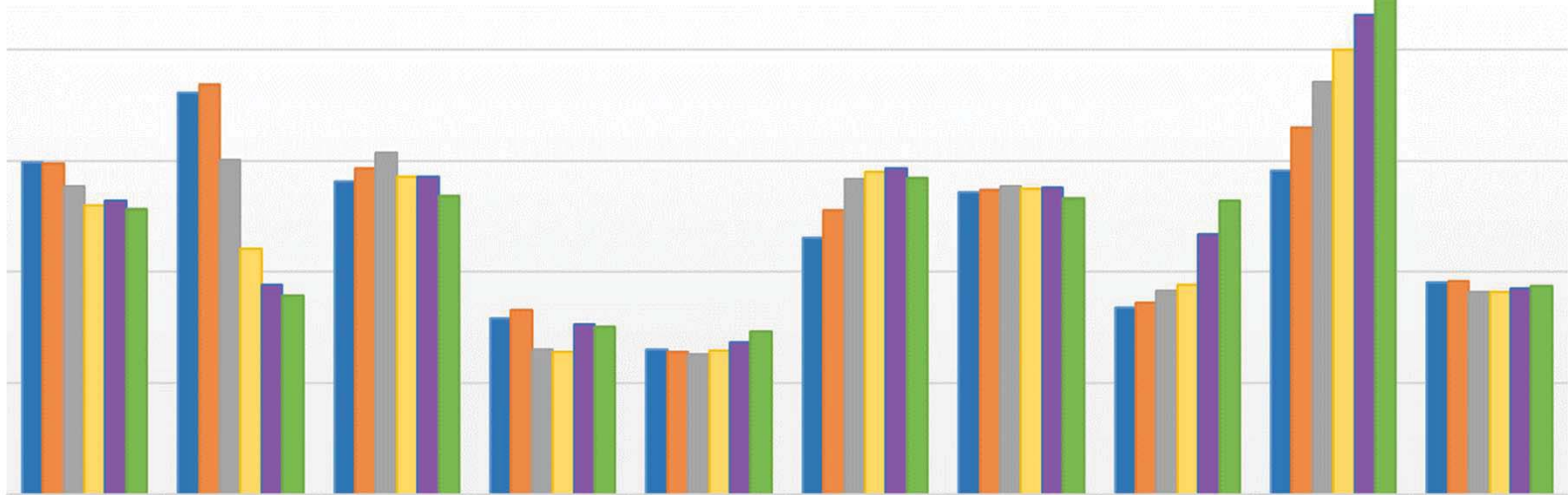
800

600

400

200

0



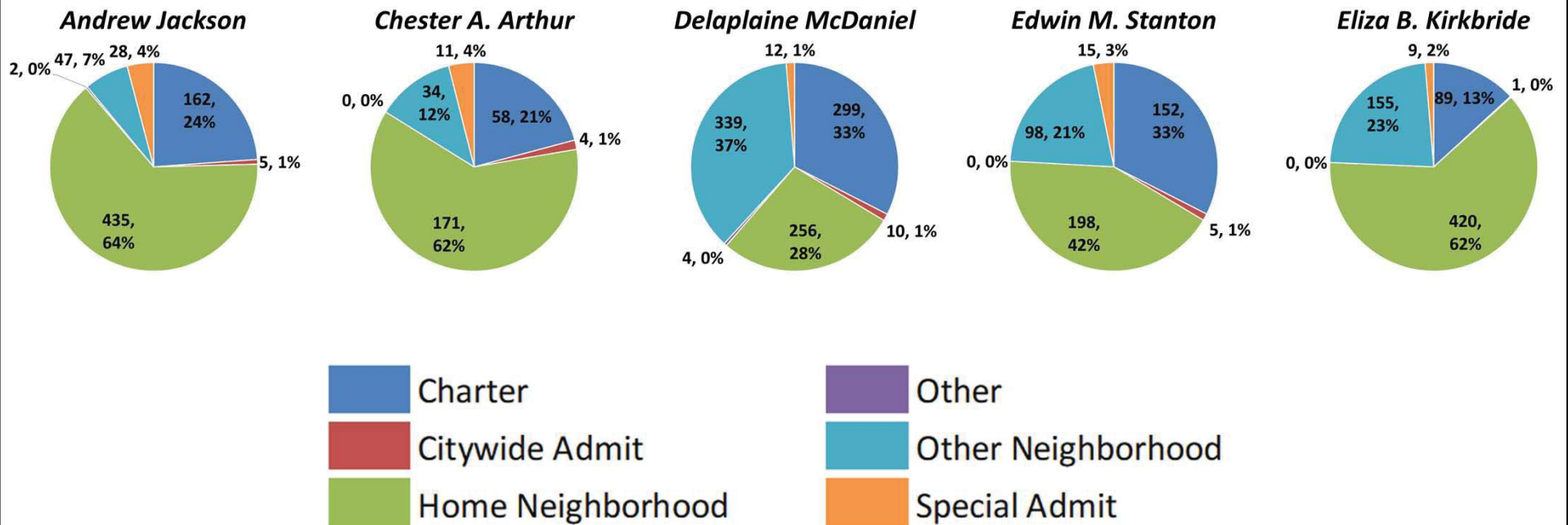
	Childs, George	McDaniel, Delaplaine	Meredith, William	Stanton, Edwin	Arthur, Chester	Jackson, Andrew	Kirkbride, Eliza	Nebinger, George	Southwark	Vare-Washington
--	----------------	----------------------	-------------------	----------------	-----------------	-----------------	------------------	------------------	-----------	-----------------

■ 2014-2015	598	722	563	317	259	463	543	335	583	380
■ 2015-2016	596	738	587	331	256	512	549	343	660	383
■ 2016-2017	555	603	614	261	251	567	554	365	742	363
■ 2017-2018	521	440	573	255	257	581	550	376	800	364
■ 2018-2019	530	377	573	305	272	588	553	468	863	369
■ 2019-2020	514	357	537	301	292	570	534	528	894	374

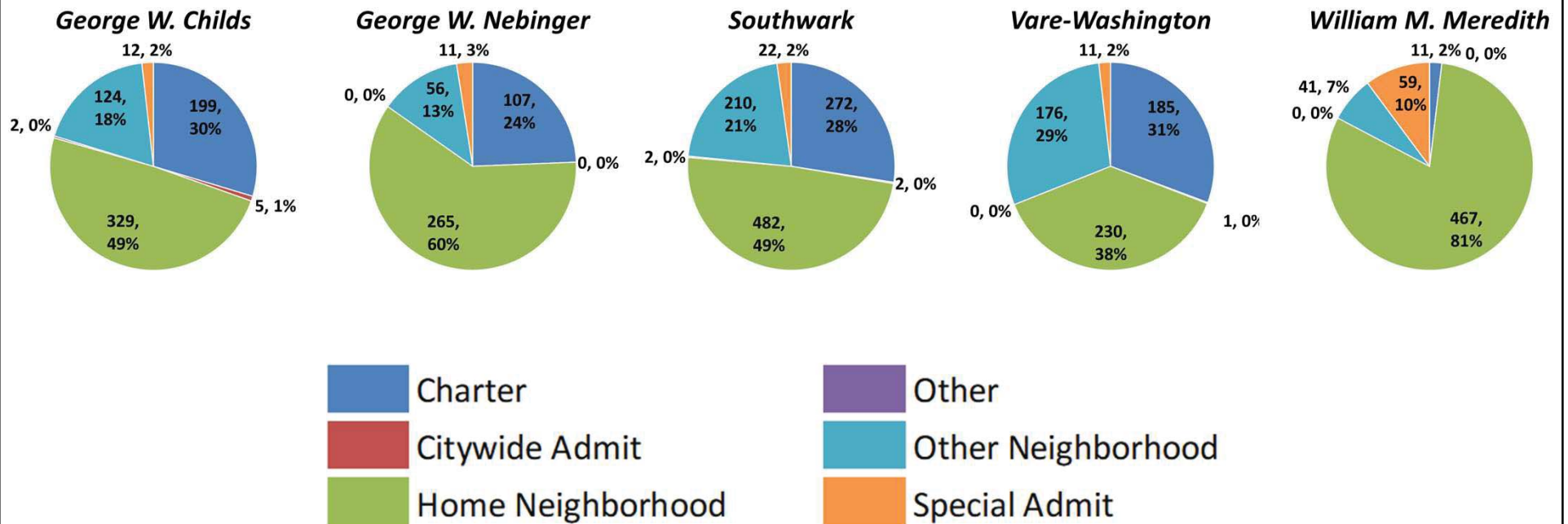
Data Sources: 2014-2019 Student Information System.

Enrollment & Movement of Students Between Schools

Study Area 1 – Where Catchment Students Go to School

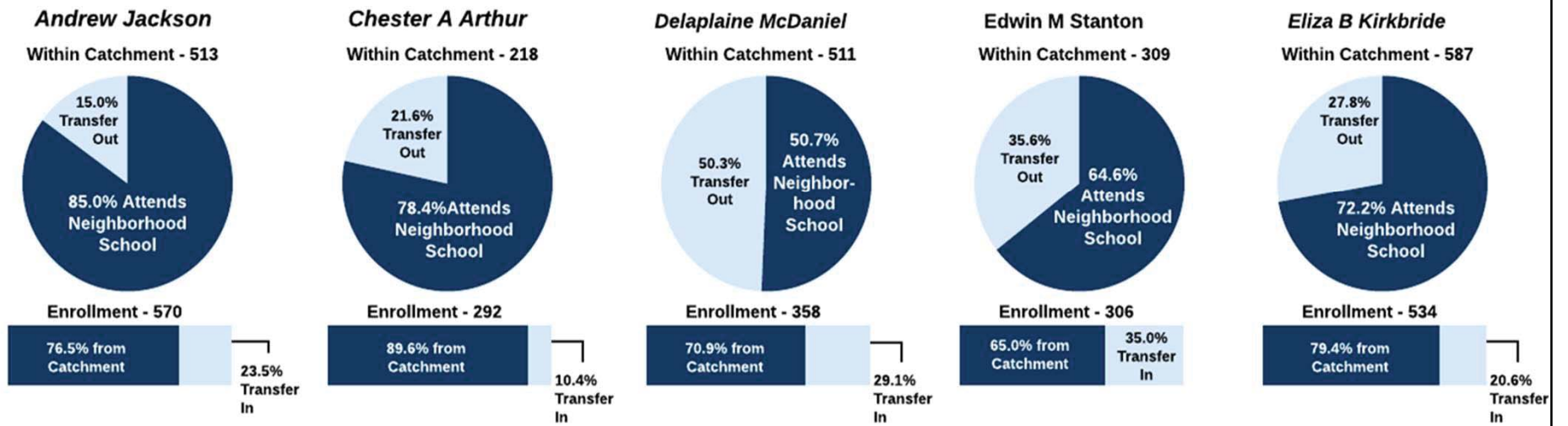


Study Area 1 – Where Catchment Students Go to School



Study Area 1 – Transfers Between District Run Schools

*includes transfers into District run schools from Renaissance Charter catchments



* 436/513 = 85.0% - % of available catchment students attending catchment school

** 436/513 = 76.5% - % of enrollment from within catchment students

Data Sources: 2019/2020 SIS

Study Area 1 – Transfers Between District Run Schools

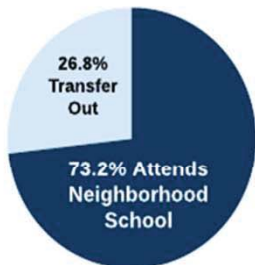
*includes transfers into District run schools from Renaissance Charter catchments

Transfers In or Out

From Catchment
(Reside in catchment area)

George W. Childs

Within Catchment - 451

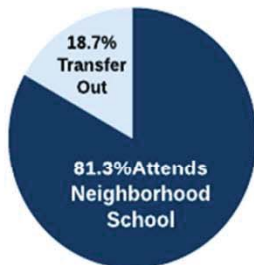


Enrollment - 514



George W. Nebinger

Within Catchment - 327



Enrollment - 528



Southwark

Within Catchment - 717

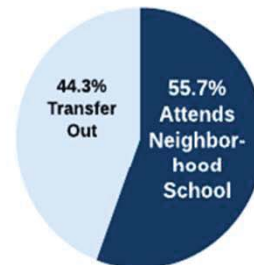


Enrollment - 894



Vare-Washington

Within Catchment - 418

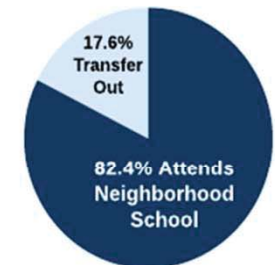


Enrollment - 374



William M Meredith

Within Catchment - 567



Enrollment - 538



* 436/513 = 85.0% - % of available catchment students attending catchment school

** 436/513 = 76.5% - % of enrollment from within catchment students

Data Sources: 2019/2020 SIS

Study Area 1 – Transfers In, Top 5

<i>Andrew Jackson</i>	Count
Southwark	29
Childs, George W.	18
Kirkbride, Eliza B.	18
Vare-Washington	12
Taggart, John H.	7

<i>Chester A Arthur</i>	Count
Universal CS @ Alcorn	29
Stanton, Edwin M.	23
McDaniel, Delaplaine	13
Childs, George W.	9
Universal CS @ Vare	5

<i>Delaplaine McDaniel</i>	Count
Universal CS @ Alcorn	30
Girard, Stephen	10
Universal CS @ Vare	10
Childs, George W.	6
Mastery CS @ Harry	6

<i>Edwin M Stanton</i>	Count
Childs, George W.	19
McDaniel, Delaplaine	16
Universal CS @ Alcorn	14
Heston, Edward	6
Girard, Stephen	5

<i>Eliza B Kirkbride</i>	Count
Southwark	39
Vare-Washington	20
Fell, D. Newlin	8
Key, Francis Scott	5
McDaniel, Delaplaine	5

<i>George W Childs</i>	Count
McDaniel, Delaplaine	31
Universal CS @ Alcorn	31
Stanton, Edwin M.	24
Girard, Stephen	17
Universal CS @ Vare	15

<i>George W Nebinger</i>	Count
Meredith, William M.	36
Kirkbride, Eliza B.	33
Vare-Washington	26
Taggart, John H.	13
McDaniel, Delaplaine	12

<i>Southwark</i>	Count
Key, Francis Scott	103
Vare-Washington	46
Kirkbride, Eliza B.	44
Fell, D. Newlin	40
Taggart, John H.	29

<i>Vare-Washington</i>	Count
Kirkbride, Eliza B.	27
Southwark	18
Universal CS @ Alcorn	17
Nebinger, George W.	12
Fell, D. Newlin	10

<i>William M Meredith</i>	Count
Nebinger, George W.	11
Bregy, Amedee F.	9
Fell, D. Newlin	7
Sharswood, George	5
Southwark	5

The names in gray refer to the SCHOOLS, not their catchments. These data refer to students transferring INTO these schools from other catchments.

Data Sources: 2019/2020 SIS

Study Area 1 – Transfers Out, Top 5

<i>Andrew Jackson</i>	Count
Christopher Columbus CS	46
Phila Perf Arts CS	40
Independence CS	30
Universal Institute CS	13
Masterman, Julia R. HS	15

<i>Chester A Arthur</i>	Count
Independence CS	20
Greenfield, Albert M.	10
Masterman, Julia R. HS	10
Phila Perf Arts CS	9
FolkArts Cult. Treas. CS	7

<i>Delaplaine McDaniel</i>	Count
Universal Institute CS	83
Universal CS @ Alcorn	63
Phila Perf Arts CS	38
Childs, George W.	31
Mastery CS @ Thomas	31

<i>Edwin M Stanton</i>	Count
Universal Institute CS	39
Childs, George W.	24
Arthur, Chester A.	23
Phila Perf Arts CS	18
Greenfield, Albert M.	13

<i>Eliza B Kirkbride</i>	Count
Southwark	44
Nebinger, George W.	33
Vare-Washington	27
Christopher Columbus CS	26
Phila Perf Arts CS	19

<i>George W Childs</i>	Count
Phila Perf Arts CS	41
Universal Institute CS	39
Christopher Columbus CS	25
Mastery CS @ Thomas	23
Independence CS	21

<i>George W Nebinger</i>	Count
Christopher Columbus CS	34
Independence CS	19
Phila Perf Arts CS	16
Vare-Washington	12
Meredith, William M.	11

<i>Southwark</i>	Count
Mastery CS @ Thomas	98
Phila Perf Arts CS	76
Christopher Columbus CS	44
Kirkbride, Eliza B.	39
Fell, D. Newlin	29

<i>Vare-Washington</i>	Count
Christopher Columbus CS	94
Phila Perf Arts CS	47
Southwark	46
Sharswood, George	34
Nebinger, George W.	26

<i>William M Meredith</i>	Count
Masterman, Julia R. HS	48
Nebinger, George W.	36
GAMP HS	10
Independence CS	7
McCall, Gen. George	2

The names in gray refer to school CATCHMENTS not the schools themselves. These data refer to students transferring OUT OF these school catchments to the schools listed.

Data Sources: 2019/2020 SIS

Facilities, Programs & Utilization

Facilities

Capacity refers to the number of students who can be accommodated in the school and in a manner which allows for appropriate academic instruction. Capacity does not include Pre-K enrollment.

The number of learning spaces was calculated for both primary (K-5) and secondary (6-12) facilities using one of two assignments of class size:

- **30 students per classroom for grades K-3 & 33 students per classroom for grades 4-12, or**
- **Adjusted lower class-size in alignment with the recent reduced class-size initiative which lowers Primary (Grades K-5) to 26.5 per classroom & Secondary (Grades 6-12) to 28 per classroom.**

Facilities

Capacities are then **adjusted to 75% to account for other uses of space** that occur in the school facilities such as (but not always limited to):

- Adjustments for lower class size in Special Education
- Special programs implemented on a local school level
- Creation of space not provided in the original design of facility such as: teacher work spaces, technology/server rooms, etc.

Utilization is defined as the number of students (a.k.a. enrollment) in each school divided by the capacity of that school. Utilization does not include Pre-k enrollment.

Study Area 1 – Facilities and Programs

School	Grades	Programs						Enrollment 2019-2020	Building Capacity	Utilization
		Art	Music	PE	SPED	ELL	DL			
Andrew Jackson	PK-8	Yes	Yes	Yes	Yes	Yes		570	517	110.3%
Chester A Arthur	K-8	Yes	Yes	Yes	Yes			292	417	70.0%
Delaplaine McDaniel	K-8	Yes	Yes	Yes	Yes			358	556	64.4%
Edwin M Stanton	PK-8		Yes	Yes	Yes			306	437	70.0%
Eliza B Kirkbride	PK-8	Yes		Yes	Yes	Yes		534	636	84.0%
George W Childs	PK-8	Yes	Yes	Yes	Yes	Yes		514	755	68.1%
George W Nebinger	PK-8	Yes	Yes	Yes	Yes	Yes		528	517	102.1%
Southwark	PK-8	Yes	Yes	Yes	Yes	Yes	Yes (K-6)	894	815	109.7%
Vare-Washington	K-8	Yes	Yes	Yes	Yes	Yes		374	596	62.8%
William M Meredith	K-8	Yes	Yes	Yes	Yes	Yes		538	477/609*	112.8%/88.3%

*Inclusion of 4 modulars

Study Area 1 - Other Considerations

Gentrification -

“The process by which higher income households displace lower income residents of a neighborhood, changing the essential character and flavor of that neighborhood.”

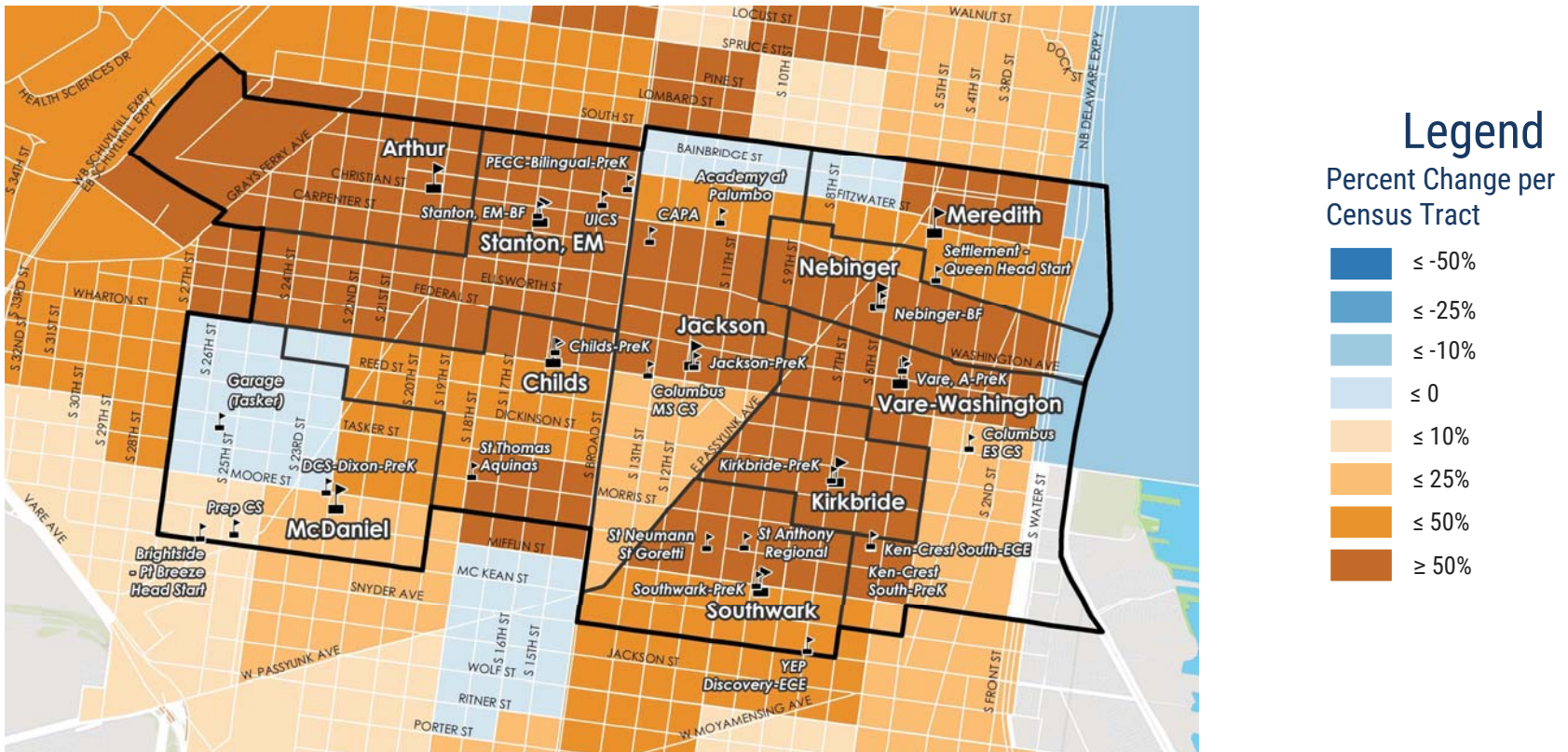
Brookings Institution

Walkability - Safe passage to and from school.

Study Area 1 – Gentrification Explanation

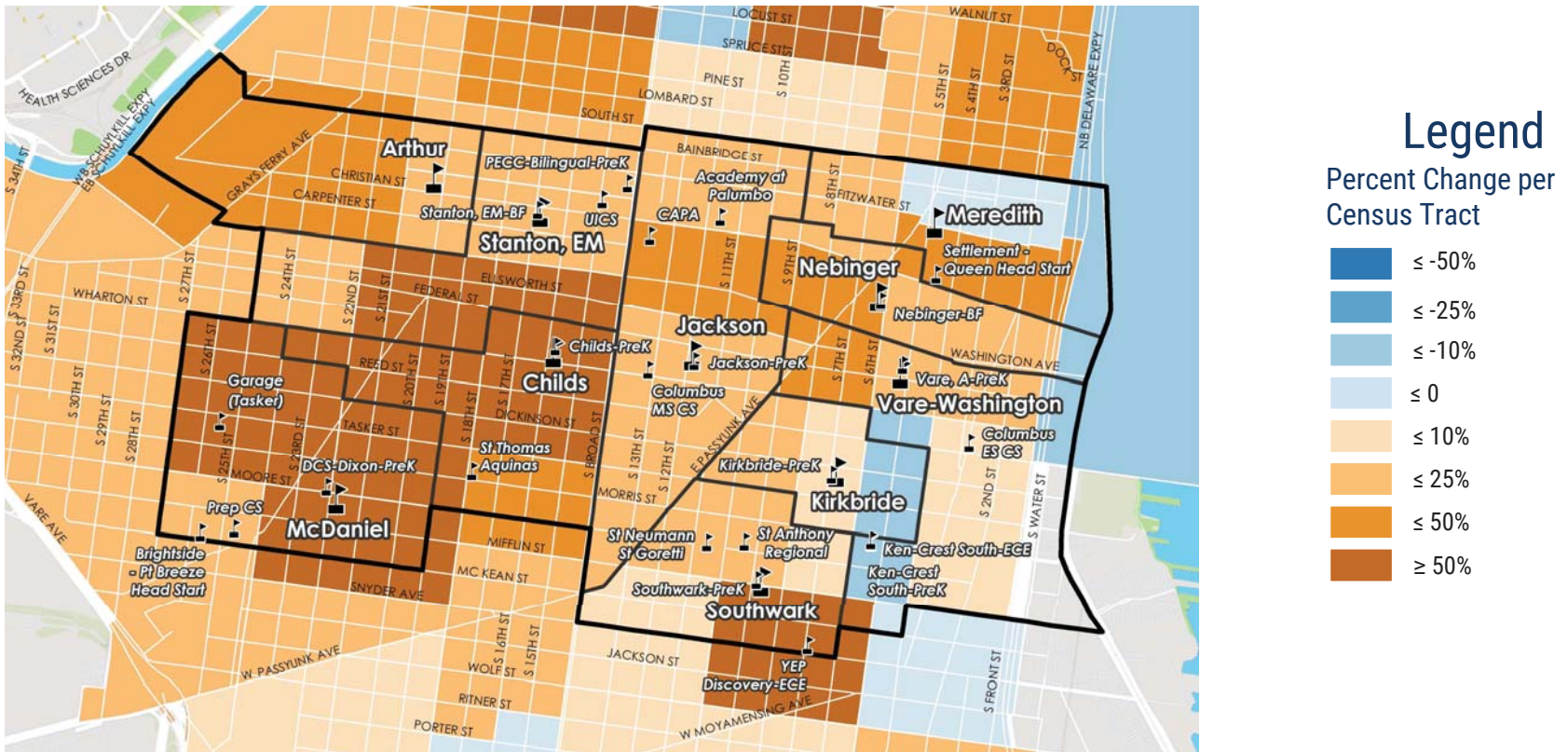
- In order to quantitatively identify census tracts that are “eligible” to gentrification, three factors are assessed, based on a 2019 study by the National Community Reinvestment Coalition:
 - Household income must be below the 40th percentile of the median household income in the City
 - Home value must be below the 40th percentile of the median value in the City
 - Educational attainment correlates to both and is also examined
- Further, these tracts become more susceptible to gentrification if located close to tracts that have recently gentrified.

Study Area 1 – Change in Median Income 2010-17



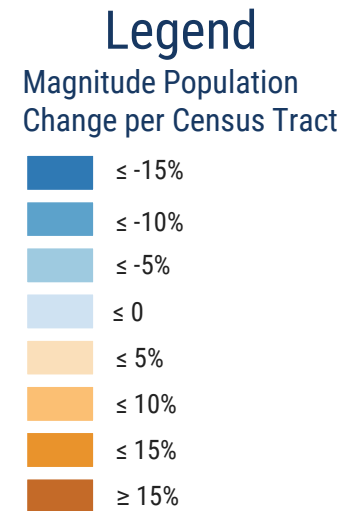
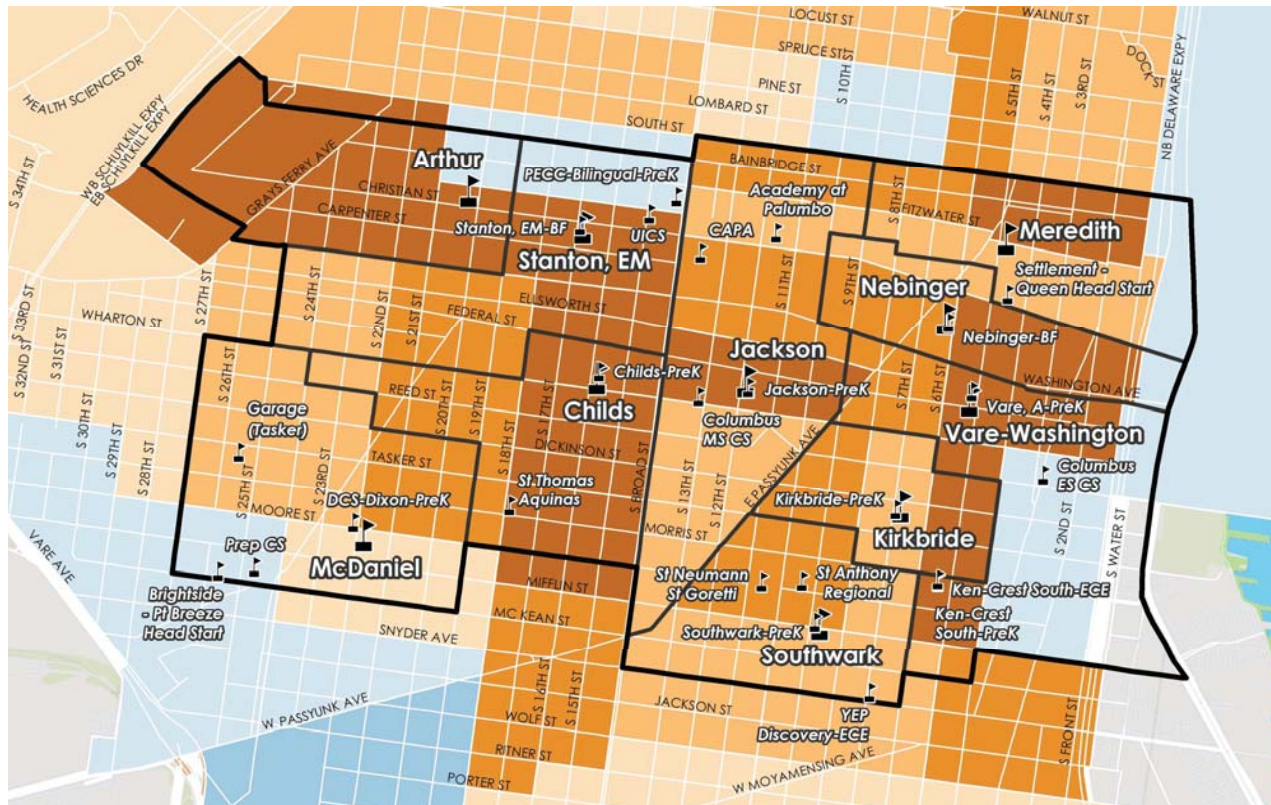
Data source: U.S. Census Bureau.

Study Area 1 – Change in Median Home Value 2010-17



Data source: U.S. Census Bureau.

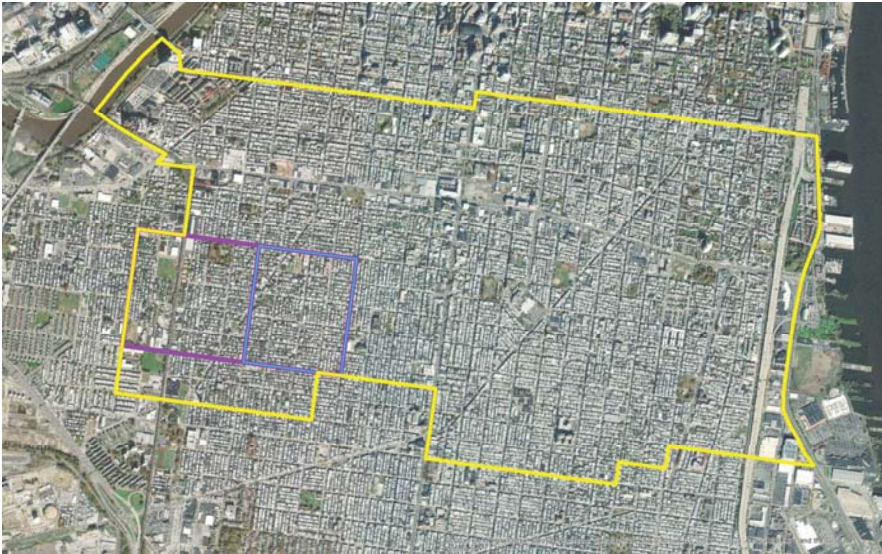
Study Area 1 – Change in Educational Attainment 2010-17



Educational attainment is measured as the percent of the population that holds a bachelor's and/or master's degree.

Data source: U.S. Census Bureau.

Study Area 1 – Gentrification



The blue tract highlighted is “eligible” for gentrification based on this analysis; the purple meets partial criteria

2007



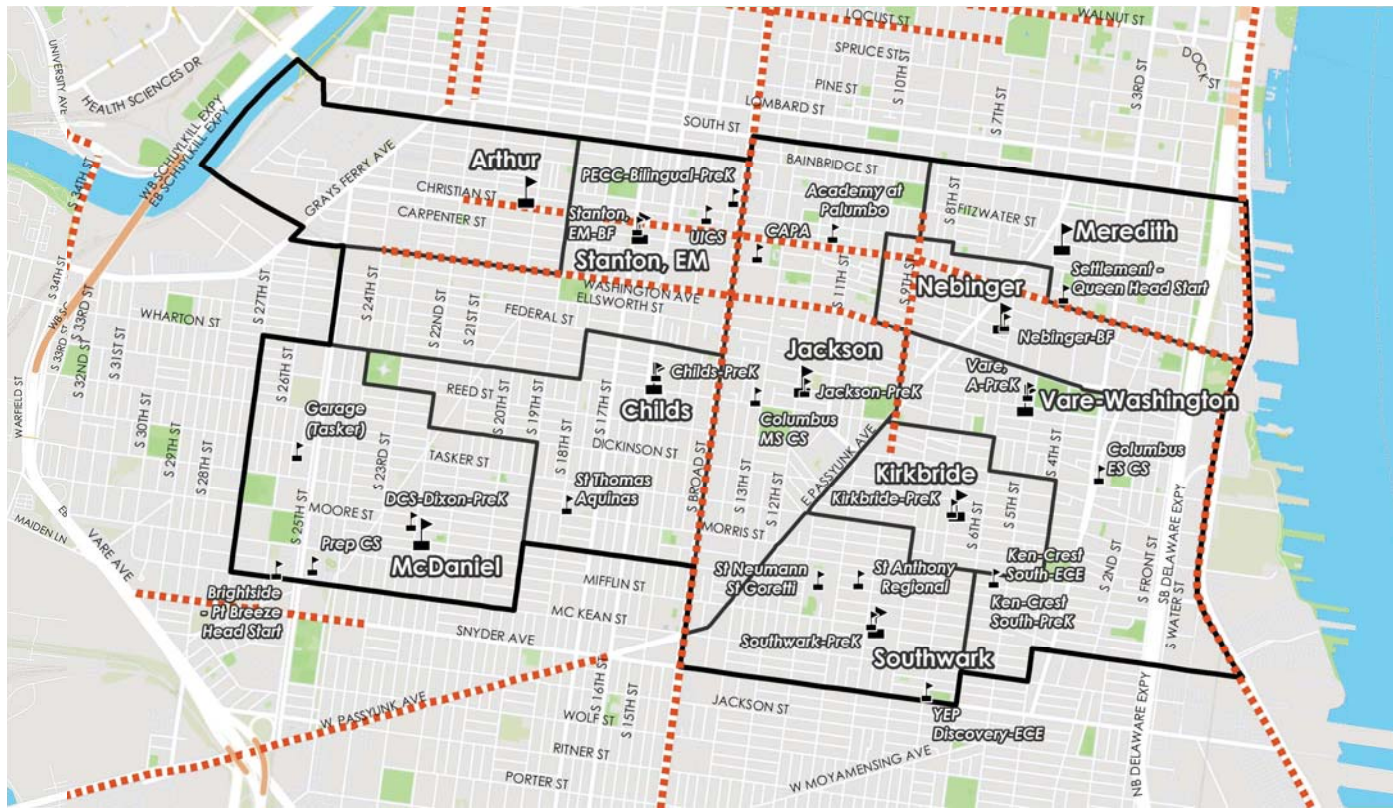
2017



Study Area 1 – Gentrification Summary

- As gentrification has continued to emanate northward and southward from Center City, the northern half of SA1 has already for several years seen increased household incomes, home values, and educational attainment.
- More recently, southwest SA1 (notably, Point Breeze) has begun to experience sharp increases in home value and educational attainment.
- The Point Breeze neighborhood is the most dynamic and emerging area of gentrification in SA1.

Study Area 1 – Walkability



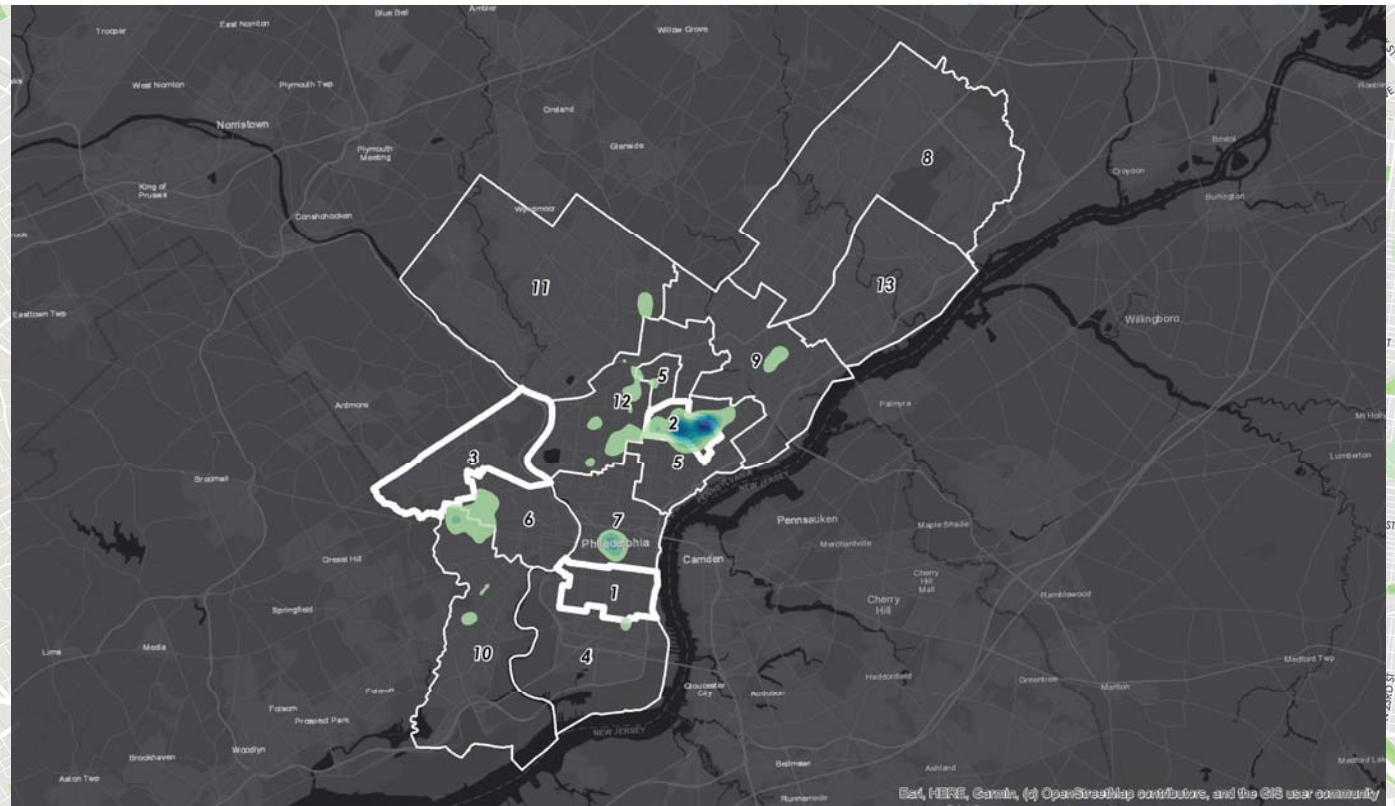
Legend

- - - High Injury Network (2017)

High Injury Network - Corridors with the highest rates of fatalities and severe injuries per mile. It addresses 50% of all traffic deaths and severe injuries on just 12% of Philadelphia streets.

Data Sources: City of Philadelphia Transportation Planners

Study Area 1 – Walkability

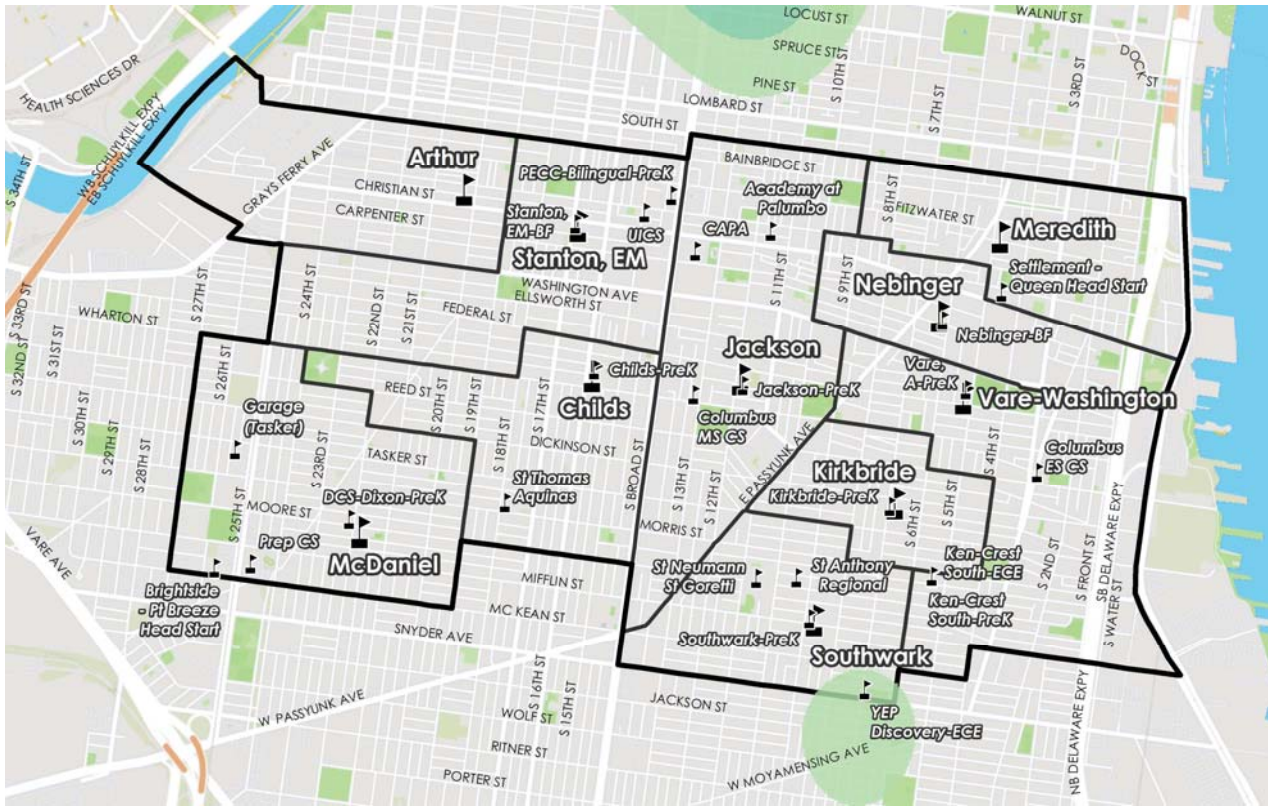


Legend
Incidents per quarter-mile
(2018 - November 2019)

- ≤ 1,709
- ≤ 3,419
- ≤ 5,128
- ≤ 6,838
- ≤ 8,547
- ≤ 10,257
- ≤ 13,676
- ≥ 13,676

Incidents tracked include aggravated assault, homicide, narcotic/drug law violations, offenses against family and children, other sex offenses (not commercialized), prostitution and commercialized vice, rape, weapons violations, and robbery.

Study Area 1 – Walkability

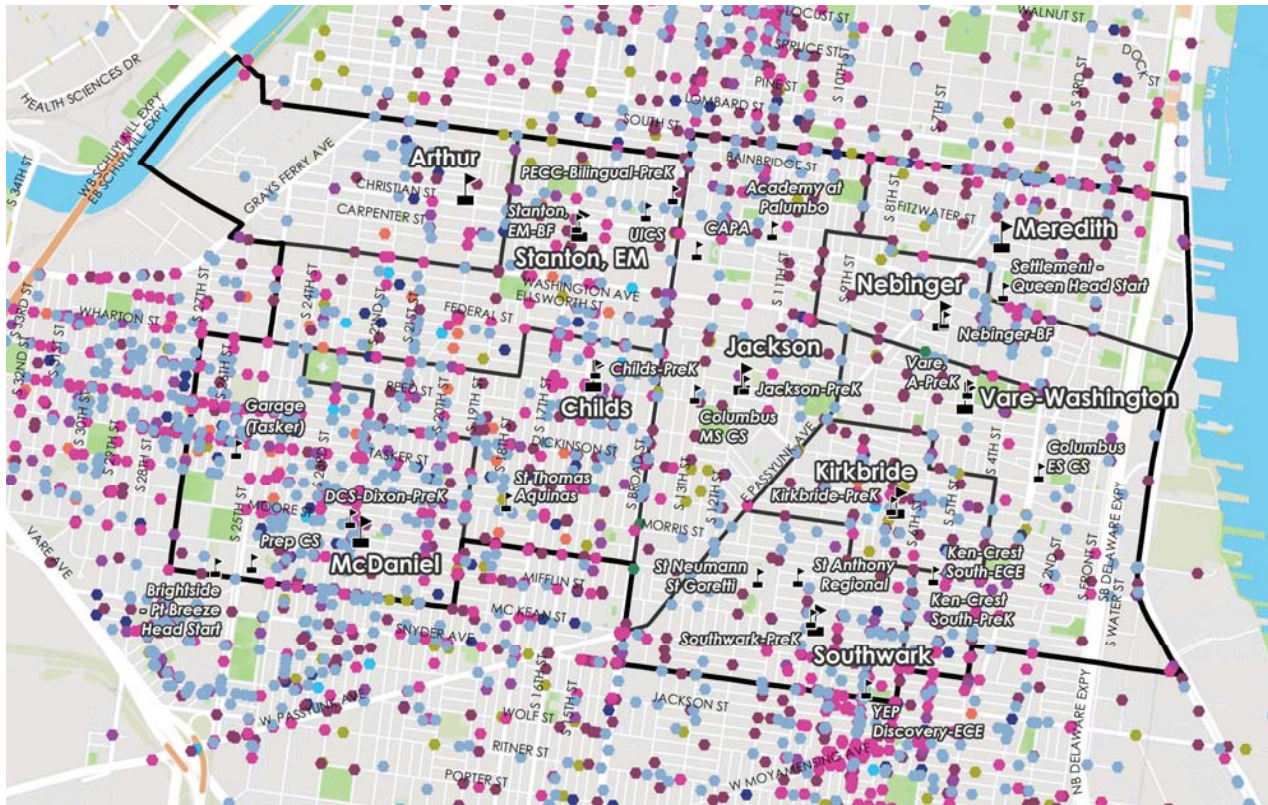


Legend
Incidents per quarter-mile
(2018 - November 2019)

- ≤ 1,709
- ≤ 3,419
- ≤ 5,128
- ≤ 6,838
- ≤ 8,547
- ≤ 10,257
- ≤ 11,966
- ≤ 13,676
- ≥ 13,676

Incidents tracked include aggravated assault, homicide, narcotic/drug law violations, offenses against family and children, other sex offenses (not commercialized), prostitution and commercialized vice, rape, weapons violations, and robbery.

Study Area 1 – Walkability



Legend

Incidents (2018 - November 2019)

- Homicide
- Offenses Against Family and Children
- Other Sex Offenses (Not Commercialized)
- Prostitution and Commercialized Vice
- Rape
- Robbery
- Weapon Violations
- Narcotic/Drug Law Violations
- Aggravated Assault

Incidents tracked include aggravated assault, homicide, narcotic/drug law violations, offenses against family and children, other sex offenses (not commercialized), prostitution and commercialized vice, rape, weapons violations, and robbery.

Data source: Open data philly.