



# Cure Violence Initiative:

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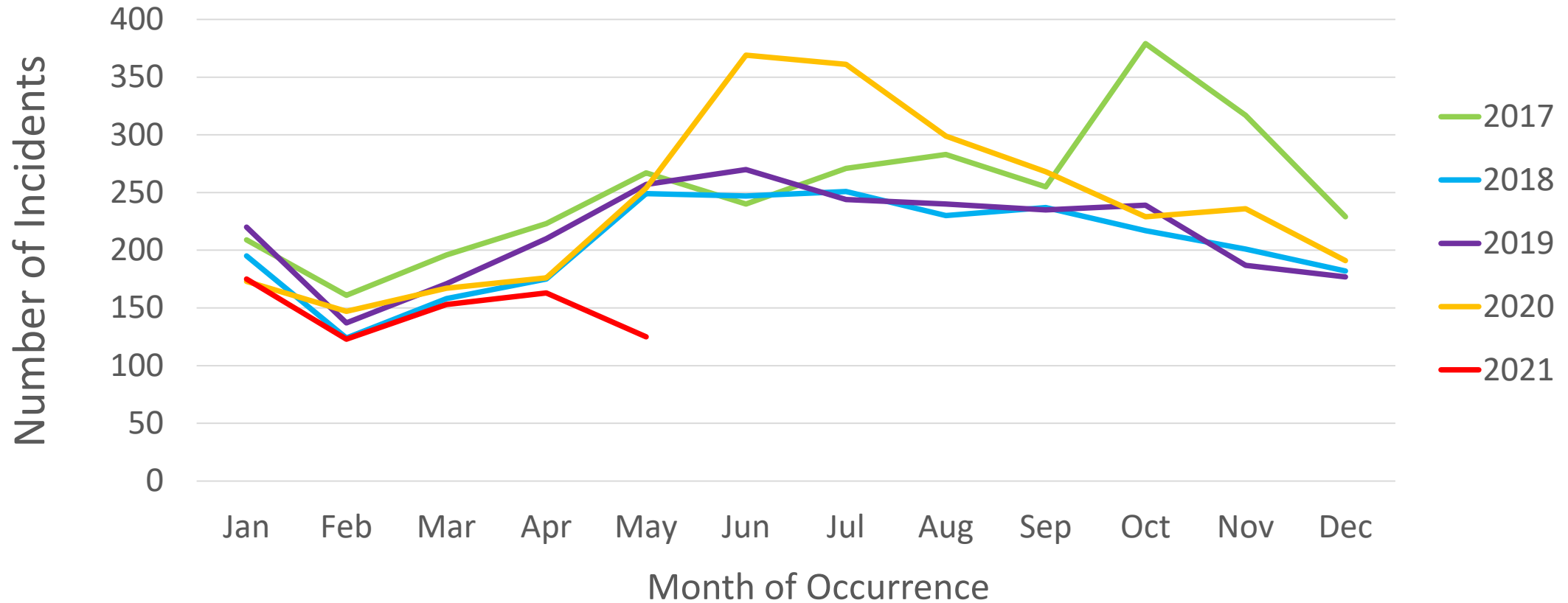
## Gun Violence Incident Data

DATA AS OF: MAY 21, 2021

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## Gun Violence Incidents by Month of Occurrence City of St. Louis, 1/1/2017 to 5/21/2021

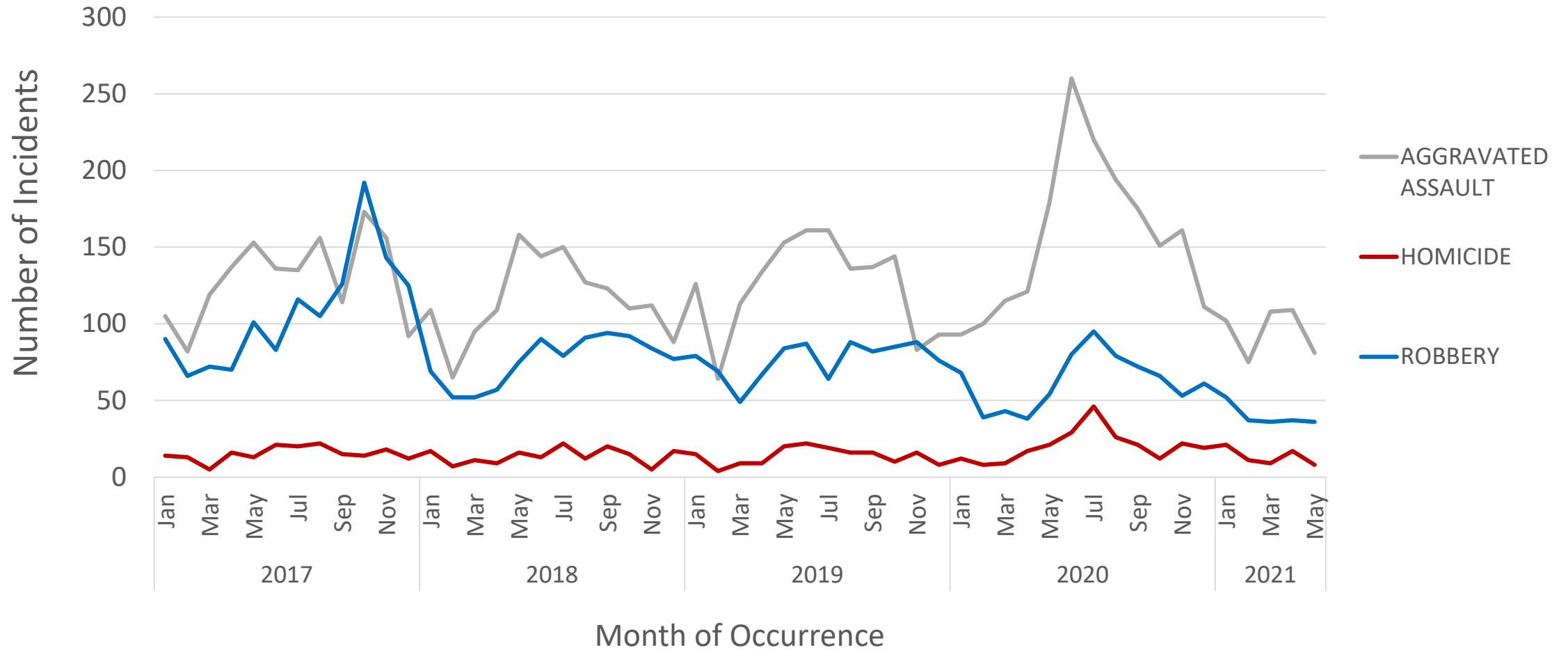


Gun violence incidents definition: Firearm-related Homicide, Aggravated Assault, or Robbery

Data source: St. Louis Metropolitan Police Department (city-wide data)



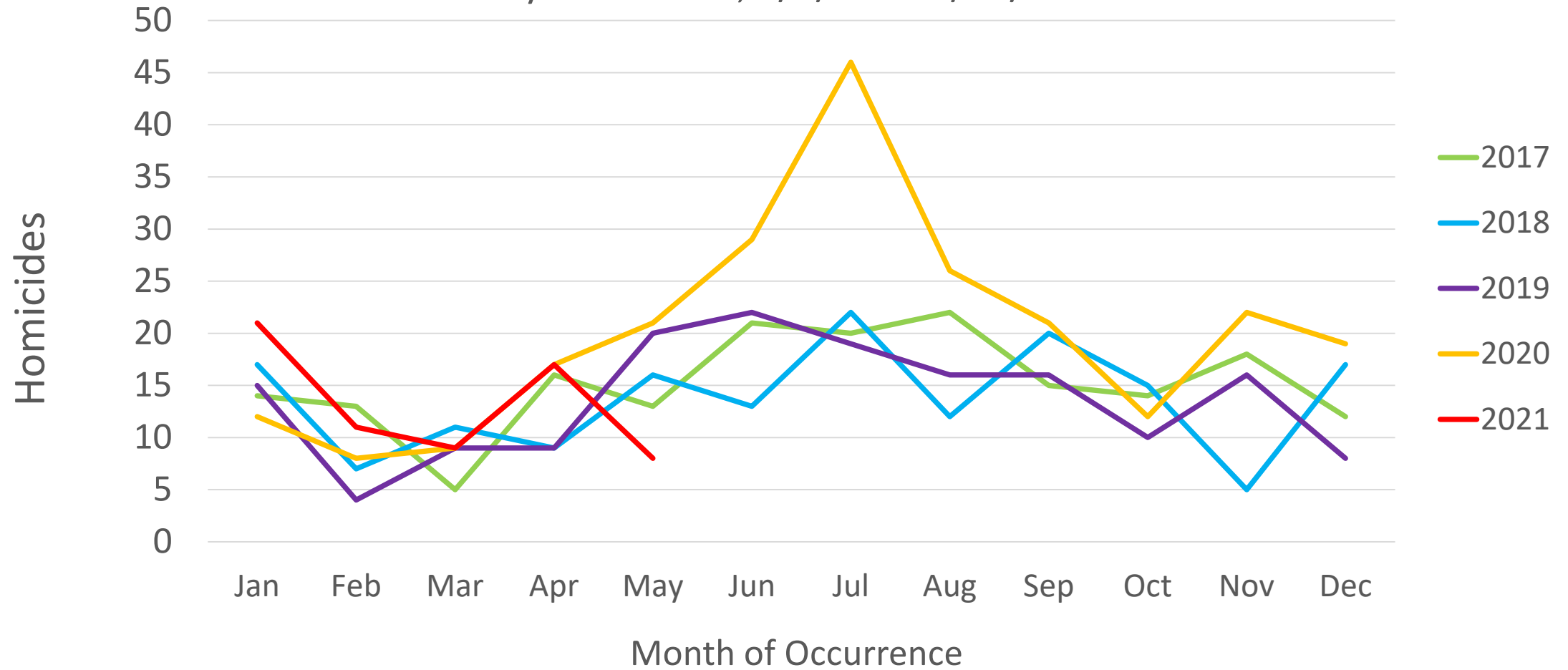
## Gun Violence Incidents by Type City of St. Louis, 1/1/17 to 5/21/21



Data source: St. Louis Metropolitan Police Department (city-wide data)



## Firearm-related Homicide by Month of Occurrence City of St. Louis, 1/1/17 to 5/21/21



Data source: St. Louis Metropolitan Police Department ( city-wide data)



# Cure Violence

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# The Cure Violence Approach

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1. Detecting and interrupting conflicts
2. Identifying and treating the highest risk individuals
3. Changing social norms

# Current Cure Violence Sites

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## ■ Wells Goodfellow/Hamilton Heights (Agency: Employment Connection)

- Official start date: June 1, 2020
- Number of community events to date: 40
- Interruptions to date: 229
- High risk clients to date: 27

## ■ Dutchtown (Agency: Employment Connection)

- Official start date: November 1, 2020
- Number of community events to date: 26
- Interruptions to date: 81
- High risk clients to date: 17

## ■ Walnut Park (Agency: Urban League of Metropolitan St. Louis)

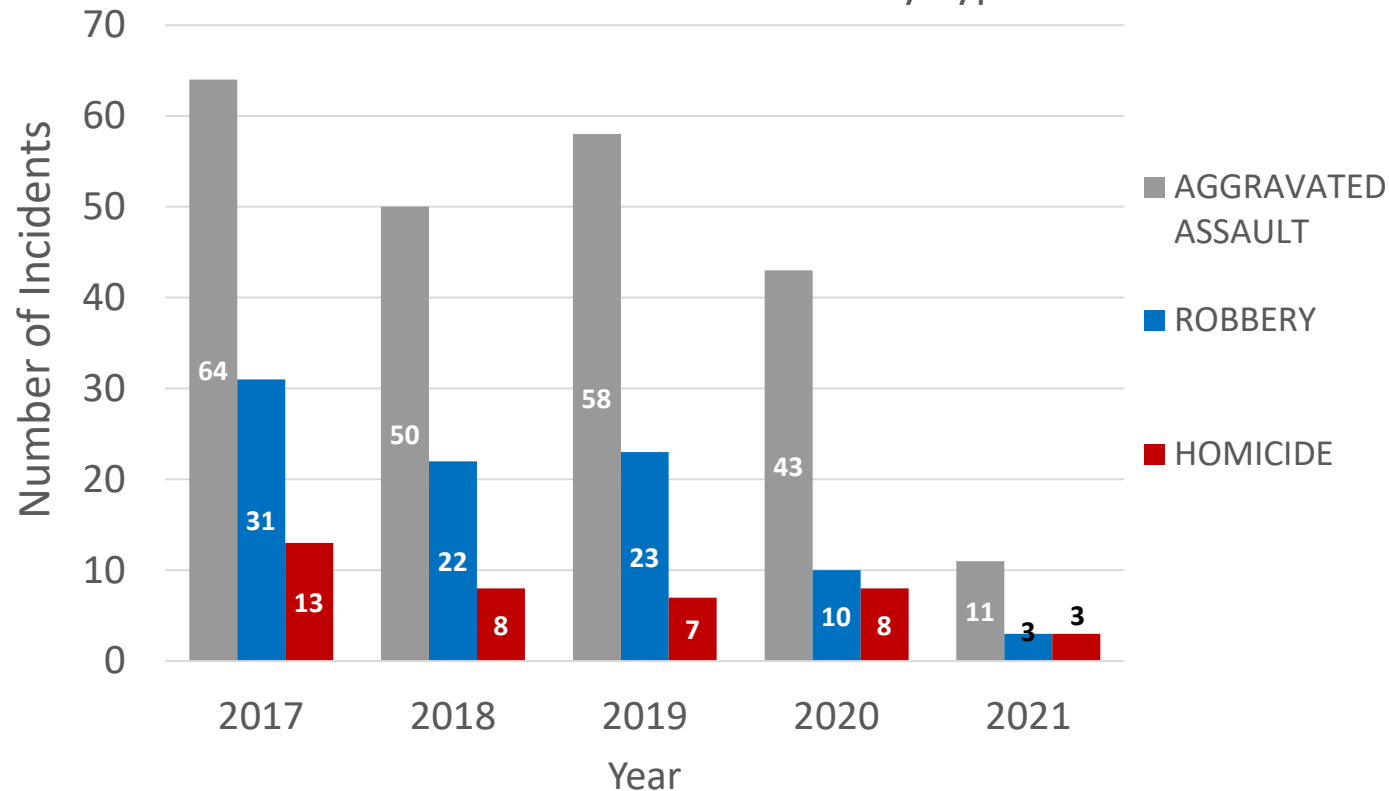
- Official start date: January 1, 2021
- Number of community events to date: 16
- Interruptions to date: 16
- High risk clients to date: 37

\*\*Data reflects information available on May 21, 2021.

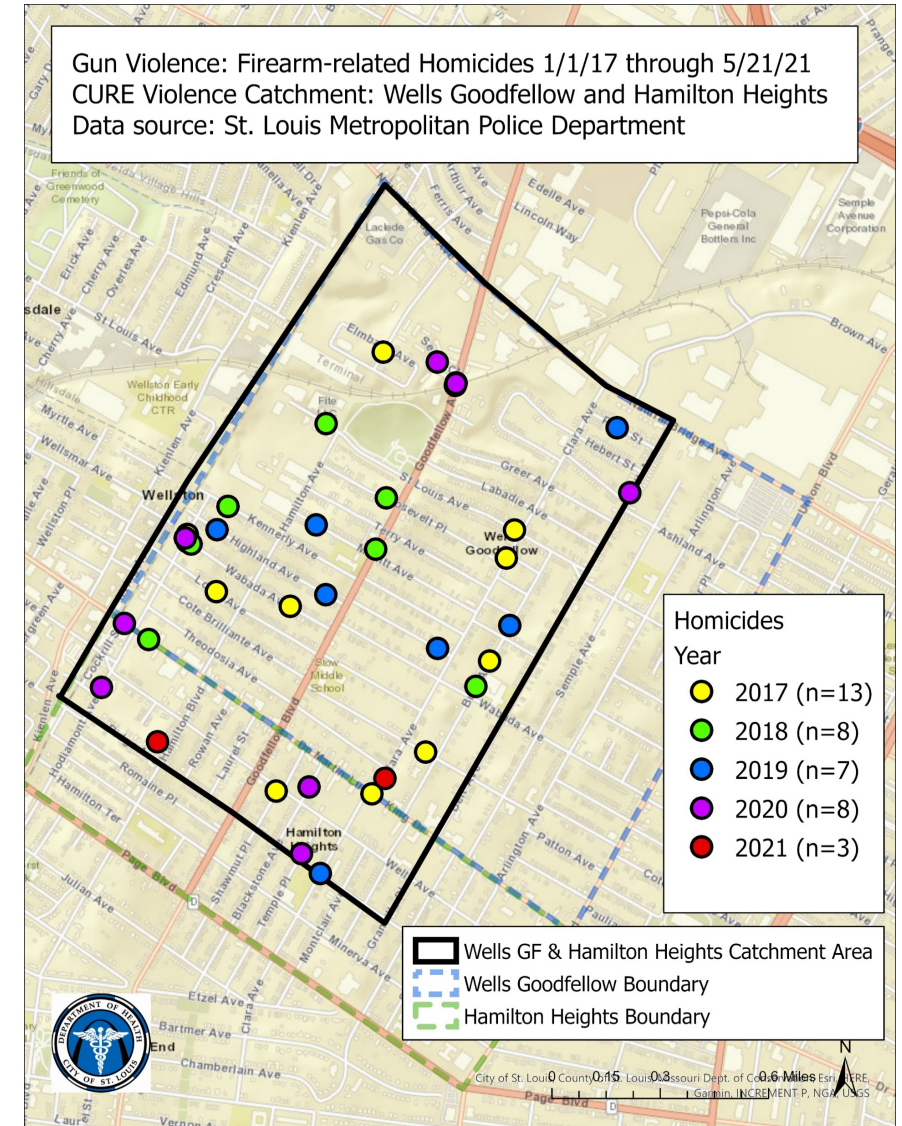


# Wells Goodfellow & Hamilton Heights Catchment Area

Wells Goodfellow & Hamilton Heights Catchment Area:  
Gun Violence Incidents by Type



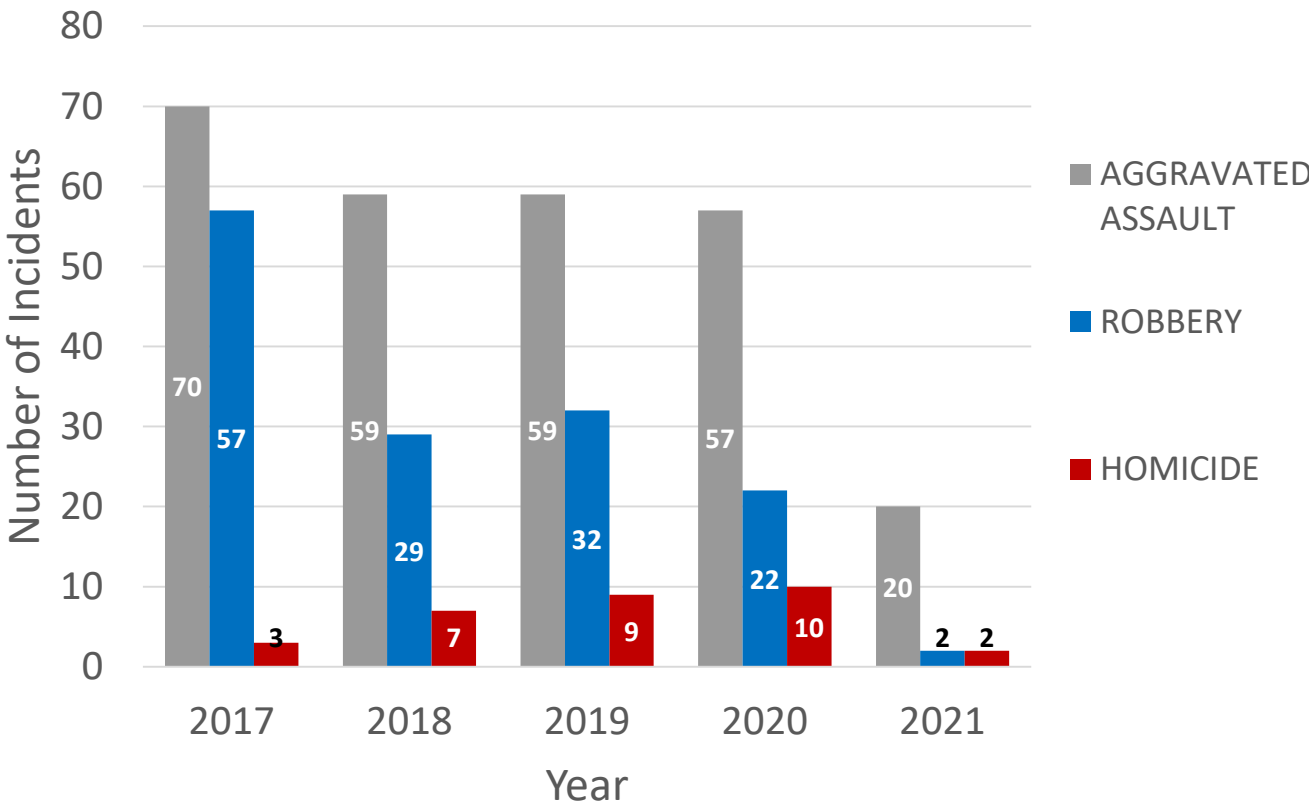
Data reflects the Wells Goodfellow/Hamilton Heights catchment area only.



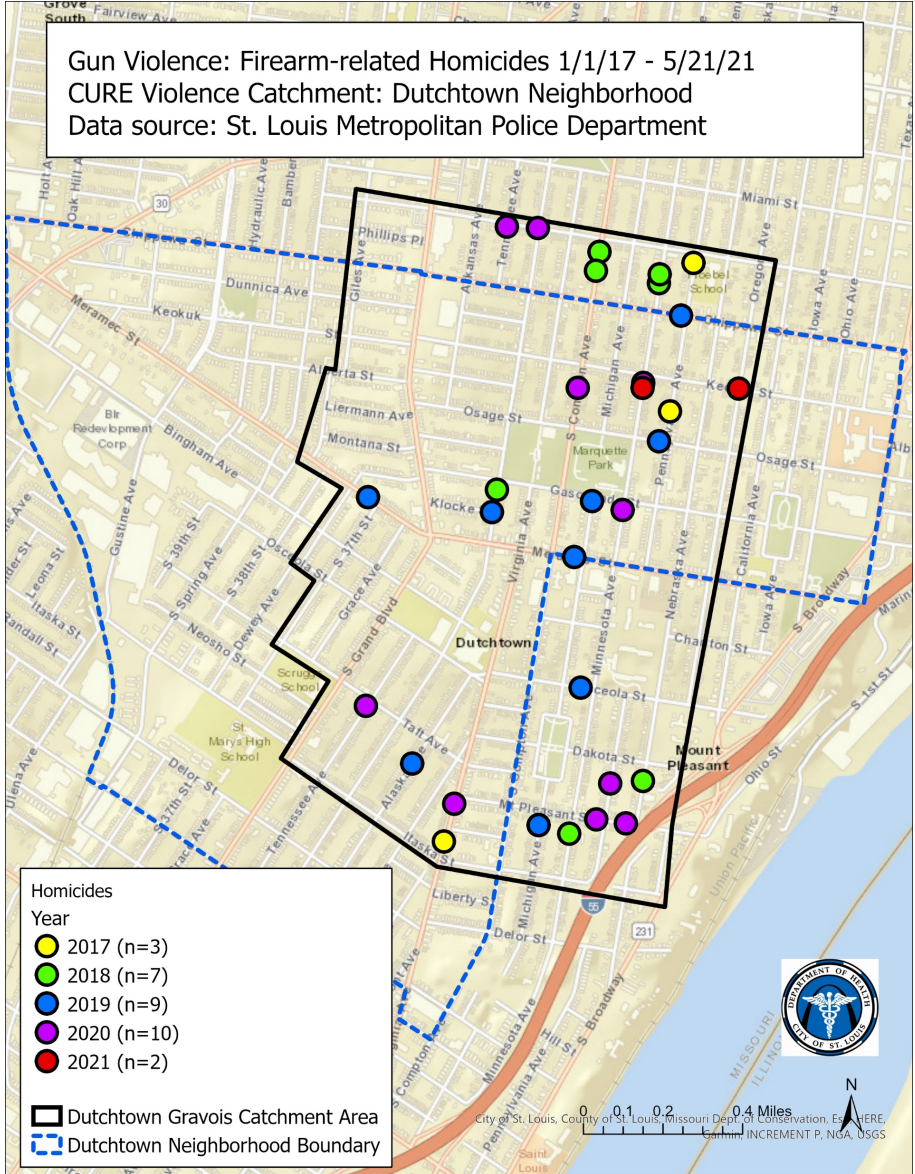


# Dutchtown Gravois Catchment Area

Dutchtown Gravois Catchment Area:  
Gun Violence Incidents by Type



Data reflects the Dutchtown Gravois catchment area only.

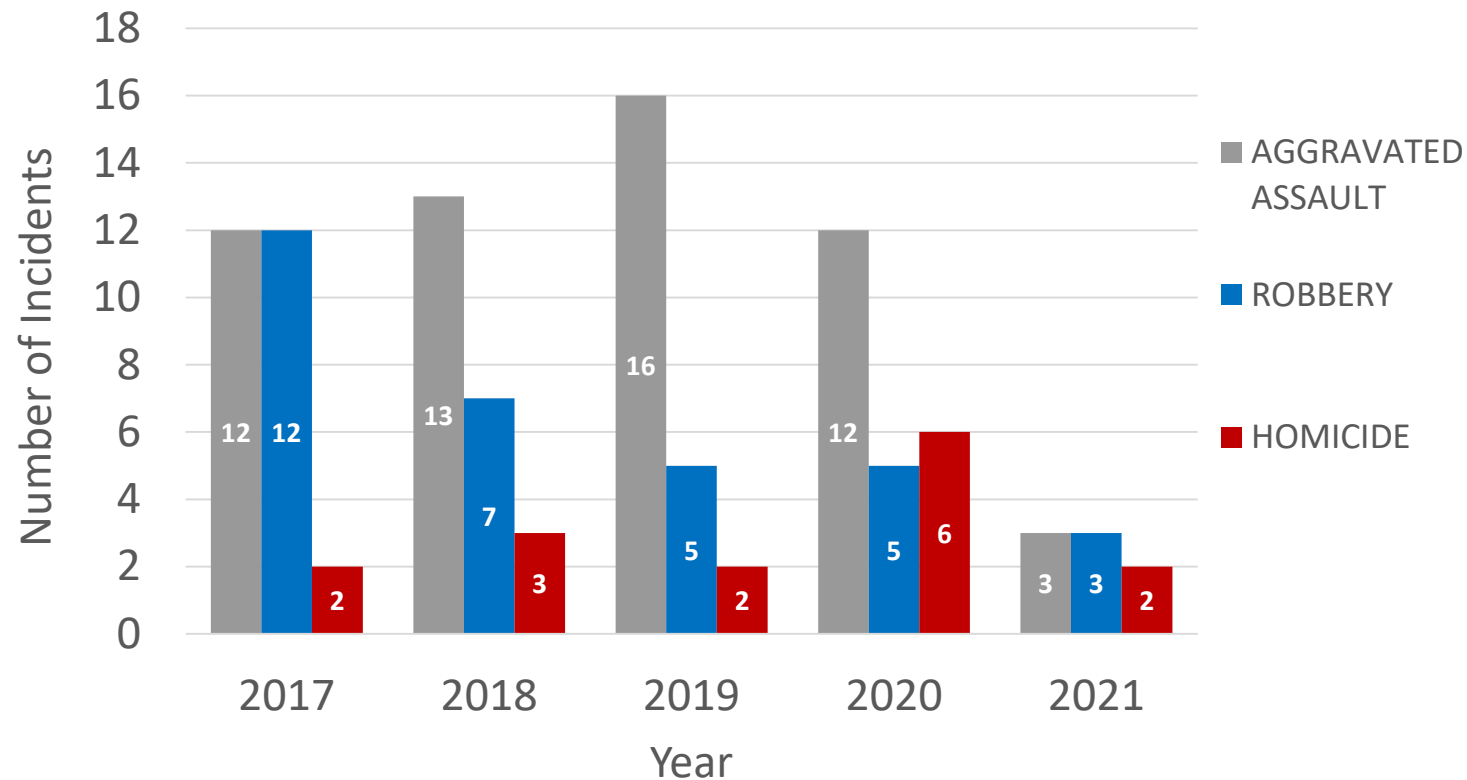




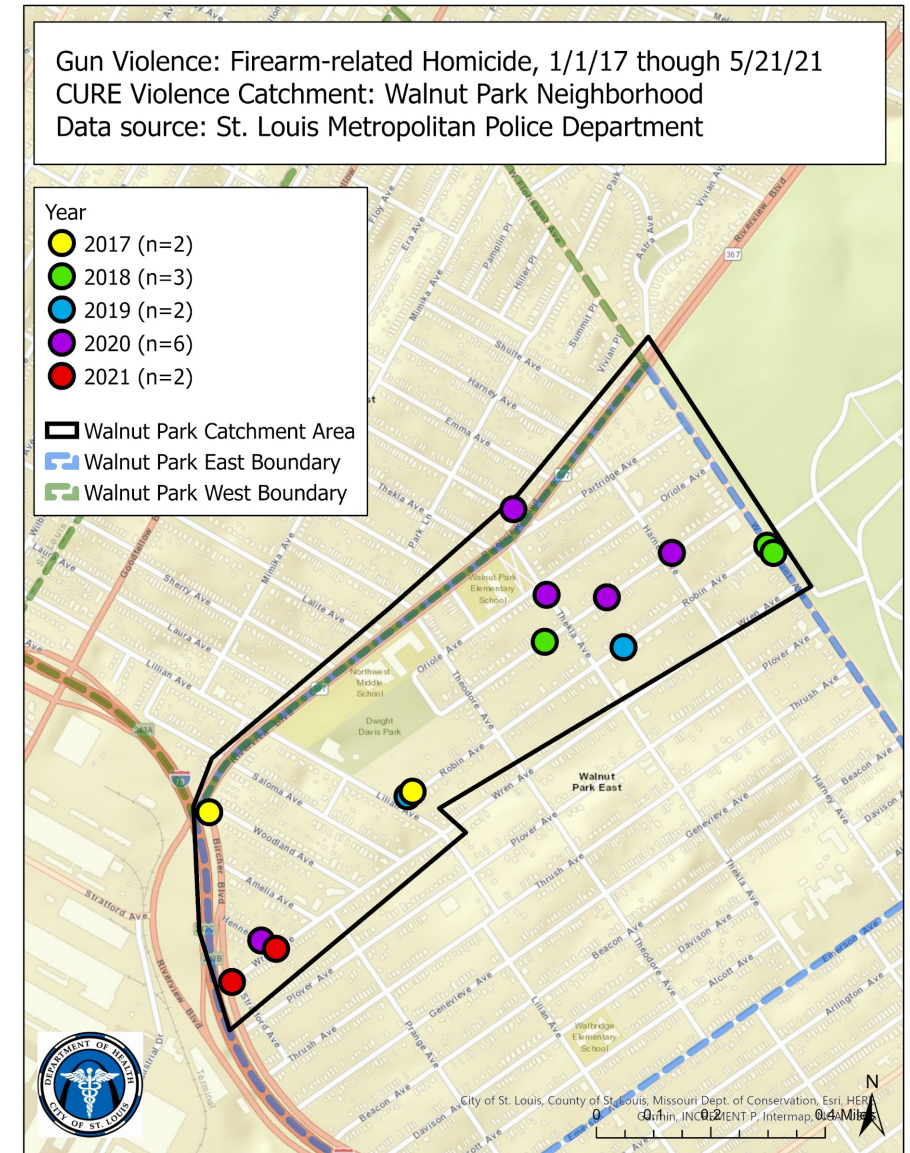


# Walnut Park Catchment Area

Walnut Park Catchment Area:  
Gun Violence Incidents by Type



Data reflects the Walnut Park catchment area only.



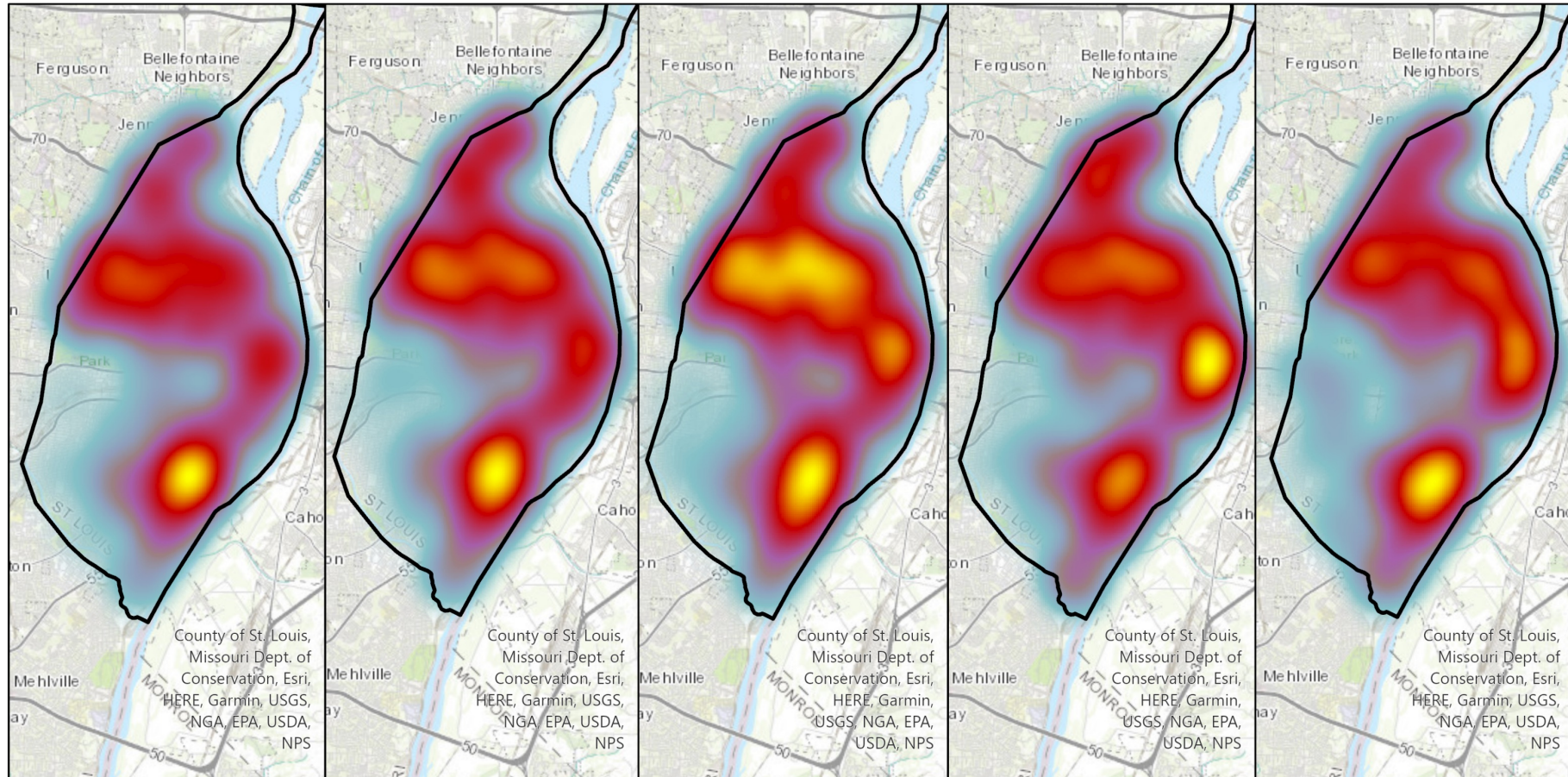
# Density of Gun Violence in the City of St. Louis

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# Density of Gun Violence Incidents in St. Louis City: Firearm-related Homicides, Aggravated Assault and Robbery from 1/1/2017 to 5/21/21



2017  
(n=3030)

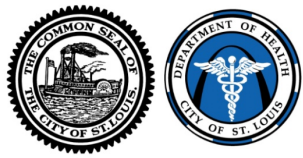
2018  
(n=2466)

2019  
(n=2587)

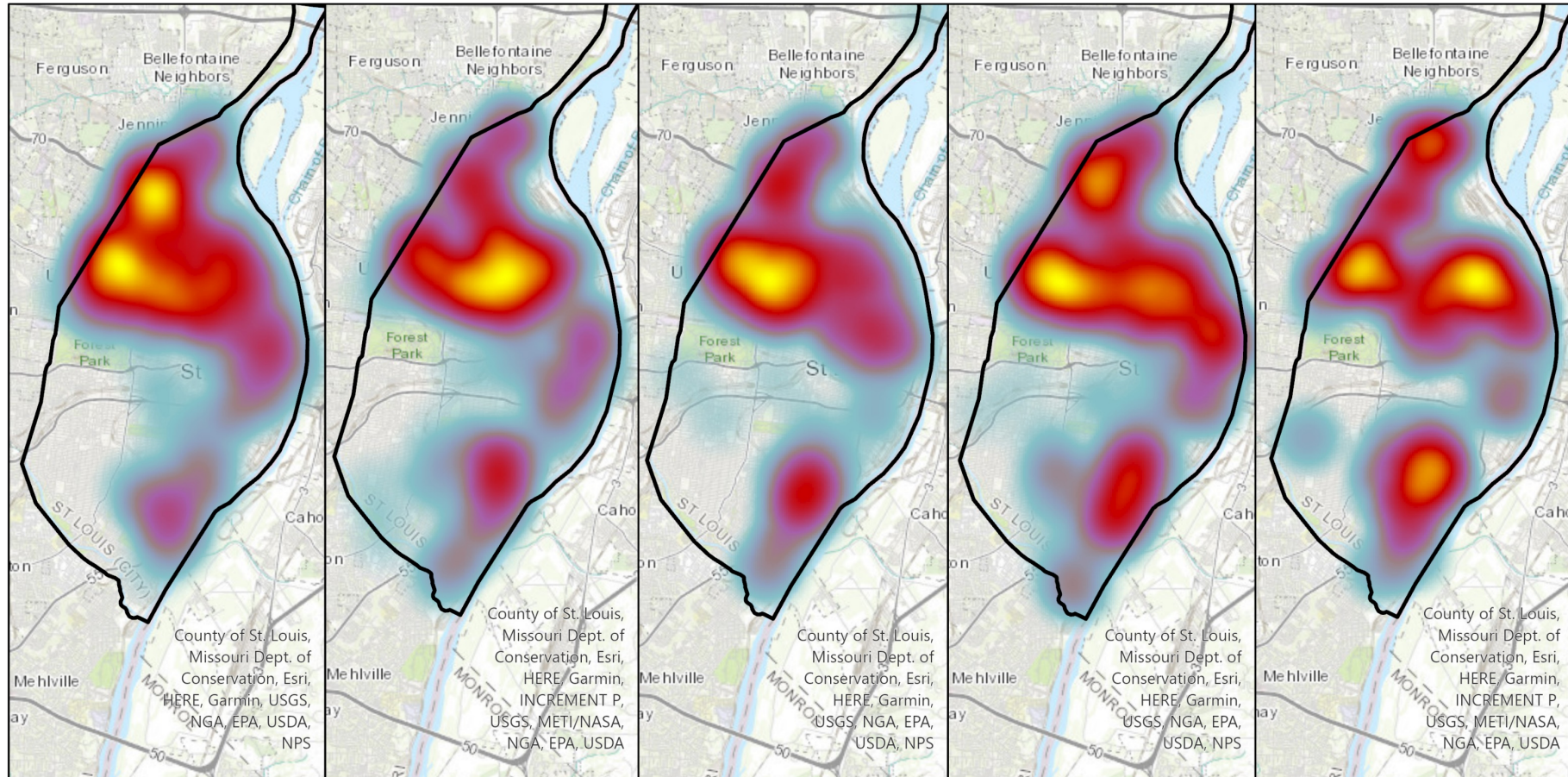
2020  
(n=2870)

YTD 2021  
as of 5/21/21  
(n=739)





# Density of Gun Violence Incidents in St. Louis City: Firearm-related Homicides from 1/1/2017 to 5/21/21



2017  
(n=183)

2018  
(n=164)

2019  
(n=164)

2020  
(n=242)

YTD 2021  
as of 5/21/21  
(n=66)



# Hot Spot Analysis of Gun Violence Incidents 1/1/2017 to 5/21/2021, City of St. Louis Data Source: St. Louis Metropolitan Police Department

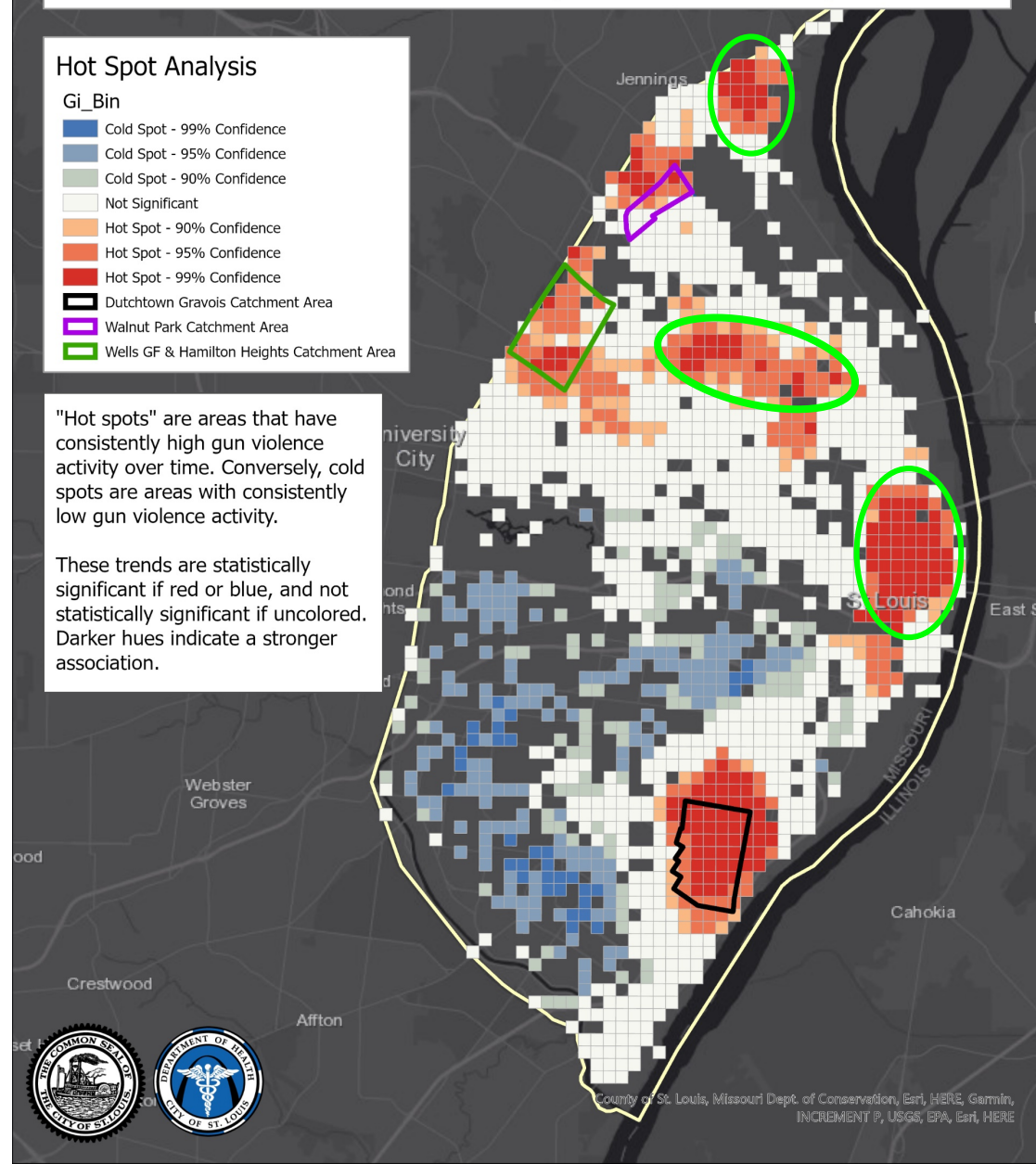
## Hot Spot Analysis

### Gi\_Bin

- Cold Spot - 99% Confidence
- Cold Spot - 95% Confidence
- Cold Spot - 90% Confidence
- Not Significant
- Hot Spot - 90% Confidence
- Hot Spot - 95% Confidence
- Hot Spot - 99% Confidence
- Dutchtown Gravois Catchment Area
- Walnut Park Catchment Area
- Wells GF & Hamilton Heights Catchment Area

"Hot spots" are areas that have consistently high gun violence activity over time. Conversely, cold spots are areas with consistently low gun violence activity.

These trends are statistically significant if red or blue, and not statistically significant if uncolored. Darker hues indicate a stronger association.



County of St. Louis, Missouri Dept. of Conservation, Eri, HERE, Garmin, INCREMENT P, USGS, EPA, Eri, HERE



## Violence Hot Spot Analysis

In addition to the well-placed Cure Violence Catchment Areas, there appear to be a few other areas of interest where gun violence has been persistent over the last 4+ years.

Additional neighborhoods that have significantly high levels of violent incidents involving firearms are highlighted in light green circles, and include from top to bottom:

- Baden
- The Ville/Greater Ville
- Downtown/Carr Square/Columbus Square





# Information

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For more information on the Cure Violence program, please contact the City of St. Louis Department of Health at [Health@stlouis-mo.gov](mailto:Health@stlouis-mo.gov).