

# CONTRA COSTA COUNTY

# GUN VIOLENCE ASSESSMENT

Gun Violence Assessment of  
Fatal and Non-Fatal Shootings  
January 1, 2021 - December 31, 2022

Contra Costa County: Antioch, Bay Point, Pittsburg, and Richmond, CA

SEPTEMBER 2023

**NICJR** ★  
National Institute for  
Criminal Justice Reform

## Introduction

To better understand the nature of gun violence within Contra Costa County, the National Institute for Criminal Justice Reform (NICJR) assessed publicly available data sources to develop a report on fatal and non-fatal shooting incidents that took place between January 1, 2021 and December 31, 2022, specifically in the cities of Antioch, Bay Point, Pittsburg, and Richmond, California. NICJR focused on these locations because they experienced gun violence at a higher rate than elsewhere in the county. Between 2021 and 2022, Richmond reported 36 homicides,<sup>1</sup> Antioch reported 21,<sup>2</sup> Pittsburg reported seven,<sup>3</sup> and Bay Point reported three.<sup>4</sup>

Using publicly available data sources, NICJR was able to collect information on 55 fatal and 95 non-fatal shooting incidents that took place in either Antioch, Bay Point, Pittsburg, or Richmond. Though the data are imperfect, they nonetheless provide valuable information about violence within the county.<sup>5</sup>



# Methods

This report uses publicly available data to characterize the individuals and patterns of gun violence within Contra Costa County, specifically in the cities of Antioch, Bay Point, Pittsburg, and Richmond, over a 24-month period. NICJR obtained data from the Gun Violence Archive,<sup>6</sup> National Gun Violence Memorial,<sup>7</sup> Bay Area Homicide Map,<sup>8</sup> and other online case management record systems.

The Gun Violence Archive, NICJR's main source for data, uses automated queries to compile relevant information from over 7,500 sources, including local and state police and government agencies, media, and other sources. Data for each incident are verified through an initial research and secondary verification process.<sup>9</sup> The National Gun Violence Memorial serves as a secondary data source to provide supplemental identifying information regarding the incidents obtained from the Gun Violence Archive.

NICJR used data from the Gun Violence Archive and 2021 & 2022 Bay Area Homicide Maps to calculate the total number of homicides committed by gun for each city within Contra Costa County. Antioch, Bay Point, Pittsburg, and Richmond were chosen for analysis in this report based on these calculations.

As a part of data collection and analysis, NICJR checked all data for duplicates and missing information and aggregated age data for each victim and suspect into age ranges of 0–17 years, 18–34 years, and 35+ years.

## Data Limitations

Detailed information for all 55 fatal and 95 non-fatal shootings was not available. Identifying information is often unavailable for a variety of reasons, including the victim's right to confidentiality and lack of an identified suspect. Despite the scarcity of some information, NICJR diligently searched multiple sources and has provided the most comprehensive data available. The information that is available still provides a meaningful data sample.

**Table 1.** Number of Gun Violence Victims and Suspects with Available Demographic Information

| Data available | Fatal shooting victims | Fatal shooting suspects | Non-fatal shooting victims | Non-fatal shooting suspects |
|----------------|------------------------|-------------------------|----------------------------|-----------------------------|
| Age            | 53                     | 24                      | 34                         | 28                          |
| Race           | 42                     | 5                       | 0                          | 6                           |
| Gender         | 54                     | 23                      | 72                         | 28                          |

## Key Findings

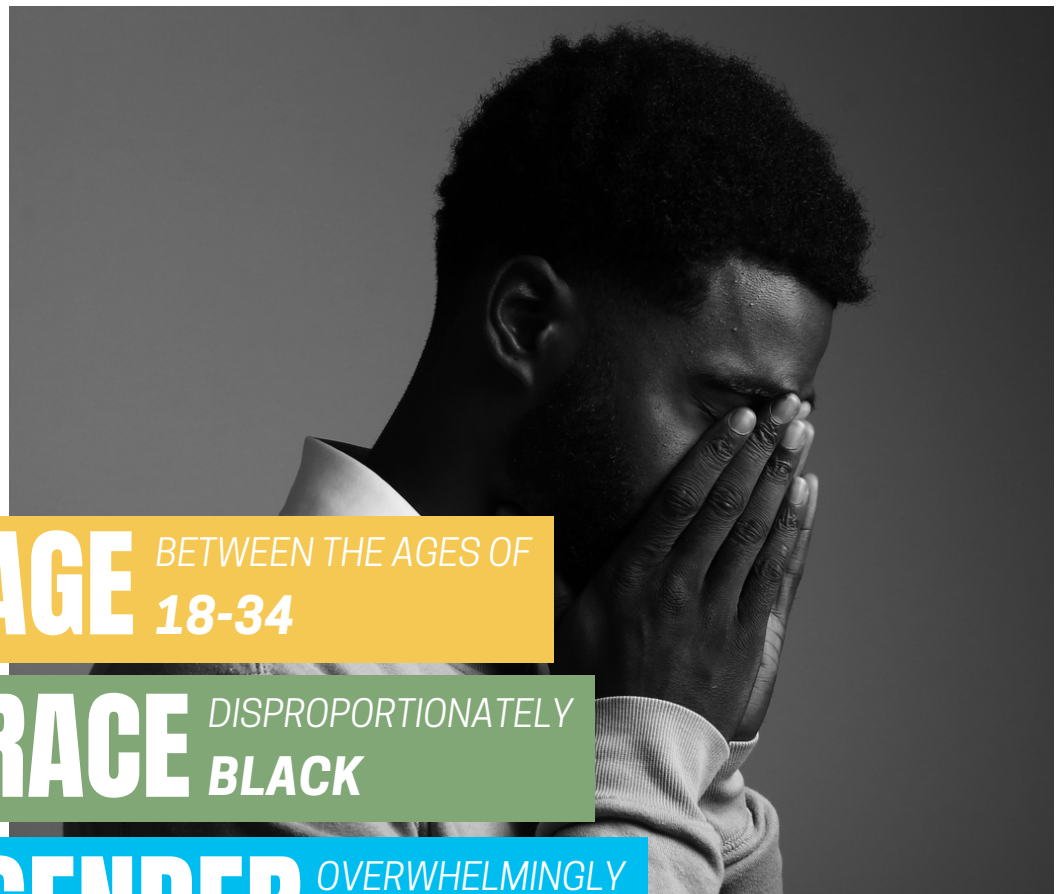
Unless specified otherwise, the following tables and figures present combined findings for Antioch, Bay Point, Pittsburg, and Richmond. Information presented in the maps and graphs that follow is separated by city.

Based on publicly available demographic information, in 2021–2022, 77% of those involved in shootings in Antioch, Bay Point, Pittsburg, and Richmond were Black, 21% were Latino, and 2% were classified as other. Largely, victims and suspects of gun violence were Black males between the ages of 18–34.<sup>10</sup>



OF VICTIMS  
AND SUSPECTS  
OF GUN VIOLENCE WERE

**BLACK**



**AGE** BETWEEN THE AGES OF  
**18-34**

**RACE** DISPROPORTIONATELY  
**BLACK**

**GENDER** OVERWHELMINGLY  
**MALE**

# The majority of gun violence victims and suspects are **between the ages of 18-34.**

Figure 1. Average Age of Victims and Suspects of Gun Violence

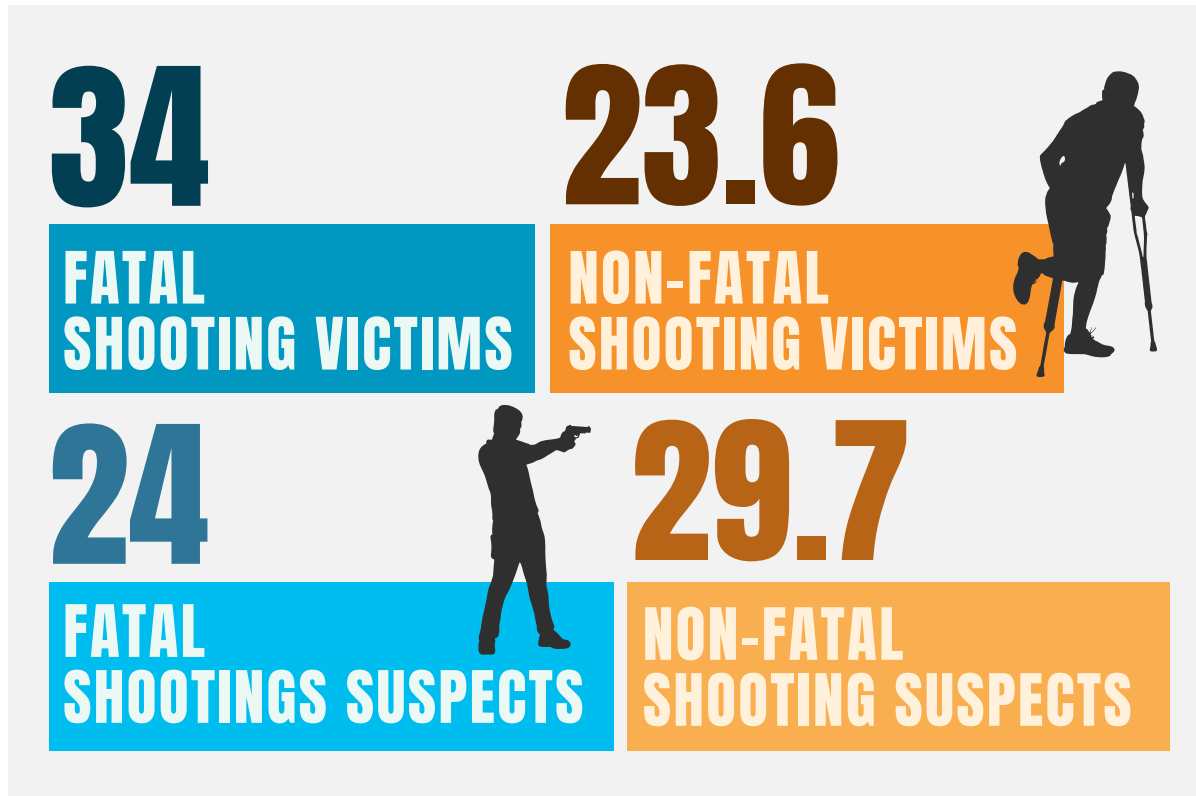


Table 2. Age Distribution of Victims and Suspects of Gun Violence

| Age      | Fatal shooting victims |       | Fatal shooting suspects |       | Non-fatal shooting victims |       | Non-fatal shooting suspects |       |
|----------|------------------------|-------|-------------------------|-------|----------------------------|-------|-----------------------------|-------|
|          | #                      | %     | #                       | %     | #                          | %     | #                           | %     |
| Under 18 | 6                      | 11.3% | 5                       | 20.8% | 6                          | 17.6% | 5                           | 17.9% |
| 18-34    | 24                     | 45.3% | 12                      | 50%   | 17                         | 50%   | 17                          | 60.7% |
| 35+      | 23                     | 43.4% | 7                       | 29.2% | 11                         | 33.4% | 6                           | 21.4% |
| Total    | 53                     | 100%  | 24                      | 100%  | 34                         | 100%  | 28                          | 100%  |

# The majority of gun violence victims and suspects are **Black**.

Figure 2. Racial Demographics of Victims and Suspects of Gun Violence

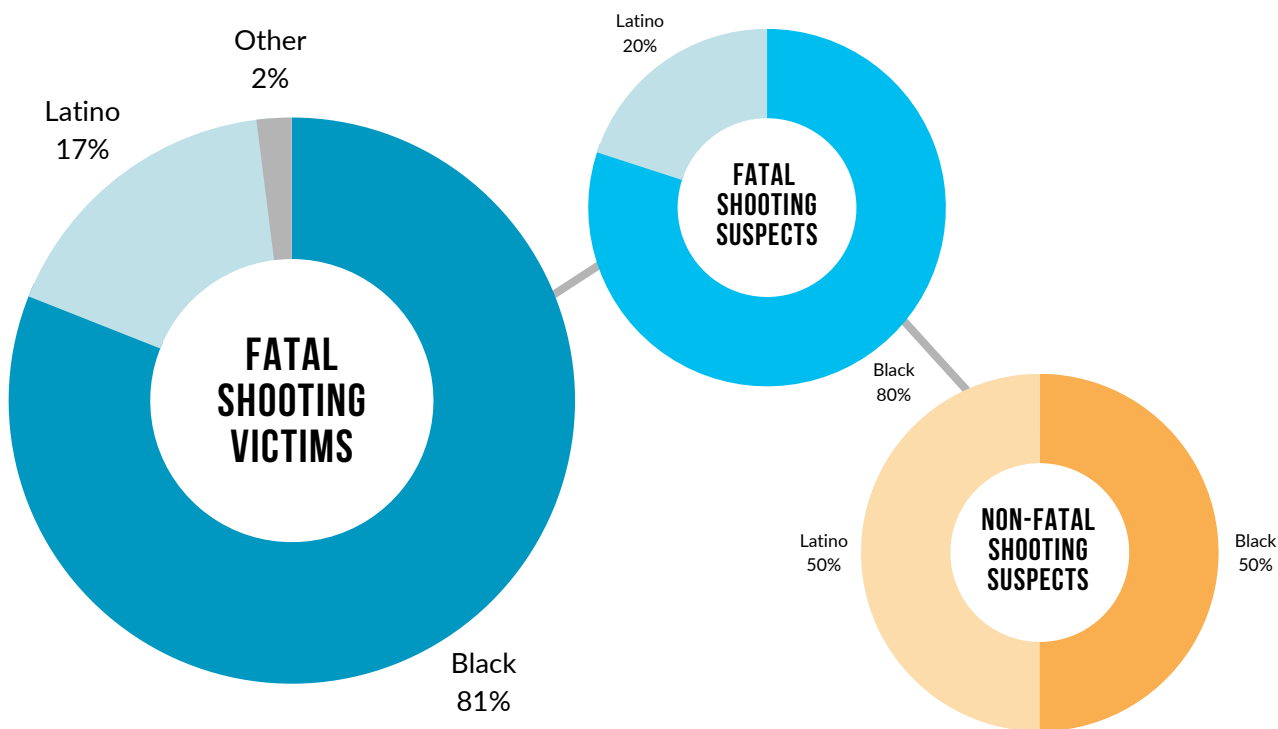
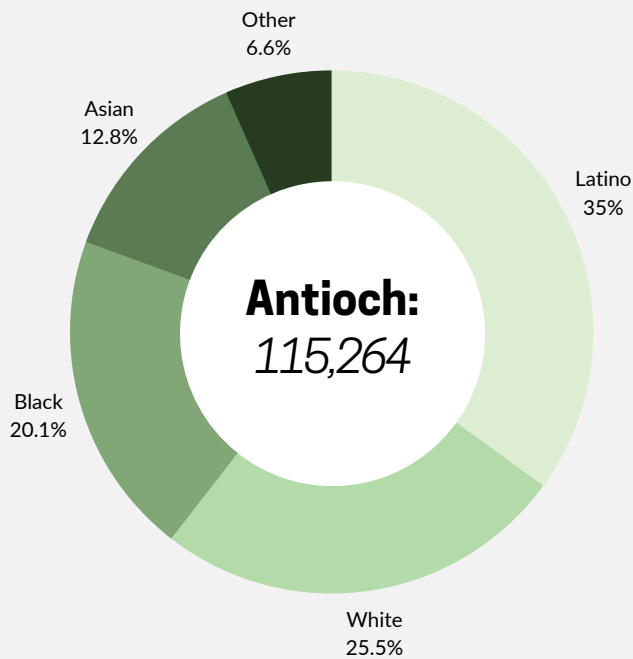


Table 3. Race/Ethnicity of Victims and Suspects of Gun Violence

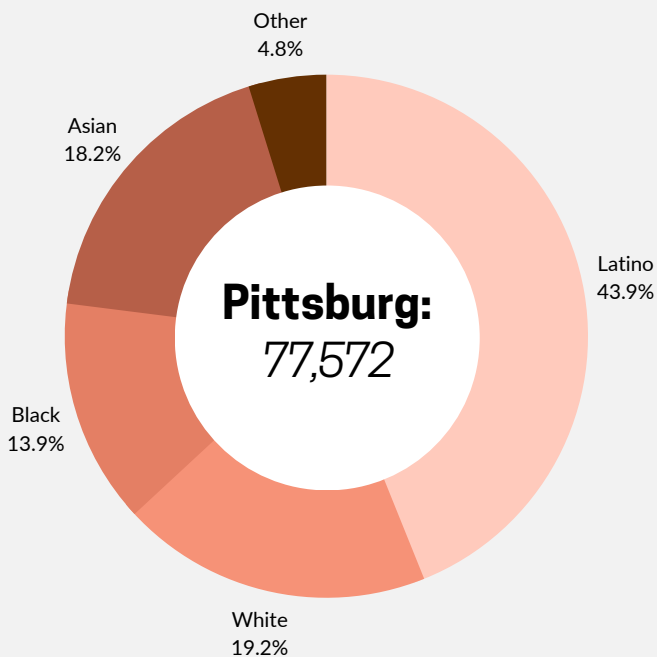
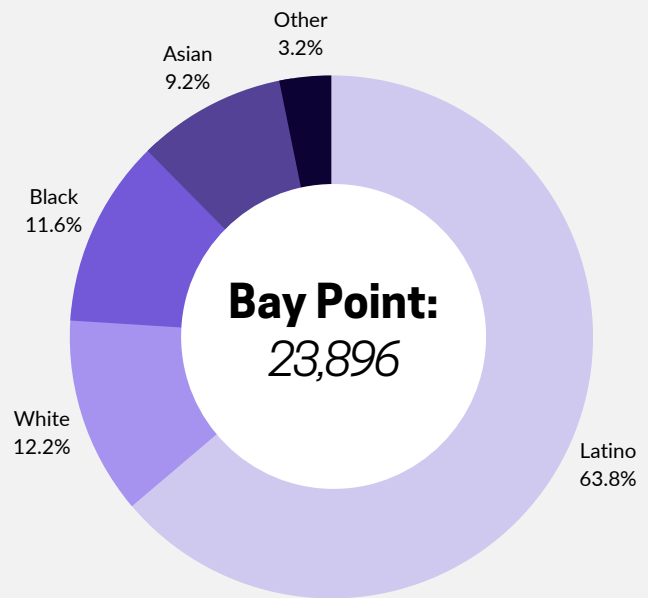
| Race         | Fatal shooting victims |             | Fatal shooting suspects |             | Non-fatal shooting victims |          | Non-fatal shooting suspects |             |
|--------------|------------------------|-------------|-------------------------|-------------|----------------------------|----------|-----------------------------|-------------|
|              | #                      | %           | #                       | %           | #                          | %        | #                           | %           |
| Black        | 34                     | 81%         | 4                       | 80%         | -                          | -        | 3                           | 50%         |
| Latino       | 7                      | 17%         | 1                       | 20%         | -                          | -        | 3                           | 50%         |
| White        | -                      | -           | -                       | -           | -                          | -        | -                           | -           |
| Other        | 1                      | 2%          | -                       | -           | -                          | -        | -                           | -           |
| <b>Total</b> | <b>42</b>              | <b>100%</b> | <b>5</b>                | <b>100%</b> | <b>0</b>                   | <b>-</b> | <b>6</b>                    | <b>100%</b> |

# County Demographic Profile: Race and Ethnicity

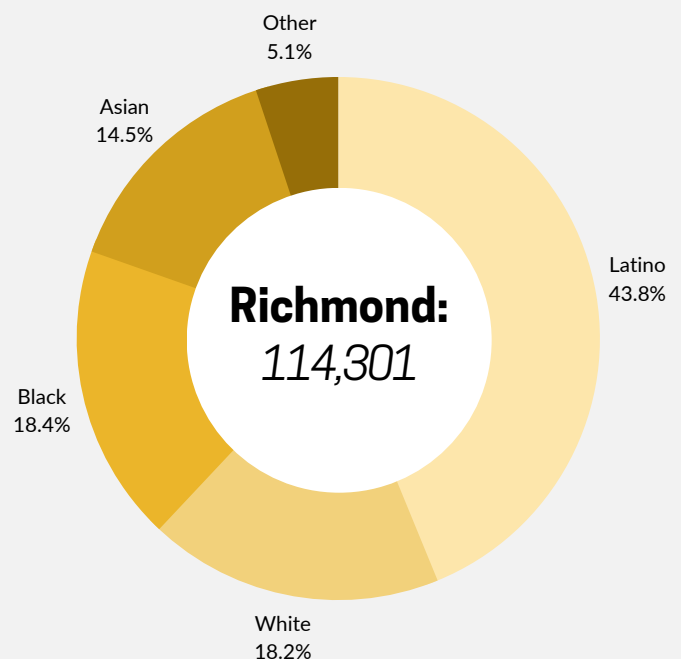
**Figure 3. Population and Racial Makeup of Antioch**<sup>11</sup>



**Figure 4. Population and Racial Makeup of Bay Point**<sup>12</sup>



**Figure 5. Population and Racial Makeup of Pittsburg**<sup>13</sup>



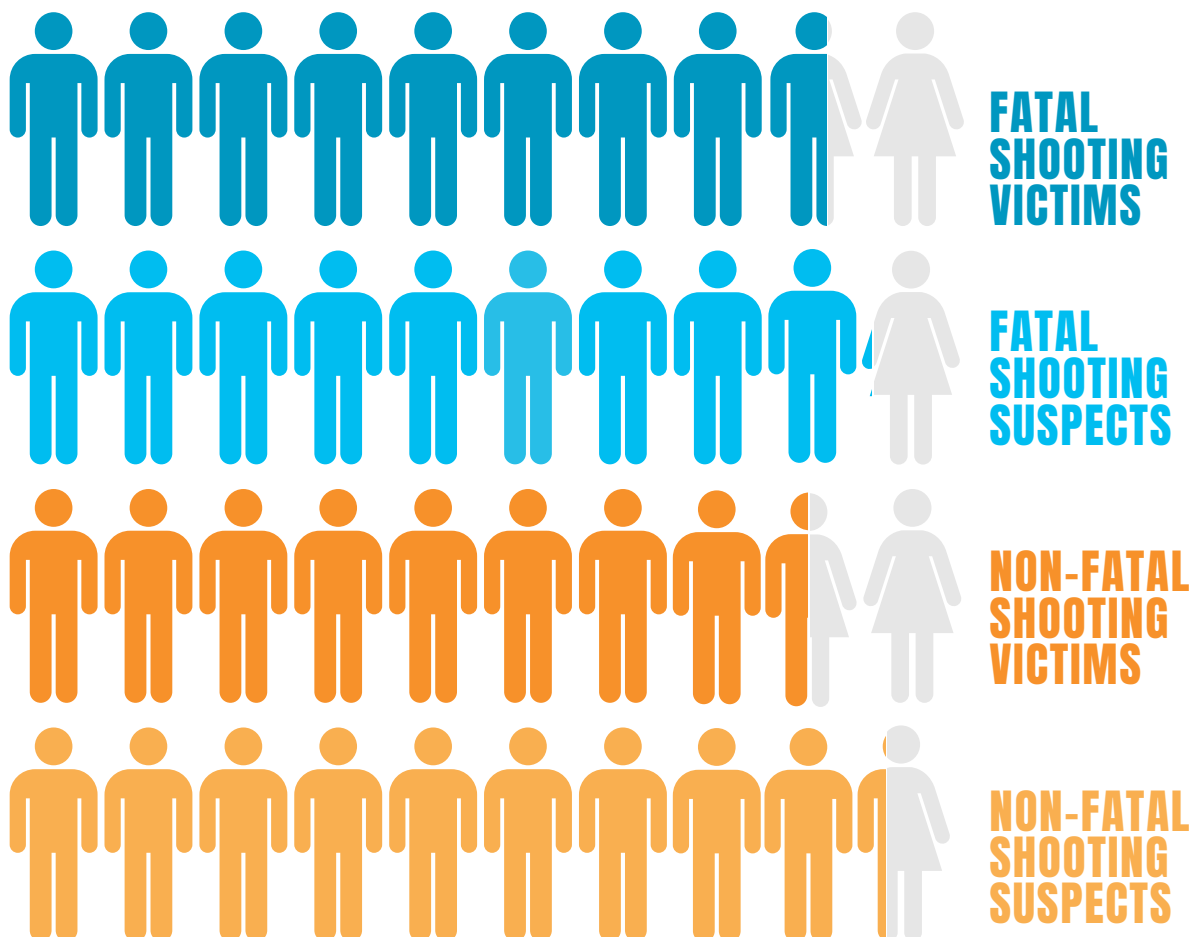
**Figure 6. Population and Racial Makeup of Richmond**<sup>14</sup>

# The majority of gun violence victims and suspects are **male**.

**Table 4.** Gender Distribution of Victims and Suspects of Gun Violence

|        | Fatal shooting victims  |      | Non-fatal shooting victims  |      |
|--------|-------------------------|------|-----------------------------|------|
| Gender | #                       | %    | #                           | %    |
| Male   | 47                      | 87%  | 61                          | 85%  |
| Female | 7                       | 13%  | 11                          | 15%  |
| Total  | 54                      | 100% | 72                          | 100% |
|        | Fatal shooting suspects |      | Non-fatal shooting suspects |      |
| Gender | #                       | %    | #                           | %    |
| Male   | 21                      | 91%  | 26                          | 93%  |
| Female | 2                       | 8%   | 2                           | 7%   |
| Total  | 23                      | 100% | 28                          | 100% |

**Figure 7.** Gender Distribution of Victims and Suspects of Gun Violence





# Distribution of Gun Violence by Month

Antioch saw a significant increase in non-fatal shootings during the months of February and March, with 40.4% of non-fatal shootings occurring then. In Richmond, 61% of gun violence took place during the summer months. In Bay Point, 60% of fatal shootings occurred in October and November.

Figure 8. Fatal Shootings by Month

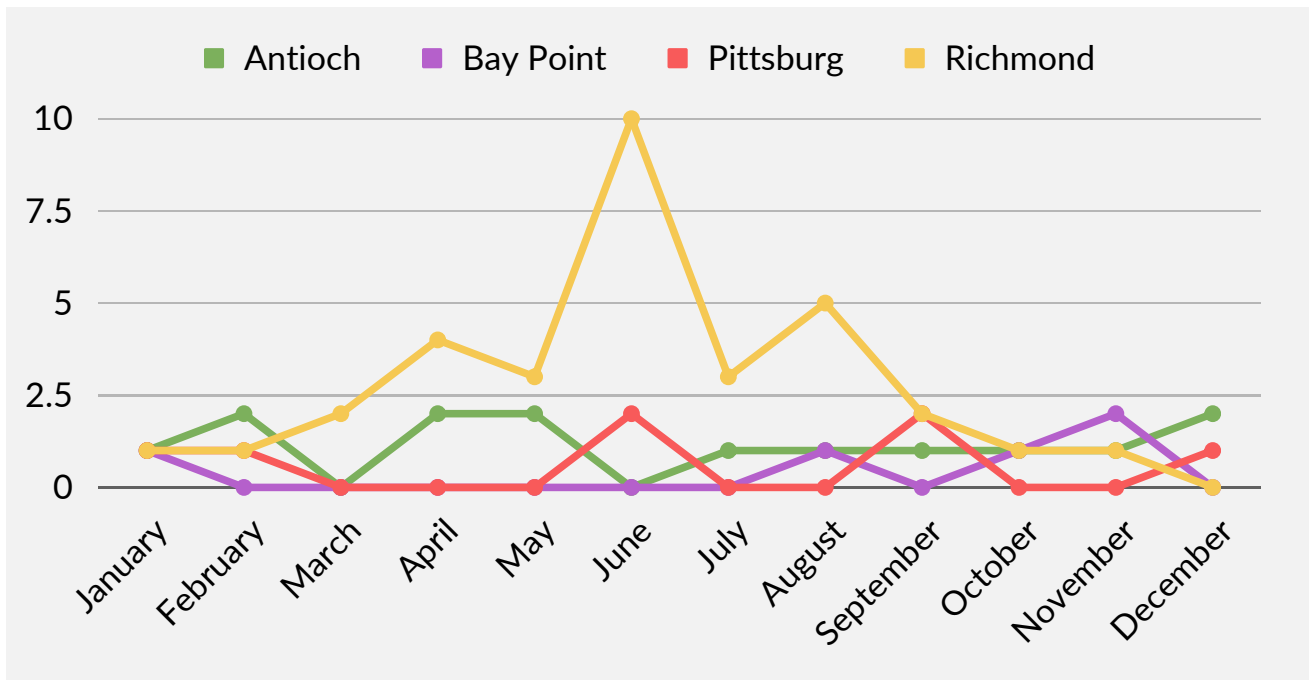
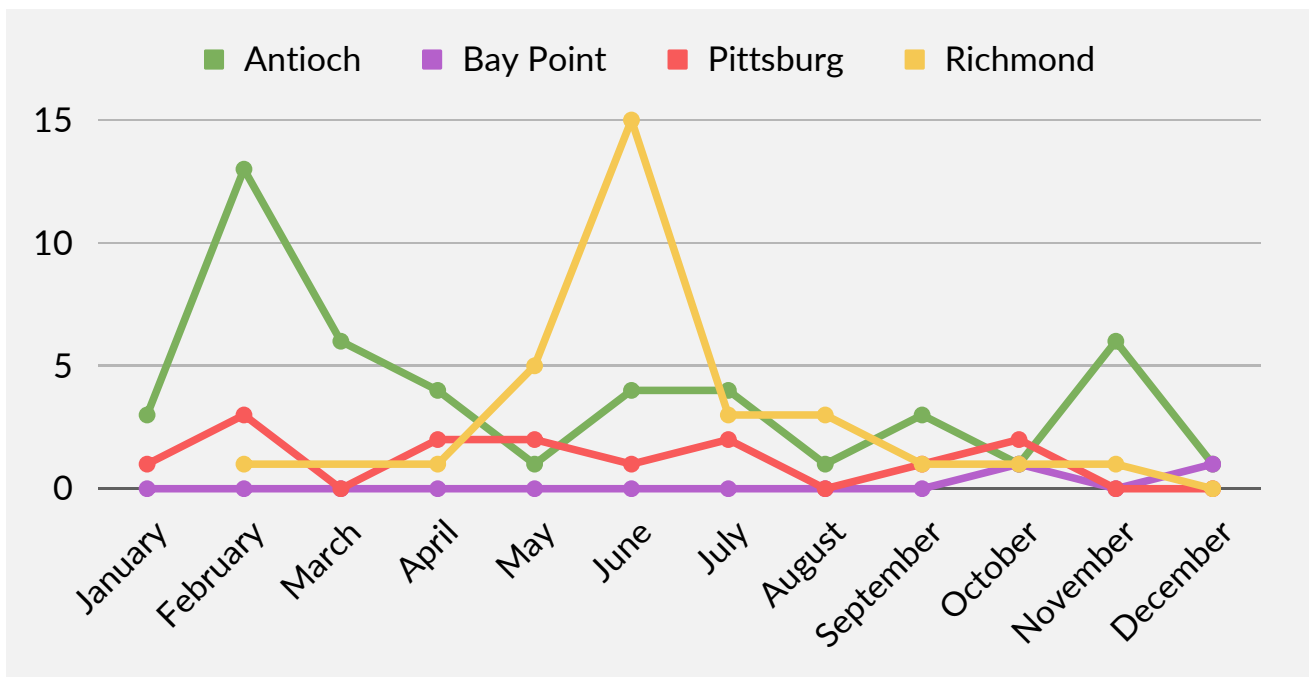


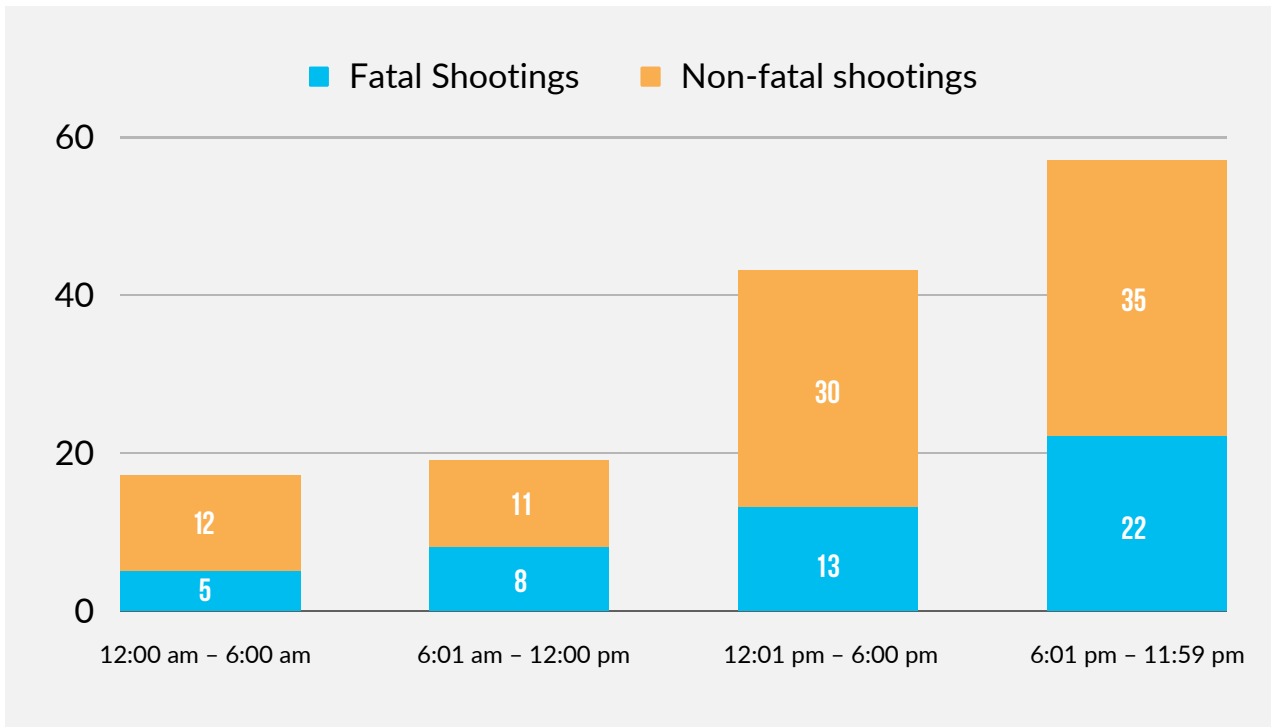
Figure 9. Non-Fatal Shootings by Month



# Gun Violence Incidents by Time of Day

45.8% of fatal shootings within the cities took place after 6 pm. Nearly 40% of all non-fatal shootings within the cities took place between 6:01 pm and 11:59 pm.

Figure 10. Gun Violence Incidents by Time of Day

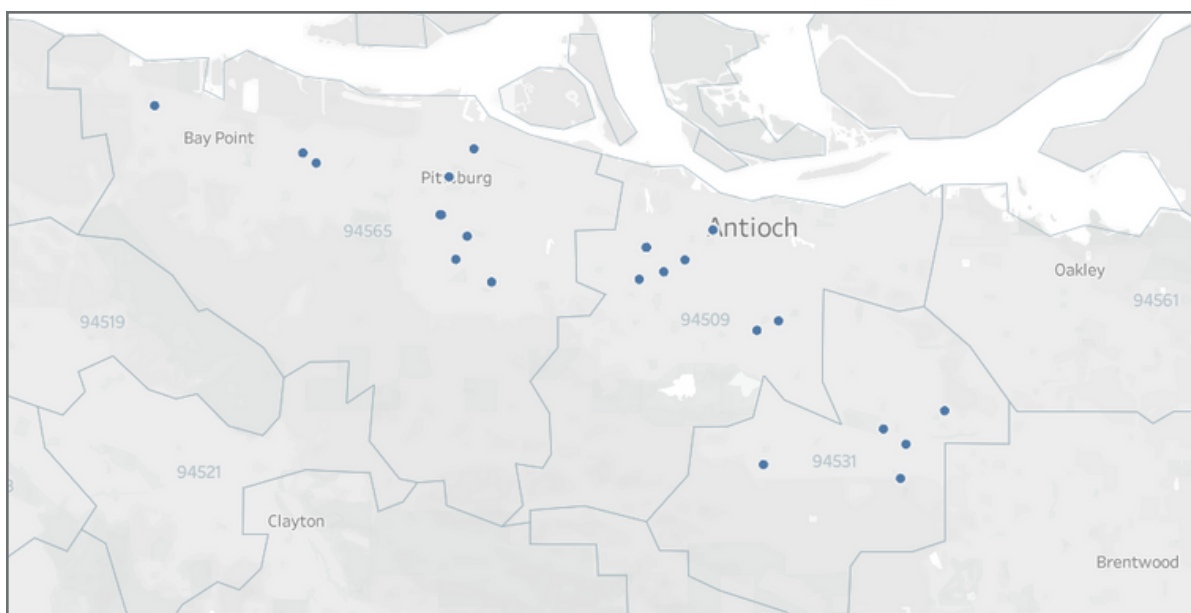


# Geographic Distribution of Gun Violence

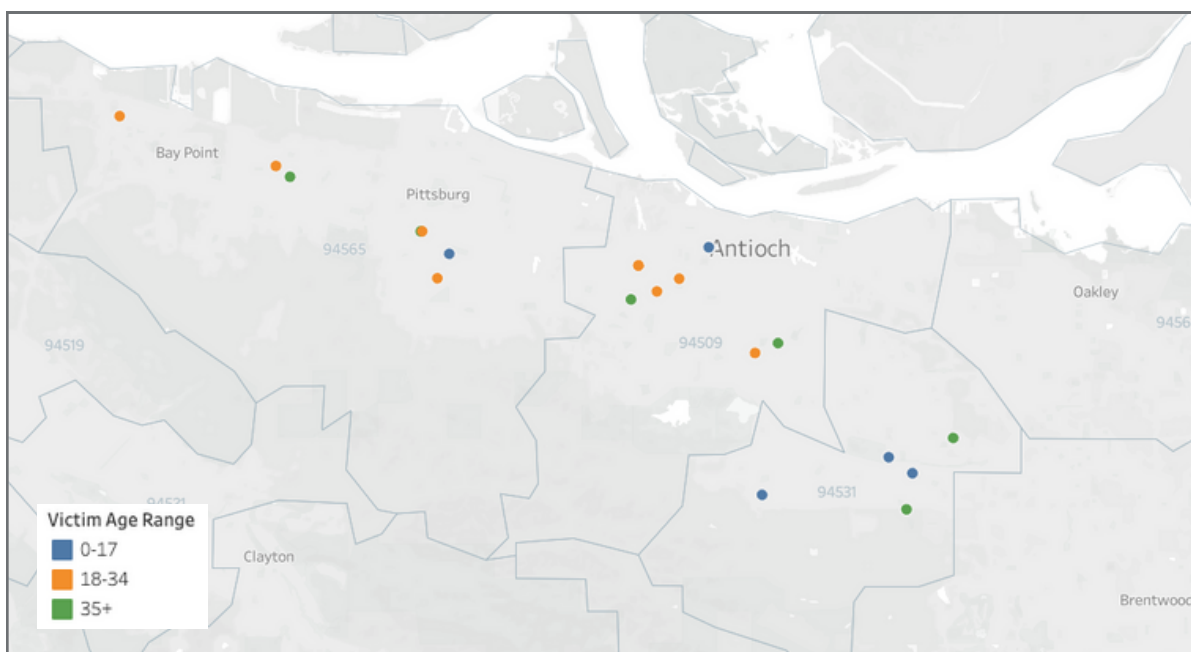
In Richmond, 58.3% of all gun violence took place in the 94801 zip code, including 57.1% of non-fatal shootings. Both fatal and non-fatal shootings within Antioch were largely concentrated within the 94509 zip code. Both fatal and non-fatal shootings within Bay Point and Pittsburg were concentrated in the 94565 zip code.

The following maps depict fatal and non-fatal shootings in Antioch, Bay Point, Pittsburg, and Richmond from January 1, 2021 through December 31, 2022. Interactive maps are also available.

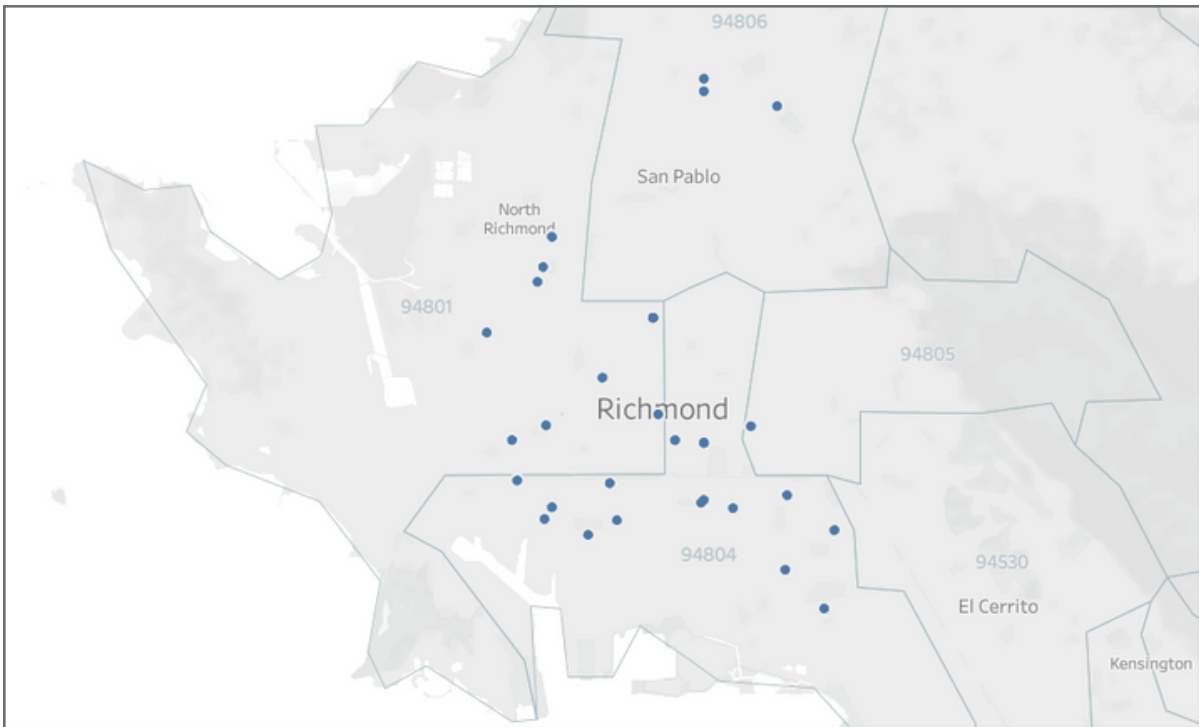
**Figure 11.** Map of Non-Fatal Shootings in Antioch, Bay Point, and Pittsburg<sup>15</sup>



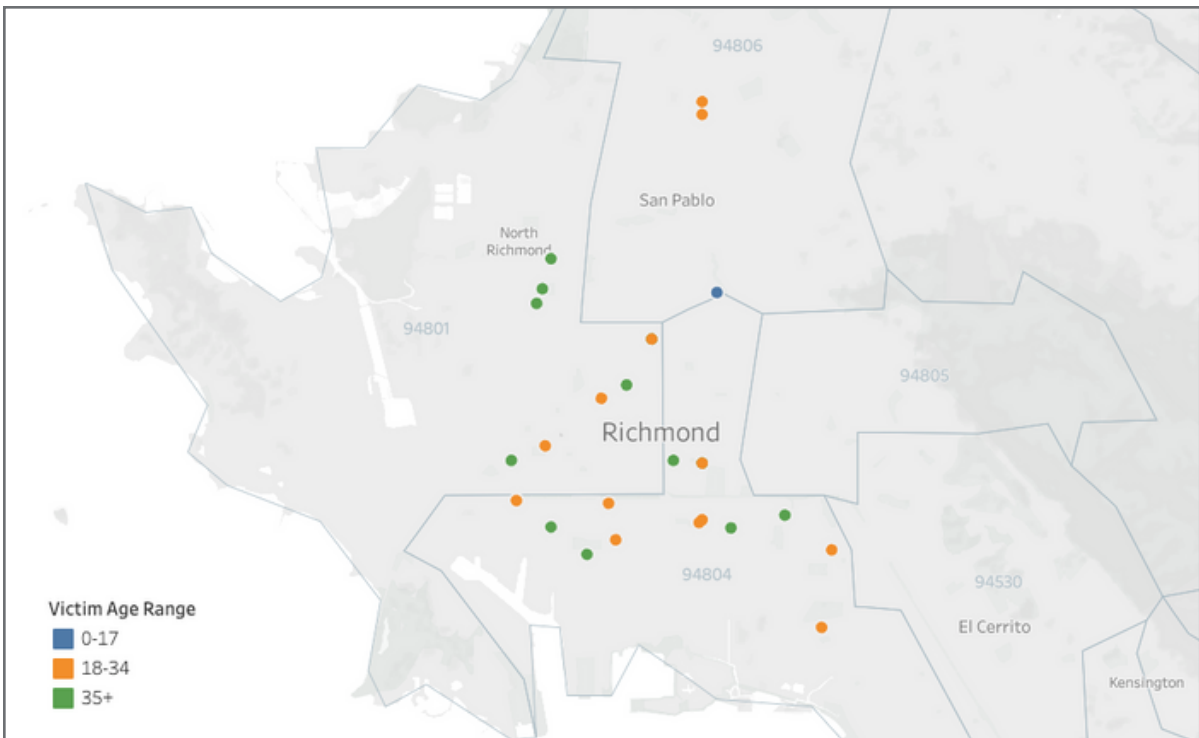
**Figure 12.** Map of Fatal Shootings in Antioch, Bay Point, and Pittsburg<sup>16</sup>



**Figure 13.** Map of Non-Fatal Shootings in Richmond<sup>17</sup>



**Figure 14.** Map of Fatal Shootings in Richmond<sup>18</sup>

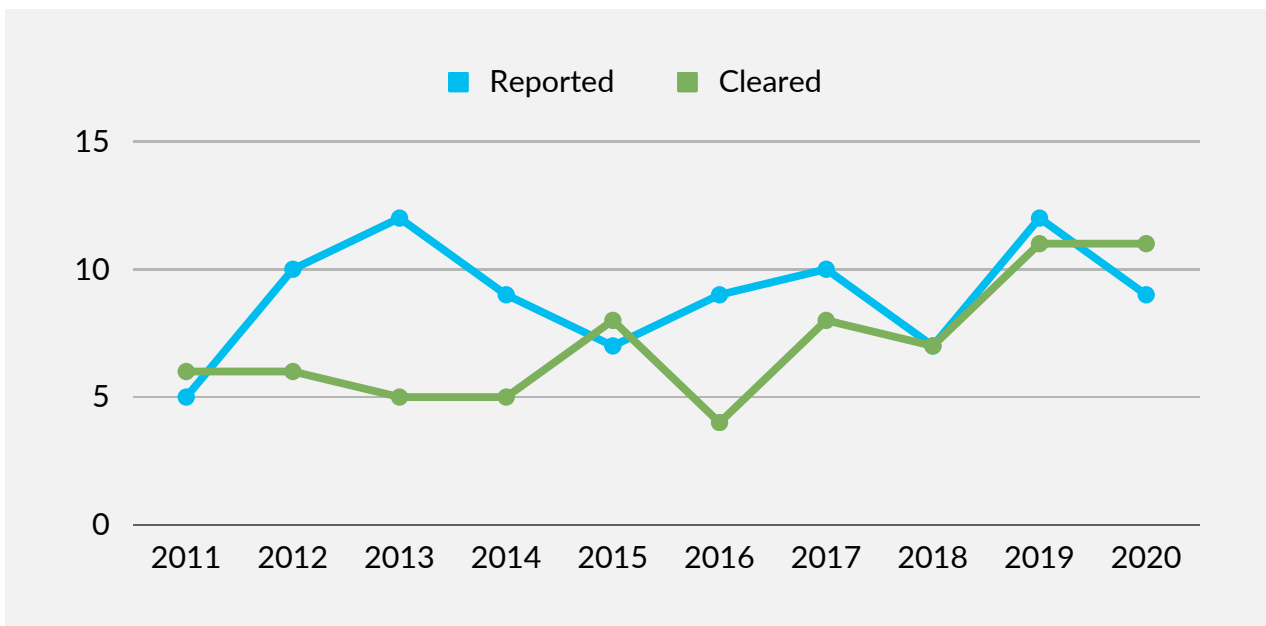


# Clearance Rates by City

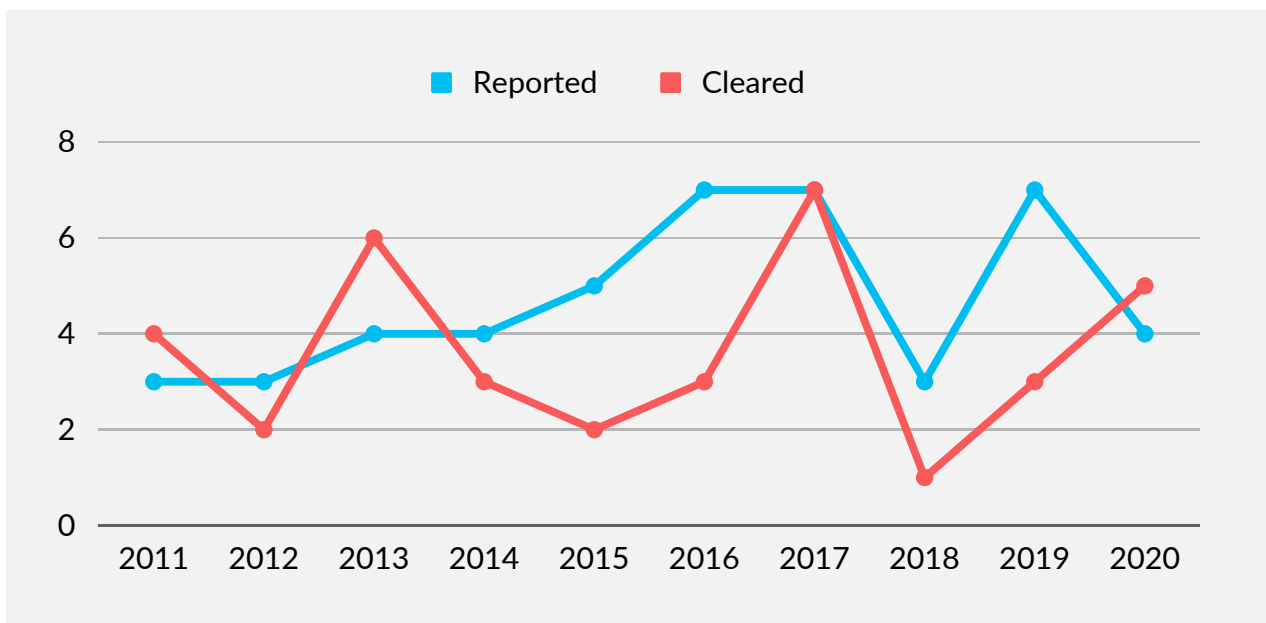
Below are homicide clearance rates for Antioch, Pittsburg, and Richmond. Bay Point is unincorporated and does not have its own police department; therefore, clearance rates are not provided.

Both Antioch and Pittsburg averaged above an 80% clearance rate between 2011-2020. Richmond averaged a 36% clearance rate, which is lower than the national average of 50%.<sup>19</sup>

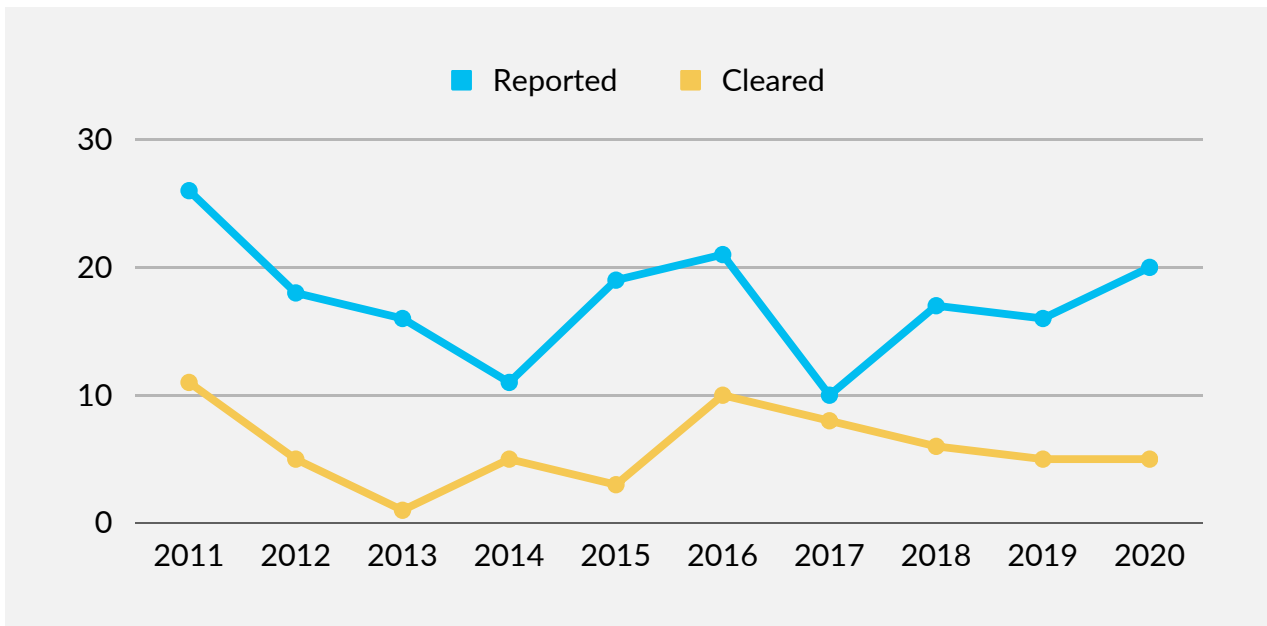
**Figure 15.** Reported and Cleared Homicides by the Antioch Police Department<sup>20</sup>



**Figure 16.** Reported and Cleared Homicides by the Pittsburg Police Department<sup>21</sup>



**Figure 17.** Reported and Cleared Homicides by the Richmond Police Department <sup>22</sup>



## Conclusion

Victims and suspects of gun violence in Antioch, Bay Point, Pittsburg, and Richmond from January 1, 2021 through December 31, 2022 were overwhelmingly Black, male, and between the ages of 18–34. Zip codes that saw the majority of gun violence incidents include: 94804 (Richmond), 94801 (Richmond), 94509 (Antioch), and 94565 (Pittsburg). This information about the nature of gun violence in the county will be used to inform the development of a gun violence reduction strategy.



# Endnotes

1. [Crime Statistics | Richmond, CA - Official Website, December 2022 Crime-Stat Report - Richmond, CA](#)
2. [CITY OF ANTIOCH 2021 CRIME STATISTICS, Antioch Crime Statistics 2022](#)
3. [Pittsburg Crime Report 2021, Crime Statistics - NIBRS City of Pittsburg 2022](#)
4. [Bay Area homicides 2021 | Bay Area News Group map, Bay Area homicides 2022: Map and details](#)
5. Suicides and justifiable homicides were not included.
6. [Gun Violence Archive](#)
7. [National Gun Violence Memorial](#)
8. [Bay Area homicides 2021 | Bay Area News Group map, Bay Area homicides 2022: Map and details](#)
9. [Gun Violence Archive, About](#)
10. Limited identifying information is available for non-fatal shooting victims and suspects in all cities within the county.
11. [U.S. Census Bureau QuickFacts: Antioch city, California](#)
12. [U.S. Census Bureau QuickFacts: Bay Point CDP, California](#)
13. [U.S. Census Bureau QuickFacts: Pittsburg city, California](#)
14. [U.S. Census Bureau QuickFacts: Richmond city, California](#)
15. [2021 & 2022 Non-Fatal Shootings in Antioch, Bay Point, Pittsburg, and Richmond CA](#)
16. [Fatal Shootings in Antioch, Bay Point, and Pittsburg, CA in 2021 & 2022](#)
17. [2021 & 2022 Non-Fatal Shootings in Antioch, Bay Point, Pittsburg, and Richmond CA](#)
18. [Fatal Shootings in Richmond, CA in 2021 & 2022](#)
19. ['Far from justice': why are nearly half of US murders going unsolved? - The Guardian](#)
20. [Crime Data Explorer](#)
21. [Crime Data Explorer](#)
22. [Crime Data Explorer](#)

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