

Data Needs Assessment (DNA)

Analysis of Antioch Police Data on Calls for Service



Findings

- From 2018 to 2020, the Antioch Police Department (APD) received approximately 90,000 calls for service/year.
- APD maintains 132 call types and five priority levels: emergency (level 1), urgent (level 2), routine (level 3), and informational (levels 4 and 5). Of which, we identified levels 4, and 5 as potential calls for service to receive an alternative community-based response. We recommend that dispatchers maintain authority to divert level 3 calls to a community responder or a police officer based on call evaluation.
- Six police beats organize Antioch. Police beat #6 received the highest volume of cases over the past three years, with 2,097 cases in 2020.
- In 2020, Antioch's top three reported cases were 1,075 combined simple and aggravated assaults, 859 mental health-related, and 1,052 incidents of combined petty and grand theft. There were nine completed homicides.
- In 2020, APD received 2,761 homelessness-related calls with various priority levels. Four percent (103 calls) were assigned priority levels 4, or 5.
- All mental health and drug-related calls were given priority level 2 or 3. In 2020, APD received 1,381 calls for mental health/drug related issues.

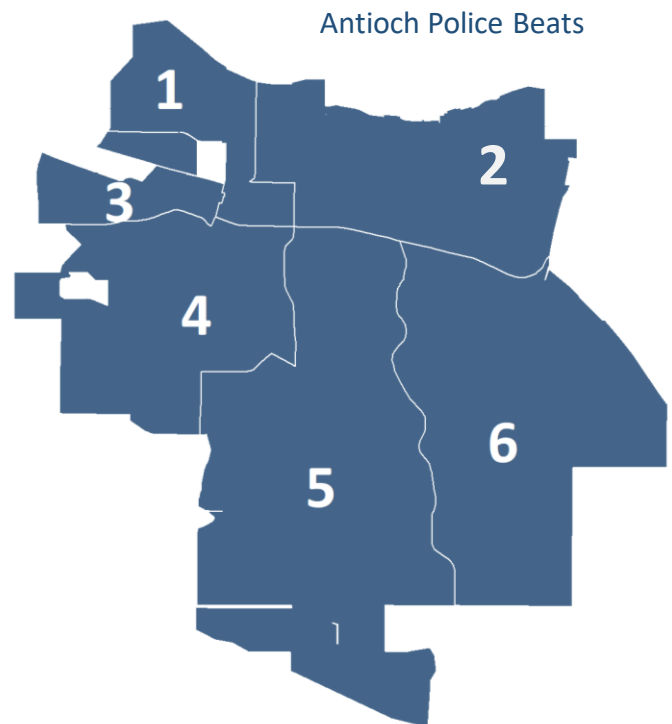
Priority Level	Number of Homelessness-related Calls	Number of Mental Health-related Calls
1 (Emergency)	204	
2 (Urgent)	1,512	1,052
3 (Routine)	942	329
4 (Informational)	54	
5 (Informational)	49	
Total	2,761	1,381

Source: Antioch Police Department, 2020

Objectives

The objective of this DNA-informed effort is to help the community response model identify data-related areas of work by:

- Understanding the nature and characteristics of the calls for service Antioch Police responded to in the last three years.
- Mapping out the variations in response time to low-level priority calls by police beat.
- Understanding how the landscape of calls for service differs across Antioch's police beats.
- Informing the design and implementation of a community response model that diverts low-level priority calls for service to well-trained community respondents instead of officers.



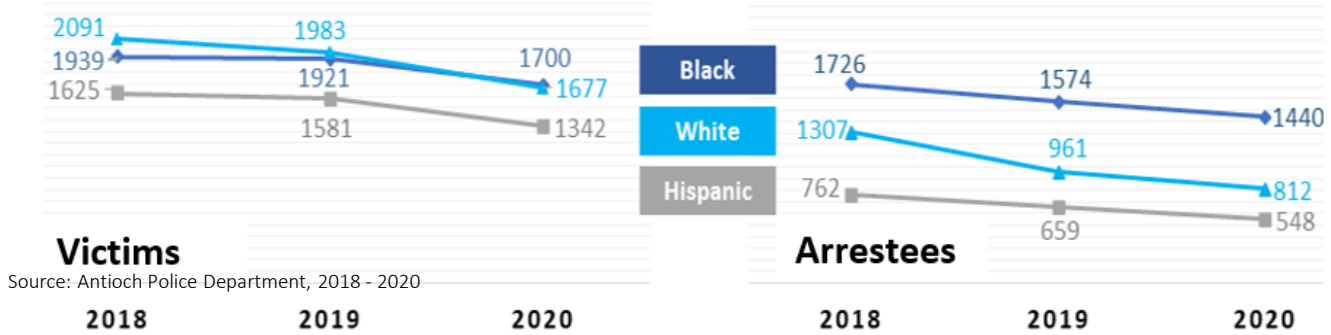
Why This DNA Is Important

In 2020, APD received 1,373 low-level calls for mental health/drug-related and homelessness-related issues. Police officers in Antioch spend a significant part of their time responding to low-level priority calls for service. The DNA analyzes three APD datasets: mental health/drug-related, homelessness-related, and case reports. Data on cases demonstrate the advancement from a call for service to a case.

The DNA informs the development of an RFQ/RFP document to implement a community response model to respond to non-life-threatening calls for service. This data-driven effort will provide a more appropriate response, including referrals. It also enables law enforcement to focus on higher acuity calls and crimes, minimizing unnecessary interactions with law enforcement.

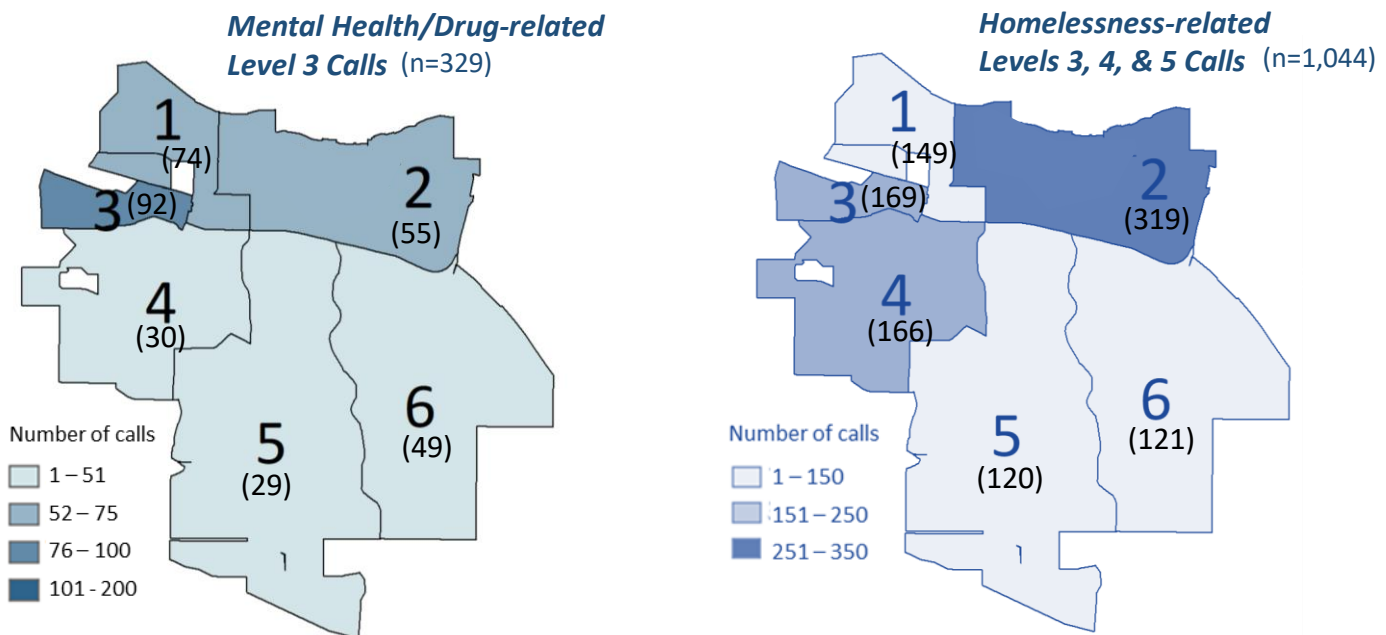
The Number of Cases Among Victims and Arrestees by Race

The number of cases amongst arrestees and victims of any racial group declined as 2020 approached. Black arrestees decreased by 17%, from 1,726 in 2018 to 1,440 in 2020. The number of Hispanic arrestees dropped by 28%, from 762 in 2018 to 548 in 2020. White arrestees declined by 38%, from 1,307 in 2018 to 812 in 2020. This data point is illustrative of the evolution of a call for service to a case that involves victims and arrestees and informs the cultural needs of staff/community responders who can connect with callers from various racial backgrounds.



The Number of Lower-priority Level Calls by Police Beat in 2020

In 2020, APD received 1,373 levels 3, 4, and 5 calls for mental health/drug-related and homelessness-related issues. The range of low-level calls extends beyond mental health/drug use and homelessness. This study looked at these specific examples of calls because they are accessible subsets of low-level calls.



In 2020, APD received 329 low-level mental health/drug-related calls. Police beat #3 received the highest number of which (92).

APD received 1,044 low-level homelessness-related calls in 2020. Police beat #2 received the highest number of those calls (319).

Data Recommendations

Based on analyzing the data on police calls for service in Antioch from 2018 - 2020, data-specific recommendations include:

- Using data-informed performance measures that align with the program's SMART goals.
- Collecting demographic information.
- Capturing frequent callers.
- Enhancing information sharing and stakeholders' engagement.
- Identifying a data support team.
- Improving data quality.
- Using geocoding to identify future hub facility.
- Improving the counting system for mental health and homelessness-related calls.