

Tacoma Violent Crime Reduction Project Period 1 Results

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Project Background

Drawing from a substantial body of research on the positive impact that hot spots policing can have on reducing violence, this plan includes three components:

1. A near term strategy meant to substantially increase police visibility at addresses where violent crime is concentrated and prioritizing street-level deterrence in these areas.
2. A mid term strategy focused on violent places within the city using a Problem-Oriented, Place-Based Policing approach.
3. A longer term strategy that will utilize a Focused Deterrence strategy to help break the cycle of violence among the small number of repeat and high-risk offenders who are responsible for committing most of the violent crime in Tacoma.

Hot Spots Policing Strategy

Beginning in early July, TPD began executing its near-term, hot spots policing strategy:

- Focused on violence-prone addresses by increasing police visibility at or near those locations to deter violent offenders.
- Goal: Drive down violent crime in and around these areas thereby impacting crime levels within larger geographical areas (e.g., patrol sectors)

Treatment Methodology

- Violent street crime analysis:
 - Murder/non-negligent manslaughter
 - Robbery (individual or business)
 - Aggravated assault (not including family violence)
- Incidents with multiple offenses (e.g., a murder and a robbery) or multiple victims (three individuals assaulted) were counted as a single incident for the purposes of identifying hot spots and in the subsequent analyses

Treatment Design

- Period 1 hot spot treatment: **July 6 - October 5, 2022**
- Based on data analysis, 16 addresses were identified as treatment locations based on crime patterns over the previous 90 days and/or 12 months
- Each of these locations were analyzed for temporal patterns of highest risk for violent crime
 - Peak crime hours/days of the week were identified for each location
- Officers were dispatched to each location during high risk hours
- During these high risk hours, officers were instructed to be within sight of the hot spot address for least 15 minutes with all vehicle lights illuminated
 - Otherwise, addresses received normal patrol and/or response to calls for service

Analyses Plan

1. Fidelity: Alignment between expected and actual treatment
2. Year to year violent crime comparison
 - Pre-treatment period of last year vs. pre-treatment period of current year: April 6, 2021-July 5, 2021 vs. April 6, 2022-July 5, 2022
 - Treatment period of last year vs. treatment period of current year: July 6, 2021-October 5, 2021 vs. July 6, 2022-October 5, 2022
3. P1 violent crime activity vs. previous 12 months
 - Treatment locations, catchment areas, and city-wide; also by police sector
 - Catchment areas: 1,000 ft buffer zones around the treatment location used to check for crime displacement or diffusion of benefits

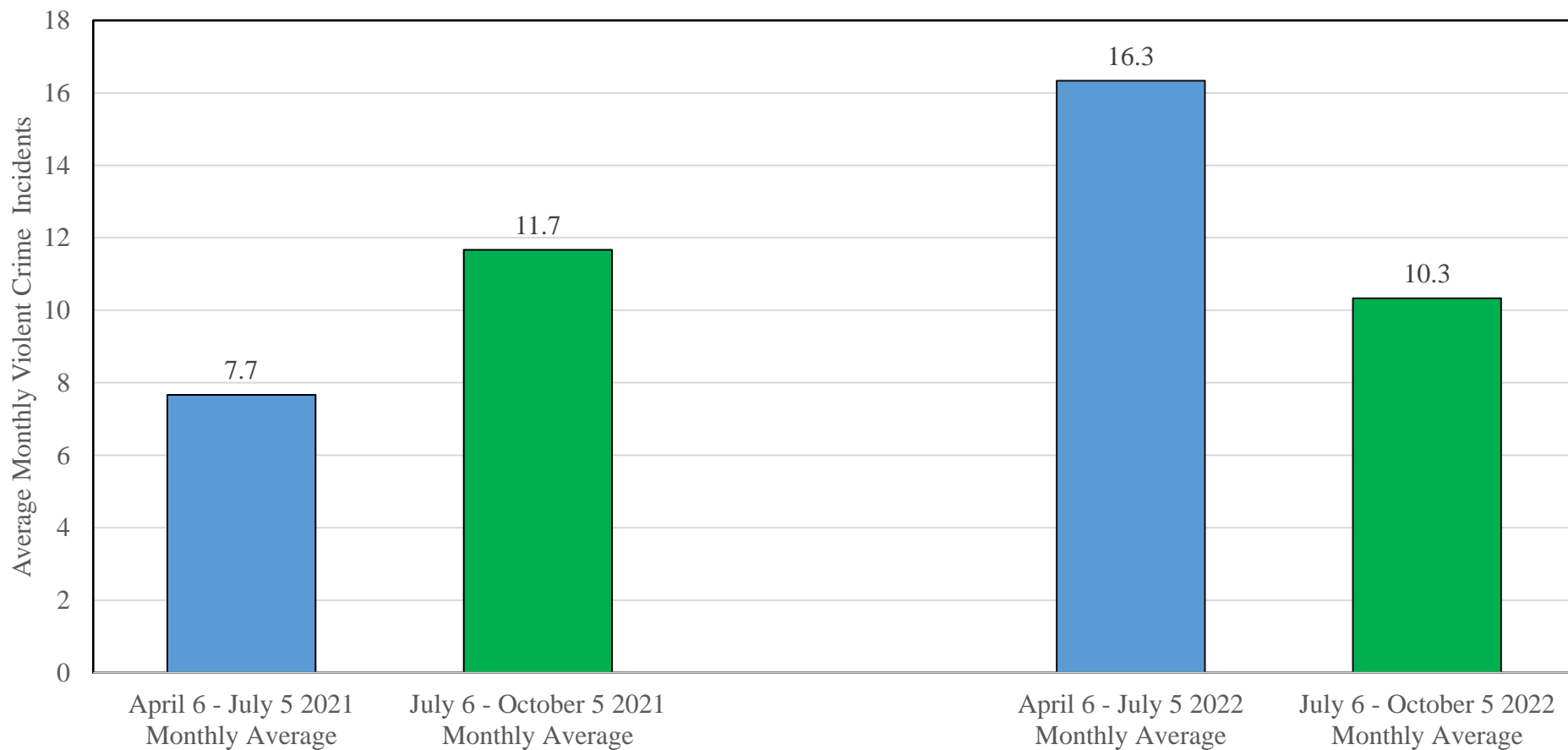
Results

- Fidelity: Alignment between expected and actual treatment
- Officers were dispatched to treatment locations at specific days and times
- At least one officer was present at the treatment location within the proscribed hour in **91.8%** of all expected times
- Officers spent an average of 18:34 at these locations

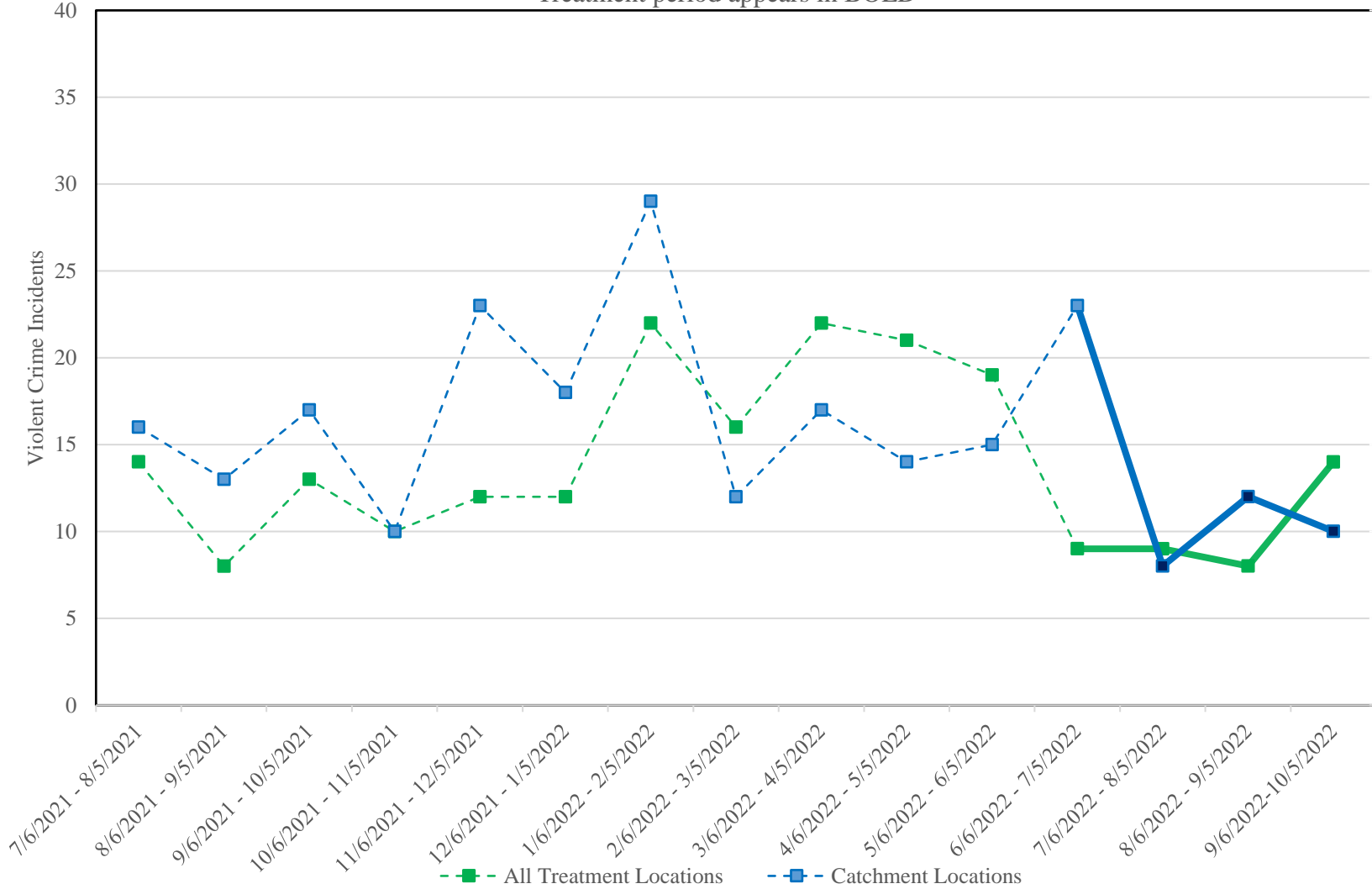
	Expected Treatment	Single Officer Dispatches	Single Officer Treatment	% Missing Dispatches	Excessive Officer Treatment	Average Time On Scene
P1 Fidelity Totals	7650	7026	91.8%	-8.2%	11.2%	0:18:34

Results

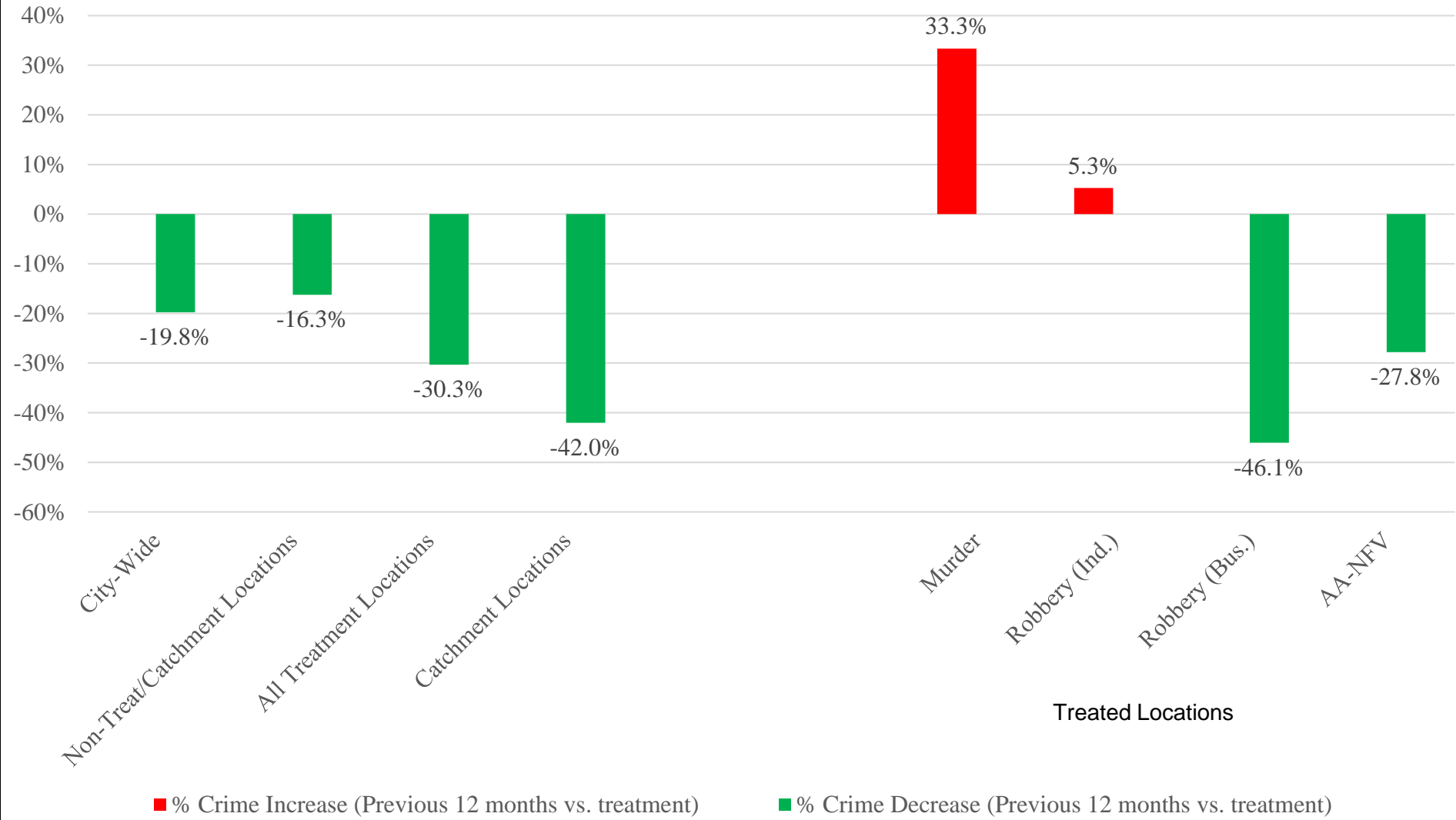
Year to Year Comparison of Average Monthly Violent Crime Incidents
(April 6, 2021-October 5, 2021 vs. April 6, 2022-October 5, 2022)



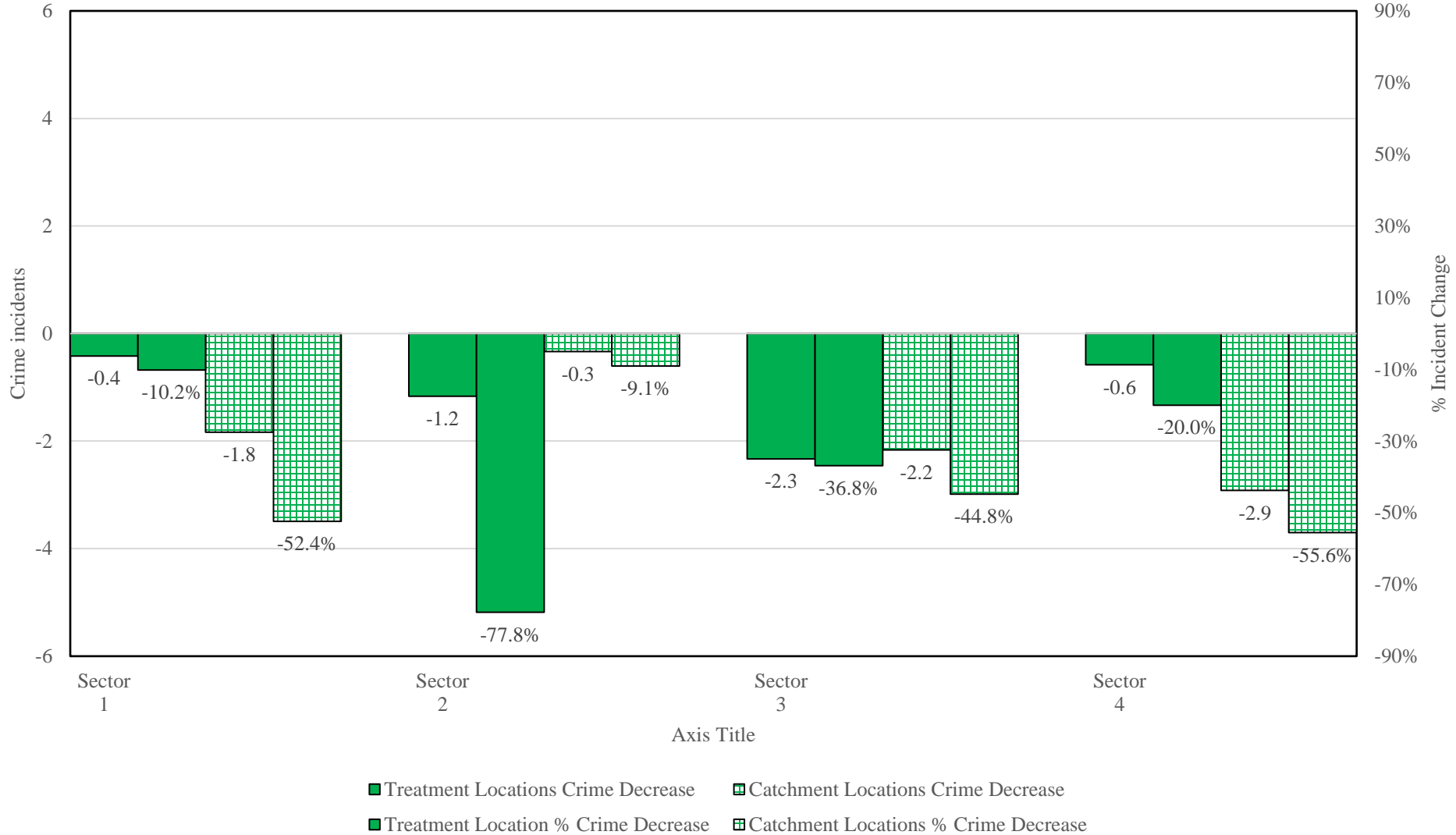
Violent Crime Incidents Per Month (July 6 2021 - October 5 2022):
 Treatment & Catchment Locations
 Treatment period appears in BOLD



Average Monthly Violent Crime Changes:
% Change Previous 12 Months vs. Treatment Months



Sector Average Monthly Violent Crime Changes in Treatment and Catchment Locations:
Incident & % Change Previous 12 Months vs. Treatment Months



Conclusion

- Violent crime was down 37% in the treated locations compared to the previous 3 months and was 12% lower than last year during the same time period
- Violent crime dropped from 10-78% at treatment locations depending upon sector when compared to prior year monthly averages
 - Catchment areas also consistently benefited from the strategy: crime down 45-56%
 - No evidence of displacement
- Crime fell in every sector of the city at the treated addresses, in the surrounding catchment areas, and in all other areas of the sectors
- Fidelity to the treatment plan was excellent at 92%
- Next steps
 - Period 2 hot spots is underway
 - Preparation for POPBP is dependent on police and city resources but can begin anytime after Period 2

Questions?

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