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Project Safe Neighborhood FY19 Western Washington Final Report



Prepared and presented by
IDEA Analytics

Pierce County PSN

ANNUAL SUMMARY REPORT

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BACKGROUND

Prior PSN funding for FY18 had established Pierce County Project Safe Neighborhood (PSN) Committee with Tacoma Police (TPD), Lakewood Police (LPD), and Pierce County Sheriff's Department (PCSD). Subsequent funding (FY19) released in October 2021 allowed for the Pierce County PSN Committee to expand with an additional two agencies, Fife Police (FPD) and Puyallup Police (PPD). Both FPD and PPD agencies were experiencing an increase of violence and crime, believed to be related to the increased violence in City of Tacoma. Both agencies were interested in training and/or technical assistance to further develop their city's crime reduction responses.

During this reporting period of October 2022 to September 2023, the IDEA Analytics Project Team expanded existing data sharing agreements and analytical processes to provide all five agencies of the PSN Committee with detailed information for gun violence incidents and place- and person-based analysis. Based on previously identified knowledge and skill gap of regional analysis and data sharing, the IDEA Analytics Project Team defined support during this period in three focused activities:

- Focus Activity 1: Identify and develop a focused place-based and person-based crime reduction strategy for aggravated assaults and gun-related offenses.
- Focus Activity 2: Implementation of crime reduction strategy for gun violence.
- Focus Activity 3: Pilot of automated data processes and technology plan for intelligence-led policing strategies.

In addition to the services provided for these three focus areas, the IDEA Analytics supported additional data evaluation and analysis requests from the agencies related to persistent violent crime and research evaluation activities. IDEA Analytics has allocated approximately forty percent of the project budget to the PSN Research Analyst and SNA subject expert, both of whom provided place- and person-based strategies that informed Pierce County anti-gun and gang investigators, federal agency partners, and prosecution partners.



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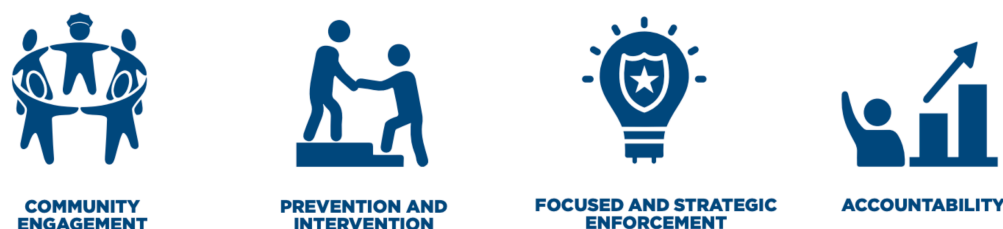
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EXECUTIVE SUMMARY

This report summarizes all activities performed by the IDEA Analytics Project Team between October 2022 and September 2023 to support the objectives of the Pierce County PSN Committee. This report is organized based on the proposed focus areas to align all training and technical assistance activities, in addition to routine grant administration activities.

During this reporting period, IDEA Analytics **produced seven individual, static analytical reports** related to place- or person-based crime reduction strategies for PSN agencies. Each of these reports provided evidence-based practices in the development and suggested responses, aligned with each of the PSN program pillars (see Figure 1).

Figure 1. Project Safe Neighborhood Program Pillars



To compliment these static reports, IDEA Analytics **supported monthly data development for the five jurisdictions within over 45 of interactive reports** which drilled into crime trends, temporal patterns, and geospatial data. This reporting enabled agencies to correctly identify persistent crime trends and patterns for a place-based crime reduction strategy (PSN Focus Activity 1), further understand persons and places impacted by gun violence for prevention and/or intervention activities (PSN Focus Activity 2) and supported the pilot of regional information sharing for violent crimes (PSN Focus Activity 3).

This report does not include recommendations as the PSN Committee for Pierce County resolved at the fiscal year end. Recommendations for specific agencies were provided within reports and/or close out calls held during August and September 2023.



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FOCUS AREA 1: IDENTIFY AND DEVELOP A FOCUSED PLACE-BASED AND PERSON-BASED CRIME REDUCTION STRATEGY FOR AGGRAVATED ASSAULTS AND GUN-RELATED OFFENSES

The prior PSN Committee consisting of TPD, LPD and PCSD, reviewed place-based analysis of three focus areas. This analysis was based on a seven-year temporal and geospatial analysis of violent crimes. One focus area was suggested as a project area based on several environmental and crime risk factors (Deliverable: Focus Area Report: Hosmer Street, June 2021). This information was briefed in a June 2021 meeting with PSN Committee participants and federal agencies. At this time, the PSN Committee was not moving forward with strategies in this area due to safety concerns, other initiatives, and leadership commitment from the initial agencies.

With the addition the FPD and PPD to the PSN Committee in 2022, the IDEA Analytics Project Team facilitated conversations with the Committee to align current priorities and commitments. The leadership of Fife, Puyallup and Pierce County Sheriff expressed the interest to conduct new place-based analysis to inform their jurisdictions and resources. Data discovery calls with the jurisdictions allowed for refining the data model to focus on the specific agency charging and/or reporting habits. Based on project calls, meetings, and data report briefings held during this time, motor vehicle thefts were identified as a common characteristic to several violent crimes among the three jurisdictions.

The analysis for each jurisdiction resulted in the following final reports, identifying specific areas for a place-based intervention and/or organizational changes to support a regional or jurisdiction-specific crime reduction response.

Fife Police	
○ Overall Findings	<ul style="list-style-type: none">▪ Prior persistent crimes around motels and in commercial areas had decreased with Fife’s efforts to shut down hotels through city ordinance enforcement.▪ Violent crime incidents continued to occur around homeless encampments and commonly included motor vehicle thefts.▪ Motor vehicle thefts were related to hotel/motel problems and were closely related with cases in neighboring jurisdictions (e.g., Tacoma, Puyallup).
○ Reports	<ul style="list-style-type: none">▪ Monthly Interactive Report revisions per agency related to top Reported Crimes▪ Customized Interactive Reports per agency for Calls for Service and Reported Crimes (total of 14 pages of reports)▪ Motel and Violent Crime Analysis – Fife (Delivered March 2023)▪ Violent Crime and Motor Vehicle Theft Report – Fife (Delivered June 2023)



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Puyallup Police

- *Overall Findings*
 - Violent crimes occurred most frequently at high population commercial areas (e.g., shopping mall, larger shopping center parking areas).
 - Increased to violent crimes occurred during same periods increase occurred in the City of Tacoma and person-based analysis indicated connections with hot spot locations in Tacoma.
 - Motor vehicle thefts were a common factor in violent crimes, either as a predicate offense (e.g., vehicle stolen to participate in a violent crime elsewhere) or during an assault offense (e.g., aggravated assault to steal the car).
- *Reports*
 - Monthly Interactive Report revisions per agency related to top Reported Crimes
 - Customized Interactive Reports per agency for Calls for Service and Reported Crimes (total of 14 pages of reports)
 - Motor Vehicle Theft Report – Puyallup (Delivered June 2023)

Pierce County Sheriff

- *Overall Findings*
 - Higher rates of violent crime occur in the Parkland area, specifically in three apartment complexes.
 - Perceptions of where violent crime occurred v. where they persistently occurred continued to be a challenge for PCSD staff.
 - Gun violence incidents appears to be limited to specific neighborhoods and underlying factors in those neighborhoods (e.g., drug market).
- *Reports*
 - Monthly Dashboard revisions per agency related to top Reported Crimes
 - Customized Dashboards per agency for Calls for Service and Reported Crimes (total of 14 pages of reports)
 - Gun Violence Location Report - PCSD (Delivered June 2023)
 - Staffing analysis for PCSD Patrol in response to Gun Violence (Not delivered during project period due to changes in funding and direction by USAO)

Additional reports produced during this time supporting all agencies included:

- Exploratory Analysis for Person-based Risk Scoring / November 2022 PSN Meeting Deck (Delivered November 7, 2022) (refer to Focus Area 2 for more information)



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- This information was revisited during data discovery meeting with specific agencies to further validate the data processes and identify common offenders.
- Person and Gun Violence Incident Data to FBI Analyst (Delivered July 2023)
 - This included person-based analysis for offenders involved in specific gun-related incidents.

In the Summer of 2022, Fife and Puyallup Police departments were added to the PSN Committee. The inclusion of these agencies in the northern region of the county resulted in several additional analytical requests for PCSD, Fife and Puyallup. These requests and project meetings between August 2022 and June 2023 explored crime trends specific to the jurisdictions individually, as well as interrelated crimes contributed to each jurisdiction. These working sessions and analysis resulted in the following deliverables for place-based and person-based analysis:

- Monthly Dashboard revisions per agency related to top Reported Crimes
- Customized Dashboards per agency for Calls for Service and Reported Crimes (total of 14 pages of reports)
- Motor Vehicle Theft Report – Fife (Delivered June 2023)
- Gun Violence Location Report - PCSD (Delivered June 2023)

These meetings also resulted in additional analytical requests from specific agencies regarding their violence crime trends and officer safety concerns. Federal partners were also engaged in meetings regarding gun violence and were provided with data regarding gun-involved cases.

CHRONOLOGICAL SUMMARY OF DELIVERABLES FOR FOCUS ACTIVITY 1 OBJECTIVES:

- Monthly dashboard report for Calls for Service (six pages of data analysis)
- Monthly dashboard report for Reported Crimes (eight pages of data analysis)
- November 2022: Exploratory Analysis for Person-based Risk Scoring
- October – December 2022: Agency specific customized dashboards for Tacoma, Lakewood and PCSD
- January – September 2023: Agency specific Customized Dashboards, Fife, Puyallup, and PCSD
- March 2023: Motel and Violent Crime Analysis – Fife
- June 2023: Violent Crime and Motor Vehicle Report – Fife
- June 2023: Motor Vehicle Report – Puyallup
- June 2023: Gun Violence Location Report – PCSD
- July 2023: Person and Gun Violence Incident Data to FBI Analyst (refer to Focus Area 2 for more information)

FOCUS ACTIVITY 2: IMPLEMENTATION OF CRIME REDUCTION STRATEGY FOR GUN VIOLENCE

Due to changes of PSN Committee agencies and other leadership changes the during the project period, a regional crime reduction strategy for gun violence was not able to be implemented. However, individual agencies of Fife and Puyallup demonstrated the most promising efforts to



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leverage evidence-based strategies to manage crime trends. Staffing challenges within the PCSD would need to be further evaluated and potentially transformed to support routine patrol intervention and/or prevention activities proven to be effective for gun violence reduction.

FOCUS ACTIVITY 3: PILOT OF AUTOMATED DATA PROCESSES AND TECHNOLOGY PLAN FOR INTELLIGENCE-LED POLICING STRATEGIES

The IDEA Analytics Project Team successfully implemented automated extraction-transform-load procedures to allow regional information sharing and data analysis within several interactive reports. This information was provided to all agencies for the Pierce County PSN project; however, only three agencies (i.e., Fife, Puyallup, and Pierce County) participated in the training and onboarding sessions to routinely access and leverage the data for their crime reduction strategies.

During this reporting period Fife, Puyallup, and Pierce County were deploying instances of Power BI to support data processes. While the pace of implementation varied (e.g., PCSD analyst used more frequently before being on medical leave), this demonstrates a forward-thinking initiative as more public safety agencies are relying on business intelligence tools like Power BI to support their routine data needs.

The interactive reports developed and deployed by IDEA Analytics were refreshed every month for Reported Crime, and weekly for Calls for Service to support routine data needs.

GRANT ADMINISTRATION ACTIVITIES

IDEA Analytics Project Team organized and facilitated routine meetings with the PSN Committee throughout the project period based on agreed schedules. This meeting schedule included residual impacts of the COVID-19 Pandemic in 2020 and into 2021, resulting in every-other month Committee Meetings. Agendas and action items were provided to all participants and for performance management reporting. Additional project management support was provided to contribute to agency-specific activities and demonstration of PSN pillars throughout the project.

Quarterly performance management reporting was completed within each quarter for the entire two-year period granted for this fiscal year funding. This reporting included the number of virtual meetings and technical assistance sessions held with agency staff, reporting and/or data provided, training modules delivered and/or engagement with analytical staff, and other advising activities.

Throughout the project period, PSN agencies were invited to virtual peer exchanges and/or webinars held by IDEA Analytics on topics related to crime reduction, gun violence, and analytics. PSN agencies also had access to IDEA LEA Community, a virtual community to access evidence-based research and resources to further support modern policing challenges.



**Thank you for allowing the IDEA Analytics Team to engage
with the Western Washington PSN Initiative.**



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