



CNA Embedded Analysts: On-Site Expertise for Real-Time Solutions

CNA embeds crime and data analysts within justice agencies to provide specialized training and ongoing operations support. With flexible options, our embedded analyst program delivers lasting value by equipping your agency with a strong foundation in analytical knowledge, capabilities, and processes. Our experienced crime analysts have worked with more than 40 agencies to integrate data-driven analysis into everyday operations, enhancing decision-making and public safety outcomes.

WHAT are embedded analysts?

CNA's embedded crime and data analysts offer unmatched expertise, combining their extensive experience as analysts within justice agencies and their specialized skills in teaching and advising. They excel in strategic, tactical, and administrative crime analysis and in enhancing analytic policies, practices, and systems to ensure your agency benefits from the highest level of professional support. Unlike other external consultants, CNA's embedded analysts can be physically co-located within your agency, allowing them to build close working relationships with staff and gain a deep understanding of your department's operations. They can help analyze crime and arrest data, calls for service, and other relevant datasets to support organizational efficiency and efficacy and enhance crime prevention efforts. They also offer tailored in-person and virtual training to build internal analytical capability.

WHY should your agency bring in an embedded analyst?

Through hands-on support and tailored training in best practices, CNA can help justice agencies accomplish the following:



Build and enhance technical analytic skills and department analytical products



Identify new applications of analysis to support decision-making



Enhance the use and integration of data into everyday operations



Engage in proactive crime prevention by identifying emerging crime trends and hotspots



Evaluate the effectiveness of programs, initiatives, and enforcement strategies



Enhance understanding of public safety activities and outcomes to improve transparency and increase trust from the community

WHO should consider the embedded analyst program?

With CNA's tiered service options, a wide range of agencies can take advantage of the benefits offered by CNA's embedded analysts, including local and state law enforcement agencies, local and state corrections agencies, and prosecutors' offices.

HOW can CNA's embedded analyst program help your agency?

CNA offers a fully customizable menu of options for agencies, at varying costs, to fit your organization's unique needs. Full service assistance may include multiday on-site support to assess your department's analytic capacities and deliver robust, customized training and operations support to build those capacities. Lower level assistance may include one-off virtual or in-person training or problem-solving sessions on a crime analytic topic of interest. These areas include the following:

- ✓ **Data automation:** Routinizing analysis for crime statistic reporting, offender workups, chief reports, repeat incidents, and more
- ✓ **Power BI dashboard development:** From building basic dashboards using clean, preprocessed data to developing complex interactive dashboard suites using integrated data



Data cleaning and support: Improving and modernizing data quality, system access, and record management system platform use



Technical skills: Providing training such as introductory courses on PowerBI and ArcGIS, advanced courses in Excel, and agency-wide workshops



Adoption of analysis: Educating department end users on the value of crime analysis and providing strategies and tangible analytic products and templates



About CNA

CNA is a not-for-profit analytical organization dedicated to the safety and security of the nation. With nearly 700 scientists, analysts, and professional staff across the world, CNA's mission is to provide data-driven, innovative solutions to our nation's toughest problems. It operates the Center for Naval Analyses—the Department of the Navy's federally funded research and development center (FFRDC)—as well as the Institute for Public Research. The Center for Naval Analyses provides objective analytics to inform the decision-making by military leaders and ultimately improve the lethality and effectiveness of the joint force. The Institute for Public Research leverages data analytics and innovative methods to support federal, state, and local government officials as they work to advance national and homeland security.

To learn more or request embedded analyst assistance from CNA, please contact Vivian Elliott at elliottv@cna.org.