



RESEARCH FOR JUSTICE SOLUTIONS

For over 15 years, CNA has applied research, analysis, and technical assistance to solve complex problems in the public and government sectors. We work with more than 380 agencies and organizations to analytically assess challenges and develop responses that promote public safety, reduce violence, prevent crime, address victim needs and services, and improve police and corrections operations. Through methodologically sound scientific research grounded in field operations analysis and assistance—and through our close connections with justice agency management and operations—we help local, state, and federal organizations achieve practical results that save lives, promote justice, and improve trust and accountability in justice system agencies.

JUSTICE RESEARCH LEADERS

A national leader in criminal justice research, we specialize in translating academic research into practice in the field. With projects addressing policing and corrections, CNA provides innovative analysis and solutions to challenging problems. By harnessing research findings, sophisticated analysis and a robust understanding of systems, we encourage our nation's criminal justice leaders to approach problems differently, with an evidence base that promotes safety, effectiveness, and efficiency.

RESEARCH-INFORMED PRACTICE

CNA conducts evaluative and action-oriented research grounded in operational realities. Our research on the impact of technology in the justice system—through studies of body-worn cameras, correctional officer safety, common operational picture programs, and critical incident response—informs the criminal justice field about promising practices and opportunities for improvement. With funding from the National Institute of Justice, we have conducted a variety of research studies, including the following:

- A randomized experiment with body worn cameras in the Las Vegas Metropolitan Police Department that produced strong evidence that the cameras reduce use of force incidents and complaints against police officers, increase proactive policing responses, and save money.
- A study to identify how protective equipment usage in adult correctional facilities affects officer injuries and safety.

- A comprehensive analysis of law enforcement agency use of common operational picture technology, which allows multiple agencies to share information during emergencies.

CNA also works with law enforcement agencies in diverse locations—including Fayetteville, North Carolina; Las Vegas, Nevada; Philadelphia, Pennsylvania; Spokane, Washington; Maricopa County, AZ; Charleston, SC; Albuquerque, NM; and Puerto Rico—on comprehensive analyses of use of force incidents, traffic stops, complaints, police shootings and community engagement practices. Through such analyses, we identify opportunities for law enforcement agencies to implement improvements in training, investigations, community engagement, and procedural justice. In each instance, our research has resulted in significant reductions in complaints against police, use of force incidents, police shootings, and increased community partnerships. As a result of our work, the Las Vegas and Philadelphia Police Departments for example, reduced their officer involved shootings by 50 percent within a few years.

PROTECTING OUR POLICE AND COMMUNITY

Our research aims to understand how to keep police and community members safe, protect victims from harm and support them in the aftermath of harm, and proactively prevent crime in different community and organizational environments.

- Our research on police ambushes in the United States has identified factors in the likelihood of an ambush against an officers—both environmental (e.g., violent crime rate, recruitment standards) and incident-related (e.g., perpetrator criminal record)—as well as survivability factors that protect officers from such ambushes (e.g., lighting conditions, distance from an assailant, use of cover).
- Our reconstruction and after-action analyses of critical incidents involving police (e.g., police shootings, police ambushes) provide direct evidence to police officers on what they are doing well in these situations and what needs improvement.

SCIENCE-BASED RESEARCH

Our research uses sophisticated methodologies and statistical analysis techniques, producing scientifically valid, peer-reviewed findings that add to the knowledge base of what works and that enable law enforcement agency leaders to confidently forge positive change in their communities. Our in-depth assessment of use of deadly force polices and practices contributed to significant reductions in police shootings of civilians in Las Vegas, Spokane, and Philadelphia. In addition, we conducted the first comprehensive set of analyses on the topic of ambushes against police in more than two decades, which provides a staging ground for future research.

NETWORK OF RESEARCH PRACTICE

We work with practitioners—from leaders to line officers—to conduct and interpret research and apply it to practice. We also work with top academic researchers and methodologists from across the country and with professional crime analysts and information system experts, both within and outside justice agencies. Our strong network of practitioner-oriented and academic researchers produces consistently excellent and useful research and analysis.

Our team also promotes a network of research practice through outreach activities. We host several executive sessions each year on emerging topics and challenges in the justice system, such as officer safety and wellness, justice and public health collaborations on opioid abuse, police early intervention systems, and police organization transformation. Each session includes dialogue and interactions among local, state, and federal leaders, researchers, and practitioners, identifying both positive research impact and further research opportunities.

ABOUT CNA CORPORATION

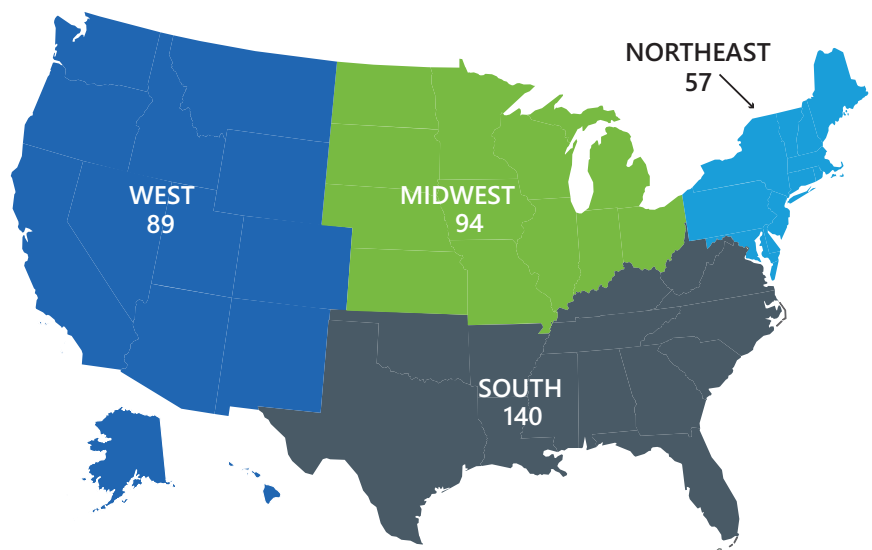
CNA is a not-for-profit research and analysis organization with 75 years of experience providing government agencies with data-driven insights and real-world, actionable solutions grounded in our direct experience with the operational environments where these solutions are applied. CNA developed the foundational techniques for operational analysis to address complex challenges facing government programs. We have applied these techniques successfully in areas ranging from defense to aviation, education, justice, and homeland security.

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CNA WORKS WITH OVER 380 LAW ENFORCEMENT AGENCIES ACROSS THE COUNTRY



OUR SKILLS

Law Enforcement Operations Analysis | Law Enforcement Agency Assessment | Technology Assessment | Critical Incident Reconstruction and Review | Curriculum Development | Multifaceted and Virtual Training and Technical Assistance Delivery | Meeting Planning and Facilitation | Policy and Program Development, Implementation, and Evaluation | Organization Change Management | Cost-Benefit Analysis | Research Design Using Quantitative and Qualitative Analysis