

Bay Area UASI Annual Report FY 2015-2016



Bay Area Urban Areas Security Initiative

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For more information on Bay Area UASI, visit our website at www.bayareauasi.org.

This document was prepared under a grant from FEMA's Grant Programs Directorate, U.S. Department of Homeland Security. Points of view or opinions expressed in this document are those of the authors and do not necessarily represent the official position or policies of FEMA's Grant Programs Directorate or the U.S. Department of Homeland Security.

General Manager's Letter



This year, the Bay Area UASI delivered a number of successful projects that enhanced regional homeland security capabilities, particularly as we prepared for large scale events such as Super Bowl 50 and the Golden State Warriors' NBA Championship parade.

The Bay Area's nationally renowned annual Urban Shield exercise involved more than 200 public/private sector partners and 4000 volunteers. Over 50 full scale exercise scenarios and hundreds of first responders were deployed throughout the region. The Yellow Command scenario tested real time situational awareness between

on-scene first responders and 20 participating Emergency Operations Centers. In preparation for Super Bowl 50, a full-scale evacuation drill using 500 volunteers, was held at Levi's Stadium. A Large Scale Event Concept of Operations plan template was successfully developed and used to plan for Super Bowl 50 game day.

This year, we are proud to report that several of our accomplishments received state and federal recognition. At the state level, our "Just in Time" EOC training video series, produced by the Regional Catastrophic Planning Team, received the California Emergency Services Association's state level Gold Award for exceptional efforts in the field of emergency management. At the federal level, FEMA included a number of Bay Area projects in a case study of innovative practices. Upon approval by the White House, these practices will appear in the 2016 National Preparedness Report and be featured on the FEMA.gov website.

Our fiscal team continued its excellent work by successfully monitoring 18 jurisdictions and processing over \$23.7 million dollars in expenditures. To enhance efficiency and effectiveness, our administrative staff updated our UASI website and added a new online grant management system featuring processes for submitting grant applications and invoices.

These are just a few of the accomplishments we are proud to share with you in this year's Annual Report. Many thanks to the UASI Management Team's hard-working staff, the subject matter experts in our working groups, and the leadership of our Approval Authority members. Our region's continued collaboration demonstrate a commitment to build capabilities and close critical gaps that pose a threat to the safety of our communities and the security of the Bay Area region.

Craig Dziedzic

Our Mission



Prevent, protect against, mitigate, respond to, and recover from terrorist incidents and catastrophic events.

Our Region



• Over 16 million visitors per year



• Total population exceeding 8.2 million residents



• More than 100 incorporated cities



• 3 major international airports

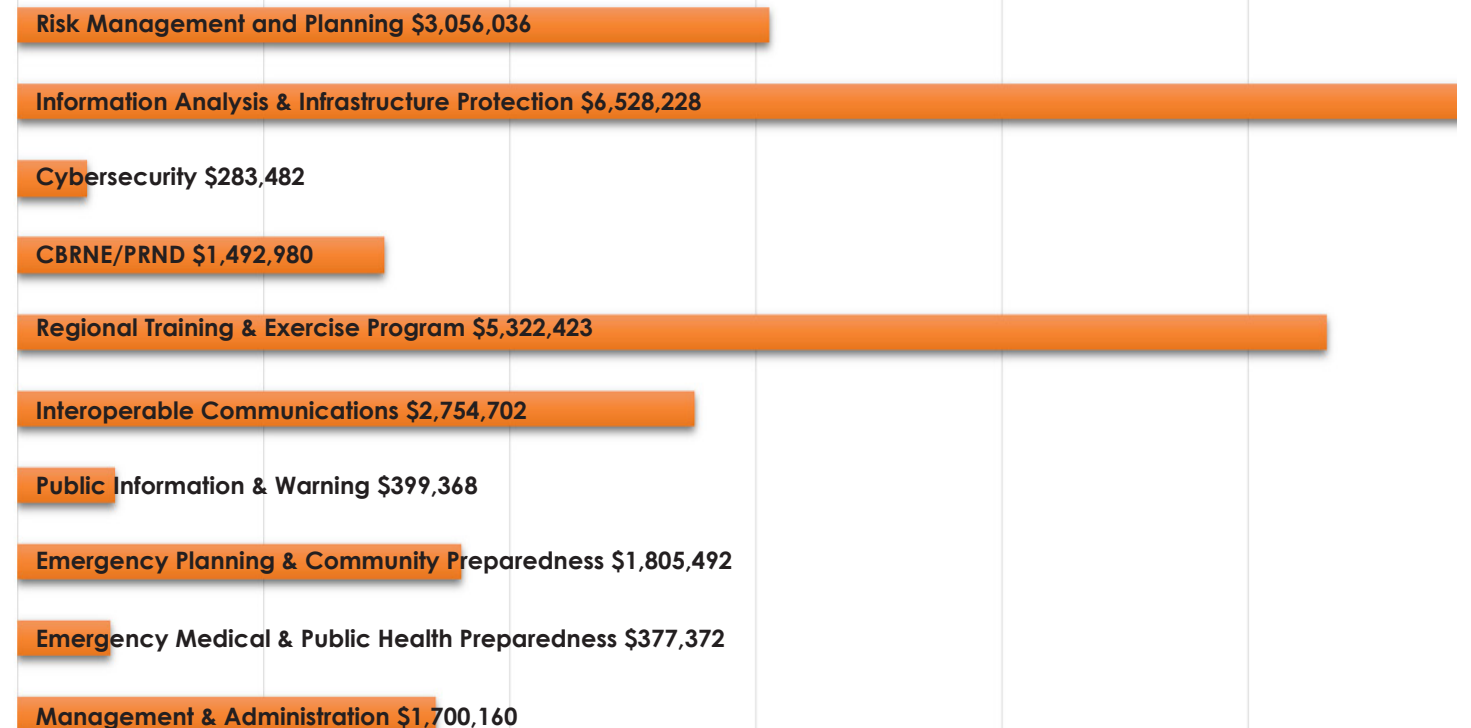


• 7 professional sports teams



• 20th largest economy worldwide

Expenditures



Risk Management & Planning



Coordinating efforts to provide security

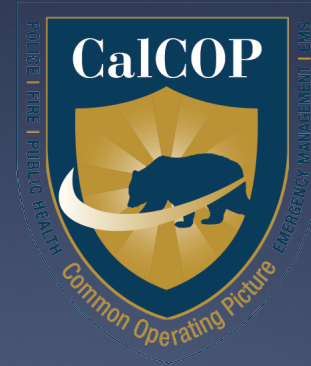
Our Risk Management and Planning program identifies and catalogs threats to critical infrastructure and key resources, calculates the region's ability to counter those threats, and provides a risk-based methodology for prioritizing future investments.

Proactive and coordinated planning efforts are necessary to strengthen and maintain secure, functioning, and resilient critical systems that are vital to public confidence and the region's safety, prosperity, and well-being. To guide the Bay Area UASI in its efforts to identify critical capability gaps, sophisticated risk management technology is utilized to determine priority capability objectives for regional investments.



- Developed large scale event concept of operations; provided operational support during **Super Bowl 50**
- Updated and prioritized over 15,000 **Critical Infrastructure** and **Key Resource** assets.
- Completed the **Threat and Hazard Identification and Risk Assessment (THIRA)** utilizing regional subject matter experts.

Information Analysis & Infrastructure Protection



Connecting the dots

The Information Sharing & Infrastructure Protection Program collects and disseminates pertinent threat and criminal activity data across traditional jurisdictional boundaries to enhance regional capabilities.

The Bay Area UASI has developed a number of information sharing projects designed to identify and mitigate future attacks on critical infrastructure and key resources, including: assigning local representatives to the region's fusion center, investing in statewide common operating picture technology used by all eight California UASIs, and developing and adopting policies and procedures to integrate systems between, local, state, and federal partners.



- Synchronized WebEOC and Cal COP at the Super Bowl's **Multi-Agency** Command Center.
- Conducted 28 suspicious activity reporting courses for over **1100 public safety** officials.
- Selected as a **FEMA case study** highlighting Bay Area initiatives (scheduled to be featured in the 2016 National Preparedness Report).
- Enhanced law enforcement agencies ability to share criminal activity & terrorist information across jurisdictional boundaries.



Reducing the threat

Today's critical infrastructure is increasingly dependent on networks and systems that are vulnerable to cyberattack. Cyber threats are not bound by geographic locations and malicious actors are becoming increasingly adept and sophisticated at exploiting vulnerabilities. The region's Cyber Security program focuses on reducing the risk and mitigating the impacts of an inevitable attack.

Through collaborative partnerships between public safety agencies, the Northern California Regional Intelligence Center (NCRIC) and its team of cyber analysts conduct vulnerability assessments, penetration testing, and prevention training to address this regional threat.



- Conducted **cyber defense** vulnerability testing for regional government agencies.
- Created and staffed a **Digital Forensic Evidence Lab** at the Northern California Regional Intelligence Center- handled 140 cases in 2015.
- Provided **cyber threat monitoring** support for large scale events.
- Delivered presentations and briefings at numerous **statewide and national** conferences.



Preparing our first responders

The Chemical, Biological, Radiological, Nuclear and Explosives (CBRNE) Program builds regional capabilities in response to the threat of toxic industrial chemicals or biological agents. Our Preventive Radiological/Nuclear Detection (PRND) Program leads efforts to ensure that radiological and nuclear materials or explosives are not used as weapons of mass destruction.

The Bay Area UASI has conducted regional gap analyses and assessments to guide the purchase of specialized hazardous materials detection and biological response equipment. The development of regional policies and procedures and the purchase of this specialized detection equipment for law enforcement and explosive ordnance hazardous materials teams enhances the PRND program.

- Utilized UASI-funded CBRNE equipment including portable Radiological Isotope Identification Devices (RIID) during **Super Bowl 50**.



- Participated in Bay Ferry IV, a full scale **regional maritime** preparedness exercise.
- Aligned **Preventive Nuclear Detection Program & Area Maritime Security Committee** concept of operations.



Regional Training & Exercise Program



Honor the past, train for the future

The Regional Training and Exercise program tests, evaluates, and enhances the proficiency of the Bay Area's first responders. Our Multi-Year Training and Exercise Plan addresses regional goals and promotes training and exercise opportunities for the emergency response workforce.

We also proudly support Urban Shield, the region's nationally renowned full scale exercise, featuring real life scenarios that test the capabilities of Police, Fire, EMS, Public Health, and Emergency Management.

Conducted the 9th annual Urban Shield with over **5,400 participants** and **58 scenarios**.



Conducted 139 Classes and trained over **4,400 students**.

Interoperable Communications

Loud and Clear

When first responders cross jurisdictional boundaries, we want to make sure they're equipped to talk to each other. That's the job of the regional Interoperable Working Group and the BayRICS Joint Powers Authority.

We have developed regional policies and procedures to ensure our first responders have standardized, interoperable equipment. The Bay Area UASI also made investments in compatible infrastructure and handheld devices, and leveraged funding to support regional governance and planning. We're also incorporating technological advancements such as broadband to support advanced emergency communications.

- Directed key management resources towards the development of FirstNet, a dedicated **public safety broadband network**.



- Provided interoperable radios to our first responders, and tested **regional capability** during the Urban Shield exercise.

Public Information & Warning



Alerts on the go

Public Information & Warning Systems deliver prompt, clear, specific, accurate, and actionable emergency messages to the public. Local government officials utilize mass notifications to disseminate public safety bulletins and warnings in an efficient and effective manner.

The Bay Area UASI leveraged a regional emergency public information and warning strategic plan that includes recommendations for the crafting and dissemination of important information to the public. Additionally, virtual software tools, simulated news, and social media feeds, were used to train our Public Information Officers and Emergency Managers as they develop and deliver these messages.

- Conducted Joint Information System training for Public Information Officers to **improve communication techniques and skills.**



- Launched a **mass notification system** under a master multi-jurisdictional contract.

Emergency Planning & Community Preparedness

Incorporating the whole community

The Emergency Planning and Community Preparedness Program develops plans to manage and mitigate the effects of large-scale disasters throughout the Bay Area. Prepared communities help prevent or minimize the loss or damage to life, property, and the environment. Working collaboratively, Bay Area jurisdictions have developed comprehensive regional plans to identify gaps, prioritize needs, and leverage resources to foster greater resiliency.

The Bay Area Regional Catastrophic Planning Team utilizes a “whole community” approach to enhancing regional capabilities. By developing public/private partnerships and alliances, providing toolkits and templates, and conducting trainings for emergency management officials, the program has increased the region’s ability to manage adversity.

- UASI-funded Emergency Manager **Mutual Aid (EMMA)** plan used to deploy OES personnel during Valley Fire



- Received the 2015 **Gold Award** from the California Emergency Services Association for the “Just in Time” EOC video training series
- Vetted the Large Scale Events Concept of Operations Plan template during **Yellow Command**- used during Super Bowl 50



Emergency Medical & Public Health Preparedness

Protecting Community Health

Emergency Medical and Public Health Preparedness provides planning for lifesaving medical treatment and public health support and our regional partnerships with the Medical Working Groups and Public Health Associations strengthen response capabilities.

Our working group collaboratively plans for mass vaccinations during a medical or public health emergency. They developed a website and training materials to provide regional support for Public Health entities. Through Multi-agency Mutual Aid agreements, planning and coordination between hospitals, and access to specialized medical equipment, response capabilities to public health emergencies have been enhanced.

- Invested in specialized operational equipment including **rapid DNA analysis** tools, and **simulation aids** for enhancing **traumatic response capabilities**.



- Developed Incident Response Guides & **Multi Agency Coordination Guidebooks** with our partners from the Association of Bay Area Health Officials, and the Bay Area Mass Prophylaxis Working Group.

