Bay Area UASI

Urban Areas Security Initiative

FY 2014-2015 Annual Report

Alameda | Contra Costa | Marin | Monterey | Napa | San Benito | San Francisco | San Mateo | Santa Clara | Santa Cruz | Solano | Sonoma

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General Manager's Letter

I am pleased to provide the Fiscal Year 2014-15 Bay Area UASI Annual Report which highlights key activities and major program accomplishments that have enhanced the region's goals and capability objectives. It has been a year filled with significant achievements and increased regional collaboration. This past year, we continued to use our risk and gap analysis tools to support investment decisions in the key areas of radiological and nuclear detection capabilities, cyber security, recovery and resiliency, and training and exercise.

Significant work has been done to strengthen our radiological and nuclear detection, prevention, and response capabilities. Working with the federal Domestic Nuclear Detection Office (DNDO) and state and local agencies, we developed a Preventative Radiological Nuclear Detection (PRND) program; consequently, a regional Concept of Operations was completed. We also used our regional procurement process to identify, purchase, and distribute needed portable rad-nuc equipment to first responders.

Nationally, the risk to cyber networks has risen in prominence with a number of high profile hacking incidents. Using UASI grant funds, the Northern California Regional Intelligence Center (NCRIC) developed a team of cyber analysts and procured equipment to detect and respond to real -time network intrusions. They have also begun providing cyber security vulnerability assessments to regional governmental agencies.

Through collaboration with non-governmental organizations, the Regional Catastrophic Planning Team successfully developed and distributed multiple plans, tools, and resources for use during the recovery phase after a disaster. These efforts strengthened emergency planning and citizen preparedness by enhancing the Bay Area's recovery and resiliency capabilities.

Overall, training and exercises remained key components of regional preparedness. First, this year's Yellow Command scenario in Urban Shield simulated a mass casualty incident to test EOC/hospital coordination of medical surge and patient tracking abilities. Thereafter, in order to prepare for a large-scale public health emergency, we conducted a mass dispensing exercise, complementing the CDC's Cities Readiness Initiative. The exercise evaluated the region's ability to quickly receive and distribute medicine and medical supplies. As we approach Super Bowl 50, a number of tabletop exercises and the 2015 Yellow Command scenario will be designed to support large scale event coordination.

All these activities would not be possible without your continued support and dedication. To the hard-working members of the Management Team, to the subject matter experts in our working groups, and to the leadership of the Approval Authority, I wish to express my sincere thanks. Our region's continued collaboration demonstrates a commitment to closing the gaps that pose a threat to our security. I look forward to the year ahead, confident that we will continue this mission.

Sincerely,

Craig Dziedzic

OUR MISSION

The mission of the Bay Area Urban Areas Security Initiative is to improve regional capacity to prevent, protect against, mitigate, respond to, and recover from terrorist incidents and catastrophic events.

OUR REGION

- *Twelve Counties*

- *Three major cities of San Francisco, Oakland, and San Jose*

- *Over 100 incorporated cities (urban, suburban, and rural)*

- *A combined total population exceeding 8.2 million*

- *Over 16 million visitors per year*

- *Over 16,000 identified pieces of critical infrastructure and key assets*
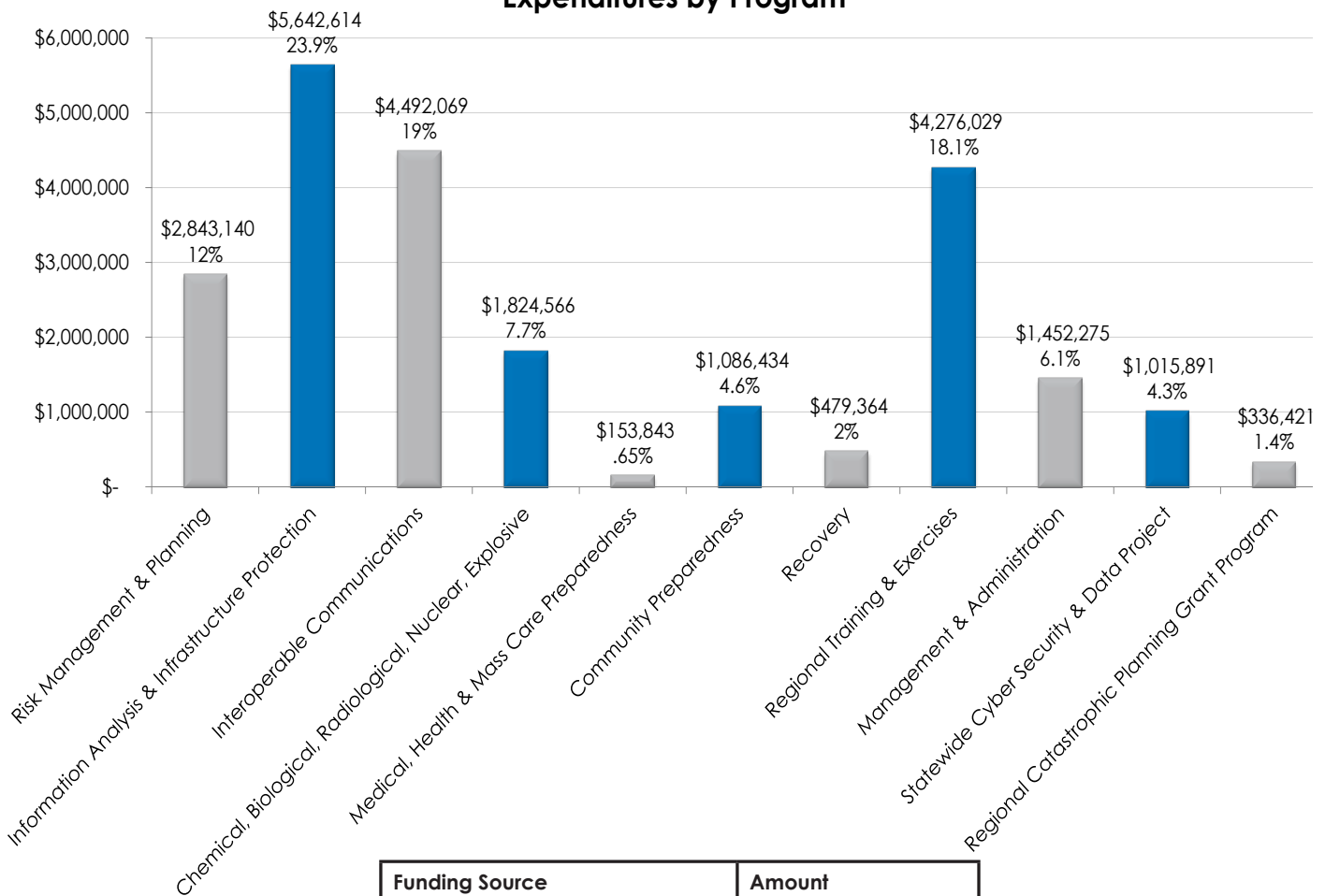
Grant Expenditures

As the fiscal agent for all homeland security grant funds awarded to the Bay Area, the Grants Team is responsible for all aspects of the grant cycle, from application to close-out. Their duties include: managing awarded grant funds, developing Memoranda of Understanding (MOUs), and assisting jurisdictions in meeting Federal and State grant compliance requirements.

The fiscal year 2014 grant award to the Bay Area UASI was $27,242,000. Chief Financial Officer Tristan Levardo and his team completed 28 monitoring visits to subrecipient jurisdictions and provided recommendations as needed to ensure the success of future audits. Since July 1, 2014, the Grants Team reimbursed over $23.6 million dollars in expenditures from the FY 11, FY 12, and FY 13 grants.

The chart below indicates grant expenditures, by program, for each UASI goal:

Expenditures by Program

Program	Amount	Percent
Risk Management & Planning	$2,843,140	12%
Information Analysis & Infrastructure Protection	$5,642,614	23.9%
Interoperable Communications	$4,492,069	19%
Chemical, Biological, Radiological, Nuclear, Explosive	$1,824,566	7.7%
Medical, Health & Mass Care Preparedness	$153,843	.65%
Community Preparedness	$1,086,434	4.6%
Recovery	$479,364	2%
Regional Training & Exercises	$4,276,029	18.1%
Management & Administration	$1,452,275	6.1%
Statewide Cyber Security & Data Project	$1,015,891	4.3%
Regional Catastrophic Planning Grant Program	$336,421	1.4%

Funding Source	Amount
Urban Areas Security Initiative	$23,266,225
Regional Catastrophic Planning Grant Program	$336,421
Total:	**$23,602,646**

Recovery & Resiliency

OVERVIEW

The Regional Catastrophic Planning Team (RCPT), chaired by Project Manager Corinne Bartshire, unites emergency management, public safety officials, private sector businesses, and non-profit groups to plan for regional recovery. This year, the group worked in partnership with CalOES and FEMA to develop a portfolio of recovery planning tools. These tools, designed to be used by local governments in preparation for events such as the recent Napa earthquake, are all available for download on the Bay Area UASI website. In fiscal year 2014-15 the Bay Area UASI expended over $1.9 million dollars towards enhancing the region's recovery and resiliency capabilities.

KEY ACCOMPLISHMENTS

- *Distributed 42 Continuity of Operations / Continuity of Government (COOP/COG) Toolkits to the 12 Op Areas and 2 major cities*

- *Completed Disaster Recovery Frameworks (DRF) and Recovery Support Functions (RSF) for Oakland, San Francisco, and San Jose and developed templates for all other local governments*

- *Developed a guidebook and tools for requesting permit and regulation waivers during disaster recovery*

Medical & Public Health

OVERVIEW

Project Manager Dr. Eric Shanks, who chairs the Medical/Public Health working group, formed a regional partnership with the Bay Area Mass Prophylaxis Working Group (BAMPWG), the Medical Health Operational Area Coordinators (MHOAC), and the Association of Bay Area Health Officials (ABAHO) to collaborate on strengthening medical and public health response capabilities for the region. In conjunction with the CDC's Cities Readiness Initiative, over $150,000 was expended during fiscal year 2014-15 to fund an exercise to test the region's ability to provide a mass dispensing of vaccinations. The working group also developed the website www.bayareadisastermeds.org which includes training materials for public health departments in the event of a mass incident.

KEY ACCOMPLISHMENTS

- *Tested patient tracking abilities during a mass casualty exercise at Bay Area hospitals, including Stanford Hospital*

- *Used seasonal flu vaccination process to test National Strategic Stockpile dispensing operations*

- *Ebola and anthrax mitigation procedures were tested in some operational areas*

- *Created a mass fatality training video for emergency operation center staff*

CBRNE Enhancement Program

OVERVIEW

Preparing for chemical, biological, radiological, nuclear, and explosive (CBRNE) incidents is a regional priority. During the recent World Series parade, CBRNE equipment such as bomb squad and hazmat vehicles, rad-nuc detection equipment, and mobile command centers were deployed to ensure public safety. In fiscal year 2014-15, the region expended over $1.8 million on CBRNE-related programs.

To further develop intelligence and risk-based CBRNE screening, search and detection deployment protocols, the CBRNE working group partnered with Lawrence Livermore National Laboratories and the Domestic Nuclear Detection Office (DNDO) to develop a regional Preventative Radiological and Nuclear Detection (PRND) Program. Led by Project Managers Phil White and Bruce Martin, participants from the FBI, the Northern California Regional Intelligence Center (NCRIC), state agencies, and the Neptune Coalition worked together to ensure a unified planning effort.

KEY ACCOMPLISHMENTS

- *Developed a Concept of Operations (CONOPS) for the PRND program*

- *Purchased portable radiation detection equipment for first responders through the regional procurement process*

- *Procured specialized equipment, including bomb squad trailers and robot upgrades, plume modeling software, and rescue carts for the BART Trans-Bay Tube*

Training & Exercise Program

The Regional Training and Exercise Program (RTEP) is a comprehensive, multi-disciplinary program dedicated to improving the skills and abilities of public safety officials in the Bay Area. Hosted by the Alameda County Sheriff's Office and managed by Commanders Dennis Houghtelling and Tom Wright, course offerings are derived from a multi-year training and exercise plan. In 2014, 138 classes were conducted and 3,796 students received training. More than 5,000 participated in the 8th annual Urban Shield exercise. In fiscal year 2014-15, the Bay Area UASI expended over $4.2 million dollars for the Training and Exercise program.
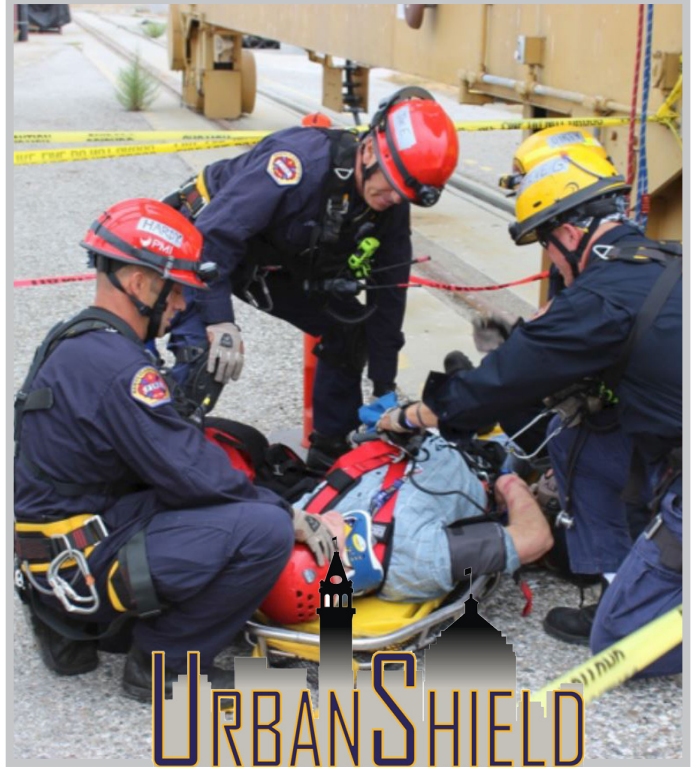

KEY ACCOMPLISHMENTS

- *More than 11,600 registered participants in the RTEP*
- *Expanded Yellow Command in Urban Shield to further incorporate Emergency Management and Emergency Operations Center roles*
- *Redesigned www.bauasitep.org website to allow online course registration, certificate downloads, and training course requests*

Communications

OVERVIEW

Enhancing the region's communication abilities is a core goal of the Bay Area UASI. By employing strategies to improve interoperable communications, public safety officials are more equipped than ever to communicate when crossing jurisdictional boundaries in a response to mutual aid calls for service.
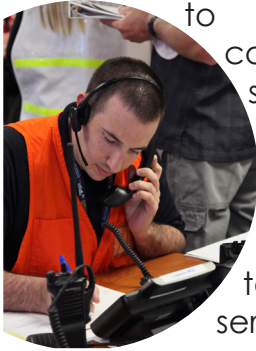
The Bay Area UASI has also collaborated with FirstNet to develop access to dedicated broadband networks for public safety officials. Project Manager Srijesh Thapa and the Interoperable Working Group have collaborated with the BayRICS Joint Powers Authority to coordinate the build-out and operation of wireless voice and data networks that serve over 25,000 first responders to protect the life and property of Bay Area residents and visitors.

To improve the delivery of public information communications, the Bay Area UASI tested a regional Joint Information System for officials. Work also commenced on a regional mass notification and public warning system which will assist in the coordinated dissemination of information, alerts, warnings, and notifications. In fiscal year 2014-15 the Bay Area UASI expended over $4.5 million dollars to improve these communications abilities in the region.

KEY ACCOMPLISHMENTS

- *Coordinated a regional Public Information & Warning project to ensure consistency with the Common Alerting Protocol (CAP) and Integrated Public Alert and Warning Systems (IPAWS)*

- *Conducted regional training for Public Information Officers using the Joint Information System*

- *Deployed a 900MHz test system to improve regional interoperability*

- *Purchased 320 P25 compliant radios for first responders in the Bay Area*
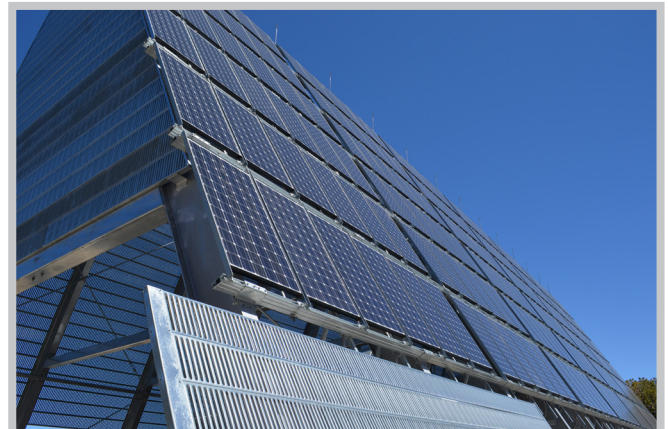
Risk Management & Information Sharing

OVERVIEW

The Bay Area UASI expended over $8.4 million dollars in FY 2014-15 on risk management, information sharing & infrastructure protection programs. The Risk Management Program, led by Project Manager David Frazer, categorizes the region's assets and calculates the threat risk and our ability to mitigate and respond to those threats.

The Bay Area UASI is also dedicated to enhancing the region's ability to share and distribute pertinent information about suspected terrorist threats and activities across geographical and jurisdictional boundaries. The Northern California Regional Intelligence Center (NCRIC) facilitates this communication between federal, state, local, and private sector entities.

To enhance regional cyber security, the NCRIC employs a team of cyber analysts using cutting edge Intrusion Prevention Systems (IPS) hardware that provides real-time detection of network intrusions. The NCRIC has also partnered with the California Coalition of UASIs (CCU) to develop the cloud based California Common Operating Picture (CALCOP) software to provide for situational awareness to public safety officials.

KEY ACCOMPLISHMENTS

- *Distributed biweekly Homeland Security briefings to over 15,000 subscribed law enforcement partners*

- *Trained over 1800 public safety officials in terrorism identification and reporting techniques*

- *Received 669 Suspicious Activity Reports and submitted 274 of these to the FBI*

- *Invested in systems such as Coplink, and Aires to share information across jurisdictions*