



**To: Bay Area UASI Approval Authority**

**From: Amy Ramirez, Regional Project Manager – Training & Exercise**

**Date: November 9, 2023**

**Re: Item 6: Risk Management Program Update**

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**Staff Recommendation:**

- A. Approve 2023 SPR for submission to FEMA

**Action or Discussion Items:**

- A. Action
- B. Discussion

**A. 2023 SPR (Action)**

**Background:**

FEMA requires that all Homeland Security Grant recipients submit the Threat and Hazard Identification and Risk Assessment (THIRA) every three years, and the Stakeholder Preparedness Review (SPR) each year. The THIRA helps communities understand risks and identify the capabilities needed to address those risks. The SPR provides a framework to assess a community's capacity to address the threats and hazards identified in the THIRA.

The THIRA and SPR do not affect the amount of funding the Bay Area UASI receives from the Department of Homeland Security however, the significance of the process has increased due to new grant requirements to identify critical gaps.

**Discussion:**

Today, the completed 2023 SPR documents are being presented to the Approval Authority for approval for submission to FEMA. The 2023 SPR was developed with input from stakeholders and subject matter experts from across the region via questionnaires and workshops.

The 2023 SPR document is For Official Use Only (FOUO) and has been prepared following FEMA's formatting specifications. It is available to Approval Authority members in hard copy at today's Approval Authority meeting and electronically by request.



**B. FY24 Funding Formula (Discussion)**

**Background:**

The Bay Area UASI uses Department of Homeland Security’s Metropolitan Statistical Area (MSA) risk formula to guide the portioning of grant dollars among the Bay Area four hubs using risk criteria. We have used the following hub funding formula for the past eleven years:

$$\textit{Population risk (49\%)} * \textit{Asset risk (29\%)} * \textit{Economic risk (22\%)}$$

Haystack Technology calculates population risk using census, density, and commuter data. This data from the U.S. Census Bureau is updated every five years. Asset risk is determined by threat, vulnerability, and consequence data from the Bay Area UASI asset catalog in Cal COP. Economic risk is calculated by using Gross Domestic Product (GDP) by Metropolitan Statistical Area (MSA) and industry data from the U.S. Bureau of Economic Analysis (BEA). Updated BEA data is available every three years. The combination of the three weighted risk elements (population, asset, and economic) determines each hub’s overall percentage of risk in the region.

**Discussion:**

Last year, the Approval Authority approved a three-year freeze on changes to the hub allocation risk percentages. This approach better aligns with the availability of population and economic data and mitigates the expense of refreshing the data annually.

The FY24 hub risk allocation percentages replicate the FY23 allocation and are presented in Table 1, below.

**Table 1**

<b>Hub</b>	<b>FY 2024 Allocation Percentage</b>
East	<b>22.84%</b>
North	<b>6.11%</b>
South	<b>24.91%</b>
West	<b>46.14%</b>
<b>TOTAL</b>	<b>100%</b>