



To: Bay Area UASI Approval Authority
From: Catherine Spaulding, Assistant General Manager
Date: April 9, 2015
Re: Item 7: FY15 Hub Funding Formula

Staff Recommendations:

Approve the proposed FY15 hub funding formula

Action or Discussion Items:

Action

Discussion:

The Bay Area UASI uses FEMA's state and MSA risk formula to guide the portioning of grant dollars among the four hubs using risk criteria. Now that FEMA has released their FY15 formula, the Management Team can propose the hub funding formula for the FY15 grant.

FEMA's updated risk formula has no significant changes, and so the proposed hub funding formula for FY15 is the same as last year (and remains unchanged since 2009):

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

Haystax Technology combines these three weighted risk elements to determine each hub's overall percentage of risk in the region. Based on DHS' funding formula, population risk is calculated using census, density, visitor, and commuter data; asset risk is calculated using threat, vulnerability, and consequence data from the Bay Area UASI asset catalog in Cal COP; and economic risk is calculated using GDP by MSA and industry data from the U.S. Bureau of Economic Analysis.

Although the formula remains the same, there is now more recent asset data to input into the hub funding formula, and so there are very slight changes to the risk percentages among the hubs as compared to FY14. Please note that this updated asset data was shared with the Approval

Authority in August of 2014. Please also note that economic and population data elements are refreshed every two years and will again be updated in 2016.

Hub	FY 2014 Allocation Percentage	FY 2015 Allocation Percentage
East	25.27%	24.16%
North	7.50%	8.34%
South	25.77%	25.20%
West	41.46%	42.29%
	100%	100%