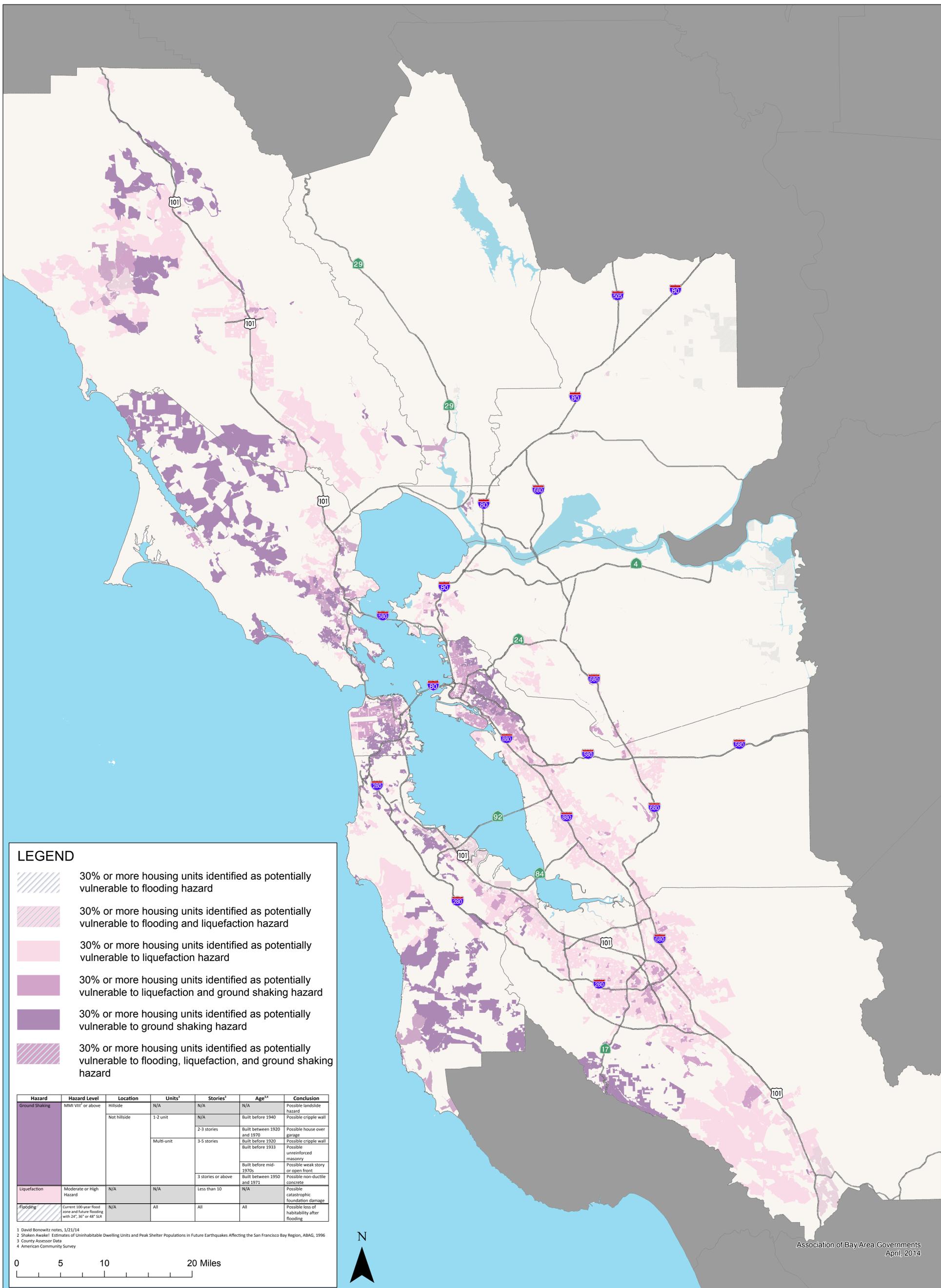
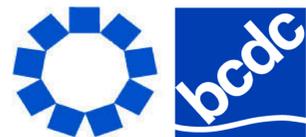


BAY AREA HOUSING AND COMMUNITY MULTIPLE HAZARD RISK ASSESSMENT



LEGEND

- 30% or more housing units identified as potentially vulnerable to flooding hazard
- 30% or more housing units identified as potentially vulnerable to flooding and liquefaction hazard
- 30% or more housing units identified as potentially vulnerable to liquefaction hazard
- 30% or more housing units identified as potentially vulnerable to liquefaction and ground shaking hazard
- 30% or more housing units identified as potentially vulnerable to ground shaking hazard
- 30% or more housing units identified as potentially vulnerable to flooding, liquefaction, and ground shaking hazard

Hazard	Hazard Level	Location	Units ¹	Stories ²	Age ^{3,4}	Conclusion
Ground Shaking	MMMI VIII ¹ or above	Hillside	N/A	N/A	N/A	Possible landslide hazard
		Not hillside	1-2 unit	N/A	Built before 1940	Possible cripple wall
			2-3 stories		Built between 1920 and 1970	Possible house over garage
		Multi-unit	3-5 stories		Built before 1920	Possible cripple wall
			3 stories or above		Built before 1933	Possible unreinforced masonry
Liquefaction	Moderate or High Hazard	N/A	N/A	Less than 10	N/A	Possible weak story or open front
Flooding	Current 100-year flood zone and future flooding with 24", 36" or 48" SLR	N/A	All	All	All	Possible loss of habitability after flooding

1 David Borowitz notes, 1/21/14
 2 Shaken Awake! Estimates of Uninhabitable Dwelling Units and Peak Shelter Populations in Future Earthquakes Affecting the San Francisco Bay Region, ABAG, 1996
 3 County Assessor Data
 4 American Community Survey

0 5 10 20 Miles



Association of Bay Area Governments
 April, 2014

