

## **Seismic Hazard and Risk at Transform Plate Boundaries**

### ***Post-Work***

#### **Part 1**

Most of California's population is concentrated in large cities near the plate boundary. The statewide probability map suggests that overall, there is a 99% chance of a damaging  $M=6.7$  or greater earthquake occurring somewhere in the state in the next 30 years. Should resources for earthquake preparedness be spread evenly across the state? Explain your reasoning using a set of 2-3 sentences or bullet points, supported with information from this unit.

## **Part 2**

Based on your risk assessment of the five schools in this activity, make the case for funding upgrades to buildings at two schools. Prepare a set of bullet points to be presented to the City of San Francisco that uses data from your analysis to support your recommendations. If additional measures are necessary to mitigate risk at other schools, outline them and support them as well.