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## Earthquake Shaking Potential for California

## 2008

D. Branum<sup>1</sup>, S. Harmsen<sup>2</sup>, E. Kalkan<sup>1</sup>, M. Petersen<sup>2</sup> and C. Wills<sup>1</sup>

California Geological Survey, <sup>2</sup>United States Geological Survey

This map shows the expected relative intensity of ground shaking and damage in California from anticipated future earthquakes. The shaking potential is calculated as the level of ground motion that has a 2% chance of being exceeded in 50 years, which is the same as the level of ground-shaking with about a 2500 year average repeat time. Although the greatest hazard is in areas of highest intensity as shown on the map, no region is immune from potential earthquake damage. Expected earthquake damage in California in the next 10 years exceed \$30 billion.

