



OCFA Disaster Preparedness Fact Sheet

According to the U.S. Geological Survey, the likelihood of a California earthquake of magnitude 7.0 or greater in the next 30 years is 75 percent. (*"San Andreas All Set for a Major California Earthquake."* *The Weather Network. May 2016*).

The likelihood of a major California earthquake of magnitude 7.5 or greater in the next 30 years is 46 percent, and such a quake is most likely to occur in the southern half of the state. (*"The Uniform California Earthquake Rupture Forecast, Version 3."* *Working Group on California Earthquake Probabilities. 2014*).

If a 7.8 magnitude earthquake were to occur tomorrow, the Los Angeles area would suffer the greatest impact. Experts estimate that close to 2,000 people would die, 50,000 would be injured, and damage figures would near \$200 billion. (*"San Andreas All Set for a Major California Earthquake."* *The Weather Network. May 2016*).

Each year, California generally gets two or three earthquakes of magnitude 5.5 and higher, large enough to cause moderate damage to structures. (*"A Whole Lotta Shakin' Goin' On."* *California Department of Conservation. 2016*).

Because of its greater population and extensive infrastructure, California has the most damaging earthquakes in the United States. (*"Earthquake Facts & Earthquake Fantasy."* *U.S. Geological Survey. April 2016*).

Southern California is at a greater risk of large earthquakes than other regions because it has more faults and can host multi-fault ruptures. (*"The Uniform California Earthquake Rupture Forecast, Version 3."* *Working Group on California Earthquake Probabilities. 2014*).

Nearly 65 percent of American households do not have adequate plans and supplies for a disaster. (*"Ready for Natural Disasters? Not so Much."* *Earth Institute, Columbia University. February 2016*).

While 60 percent of Americans say preparation for natural or man-made disasters is important to them, only 17 percent claim to be prepared for an emergency situation. (*"Ad Council Survey: It Can Happen to You."* *Ready.gov. May 2014*).

Only 12 percent of the California's residential properties have earthquake insurance. (*"California Isn't Ready for Disaster."* *The Orange County Register. August 2013*).

According to the Institute for Business and Home Safety, an estimated 25 percent of businesses do not reopen following a major disaster. (*"Planning for Disasters in Advance."* *U.S. Small Business Administration. 2016*).