



# Earthquake Hazard Analysis Report

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## SUBJECT PROPERTY:

782 Steiner St  
San Francisco, CA 94117

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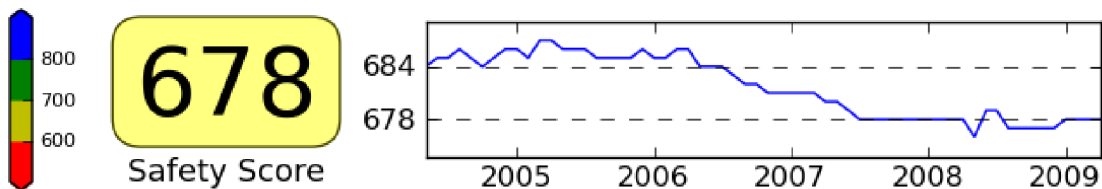
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# Property Synopsis

**Property Address:** 782 Steiner St, San Francisco, CA 94117  
**Declared Value:** \$1,025,000  
**Hazard Discounted Value:** \$970,979

**Residence:** Single Family  
**Year Built:** 1980  
**# Stories:** 2  
**House Size:** 2480 sq. ft.  
**Construction:** Wood Frame  
**Soil Type:** Hard Rock



This property has a Safety Score of 678 indicating it is at moderate risk of structural damage over the coming years. Earthquake insurance might be appropriate. Note that this calculation is based on home descriptions you supplied. OpenHazards does not verify the accuracy of the home details.

	Within 1 Year	Within 5 Years	Within 10 Years	Within 30 Years
<b>At Least \$6,150 Loss (1% Damage)</b>	<b>0.59% Chance</b>	<b>2.94% Chance</b>	<b>5.79% Chance</b>	<b>16.38% Chance</b>
<b>At Least \$30,750 Loss (5% Damage)</b>	<b>0.13% Chance</b>	<b>0.64% Chance</b>	<b>1.27% Chance</b>	<b>3.77% Chance</b>
<b>At Least \$61,500 Loss (10% Damage)</b>	<b>0.03% Chance</b>	<b>0.14% Chance</b>	<b>0.28% Chance</b>	<b>0.83% Chance</b>
<b>At Least \$92,250 Loss (15% Damage)</b>	<b>&lt;0.01% Chance</b>	<b>0.02% Chance</b>	<b>0.04% Chance</b>	<b>0.13% Chance</b>
<b>At Least \$123,000 Loss (20% Damage)</b>	<b>&lt;0.01% Chance</b>	<b>&lt;0.01% Chance</b>	<b>&lt;0.01% Chance</b>	<b>&lt;0.01% Chance</b>

This table indicates the likelihood of damage and financial loss within a future time interval. The vertical columns designate the time interval from today, and the horizontal rows designate the ranges of loss. The *15% Damage* threshold indicates the typical deductible for residential earthquake insurance.



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## 1 Introduction

Whether you own, plan to buy, or rent property, you need the best advice possible about the financial and personal risks you might face. OpenHazards offers the only openly accessible tool to help you answer questions you may have about earthquake hazards in your area.

**Welcome to the world of seismic safety.**

What are the chances your home, condominium or apartment building could be badly damaged during or after an earthquake? After the first shaking stops, how vulnerable are you to [associated hazards](#), more shaking ([aftershocks](#)), [ground rupture](#) (displacement), [landslides](#), [fires](#), [soil liquefaction](#), [tsunamis](#), or [floods](#)? How would the value of your property be affected? What can you do to protect your investment? Or if you haven't yet invested, what do you need to know to

make a good decision?

OpenHazards seismic forecasting is a new concept in seismic safety. Both the OpenHazards website and personalized reports are designed to help you make critical decisions that affect your life and property.

OpenHazards reports are particularly useful to prospective home-buyers. The reports can help you and your realtor accurately compare seismic risks for several properties. This allows you to choose the safest home possible.

We calculate two figures of merit for this purpose: the *Safety Score* (OHSS), and the *Hazard Discounted Value* (HDV). The Safety Score is an index reflecting a likelihood of damage to personal property or to your structure. The Hazard Discounted Value calculates the home value discounted by the effects of structural damage to the home in an average likely earthquake. By comparing the reports for two homes, you can assess the risk of loss quantitatively. The safety score may also be used to loosely compare risk of injury.

**Both owners and renters can benefit from an OpenHazards Seismic Report**

