

Quick Assessment Report

July 4, 2001

Regional Statistics

| | |
|--|--------|
| Area (Square Miles) | 610 |
| Number of Census Tracts | 393 |
| Number of Buildings | |
| Residential (x 1000) | 418 |
| Total (x 1000) | 434 |
| Number of People in the Region (x 1000) | 1,633 |
| Building Exposure (\$ Millions) | |
| Residential | 64,100 |
| Total | 89,200 |

Scenario Results

Maximum PGA (g) 0.60

Number of Buildings Damaged

| <i>Damage Level</i> | <i>Residential</i> | <i>Total</i> |
|---------------------|--------------------|--------------|
| Slight | 141,600 | 144,300 |
| Moderate | 123,700 | 128,000 |
| Extensive | 46,900 | 49,600 |
| Complete | 19,000 | 20,100 |
| Total | 331,200 | 342,000 |

Casualties

| | |
|--|--------|
| Severity 1 (Medical treatment without hospitalization) | 25,598 |
| Severity 2 (Hospitalization but not life threatening) | 4,771 |
| Severity 3 (Hospitalization and life threatening) | 763 |
| Severity 4 (Fatalities) | 615 |

Shelter

| | |
|-------------------------------------|--------|
| Displaced Households (# households) | 45,220 |
| Short Term Shelter (# people) | 26,680 |

Economic Loss

| | |
|--|--------|
| Property Damage (Capital Stock) Losses (\$ Millions) | 17,470 |
| Business Interruption (Income) Losses (\$ Millions) | 4,480 |
| Total (\$ Millions) | 21,950 |

Disclaimer:

The estimates of social and economic impacts contained in this report were produced using HAZUS loss estimation methodology software which is based on current scientific and engineering knowledge. There are uncertainties inherent in any loss estimation technique. Therefore, there may be significant differences between the modeled results contained in this report and the actual social and economic losses following a specific earthquake. These results can be improved by using enhanced inventory, geotechnical, and observed ground motion data.

Study Region : smv682_25

Scenario : SMV 68 east thrust 30