

## Hazus Quick Assessment Report

### Estimated Economic Loss (\$ Billions)

| Category               | Description           | Range         |
|------------------------|-----------------------|---------------|
| General Building Stock | Building Damage       | 7.40 - 29.50  |
|                        | Building Contents     | 1.00 - 4.00   |
|                        | Business Interruption | 1.30 - 5.00   |
| Infrastructure         | Lifelines Damage      |               |
| <b>Total</b>           |                       | 11.90 - 47.60 |

### Preliminary Damage Assessment (PDA) Estimates

| Description  | Residential | Commercial | Other  | Total   |
|--------------|-------------|------------|--------|---------|
| Affected     | 320,200     | 33,500     | 11,000 | 364,700 |
| Minor        | 28,900      | 9,900      | 3,400  | 42,200  |
| Major        | 2,100       | 910        | 370    | 3,380   |
| Destroyed    | 210         | 60         | 20     | 290     |
| <b>Total</b> | 351,410     | 44,370     | 14,790 | 410,570 |

### Estimated Casualties : Day Time

| Severity Level | Description      | # Persons   |
|----------------|------------------|-------------|
| Level 1        | Medical Aid      | 900 - 4,000 |
| Level 2        | Hospital Care    | 80 - 300    |
| Level 3        | Life-threatening | 10 - 20     |
| Level 4        | Fatalities       | 10 - 30     |

### Estimated Shelter Needs

| Type                 | Households    | People         |
|----------------------|---------------|----------------|
| Displaced Households | 1,300 - 5,000 | 3,250 - 12,500 |
| Public Shelter       | 560           | 1,410          |

Comments :

\*Hazus damage estimates are presented using FEMA Preliminary Damage Assessment (PDA) categories. These estimates should be used for planning purposes and may not reflect actual observed damages from the PDA process.

**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.

### Earthquake Information

Location :

Origin Time:

Magnitude : 7.20

Epicenter Latitude/Longitude :  
/

Depth & Type : /U

Name :  
NA

Ground Motion /Attenuation :

Maximum PGA: 1.00

Information Sources:

Comments :

### Population and Building Exposure

Population: 23,583,202

### Building Exposure : (\$ Millions)

|             |         |
|-------------|---------|
| Residential |         |
| Commercial  | 799,712 |
| Other       | 587,754 |
| Total       |         |

Counties :

Major Metro Area :