



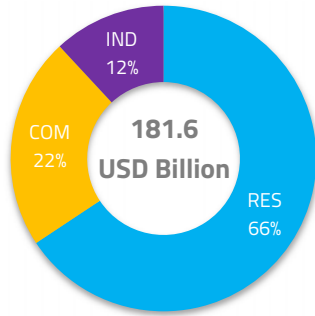
GUATEMALA EARTHQUAKE RISK PROFILE



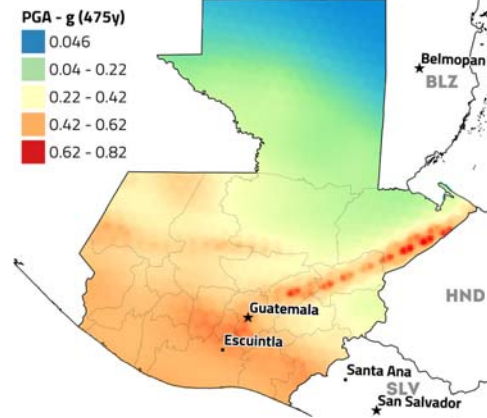
Guatemala is the most populated country of Central America. The most important urban centers are located in high seismic hazard zones. Even though seismic provisions exist in the current building codes, the high level of informality in construction has a negative impact in the physical vulnerability of the country.

| | | | | | |
|---------------------------|-------|----------------------|-----|------------|-------|
| Population (mil.): | 16.8 | Res. AAL (USD mil.): | 341 | Res. AALR: | 0.29% |
| GDP (USD bil.): | 68.7 | Com. AAL (USD mil.): | 57 | Com. AALR: | 0.14% |
| Capital Stock (USD bil.): | 181.6 | Ind. AAL (USD mil.): | 21 | Ind. AALR: | 0.18% |

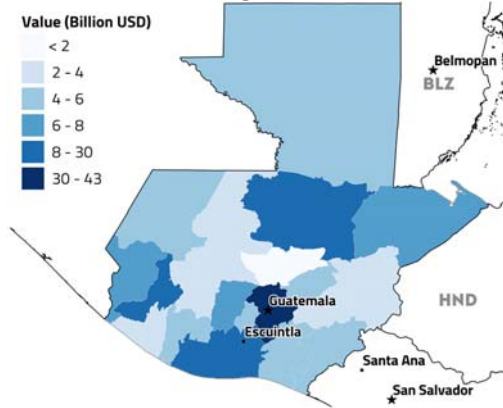
Capital Stock Distribution



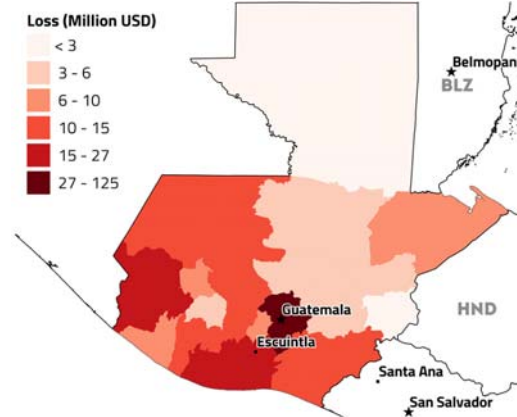
Seismic Hazard



Building Exposure



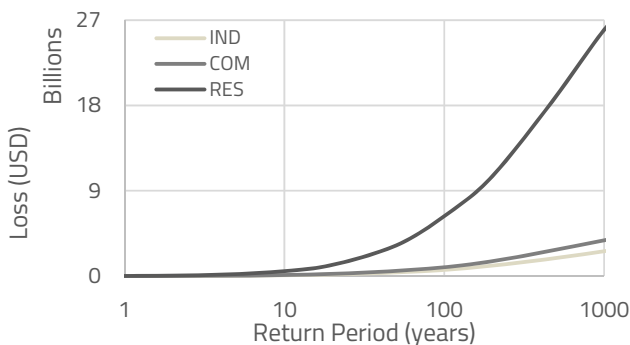
Annualized Expected Economic Loss



Population and capital stock exposure to earthquakes

| Minimum seismic hazard level | Hazard Level (PGA) | Capital Stock (Billion USD) | Population (millions) | % Total of Exposed |
|------------------------------|--------------------|-----------------------------|-----------------------|--------------------|
| Very low | > 0.1g | 181.6 | 16.5 | 100% |
| Low | > 0.2g | 177.9 | 16.4 | 98% |
| Moderate | > 0.3g | 172.5 | 15.8 | 95% |
| High | > 0.4g | 154.3 | 14.24 | 91% |

Probable Maximum Losses



Top earthquake risk regions

