Peru | 7.5M Earthquake of 28 November

**Impact overview in Peru**
- As of 29 Nov
- **12** injured people
- **1,291** damaged/destroyed buildings
- **6,145** affected people
- **33** affected health centres

**Population exposure to earthquake intensity**
- **VIII** 26,000*
- **VII** 97,000
- **VI** 1 Million
- **V** 2.9 Million

*DG ECHO Daily Map of 27 May 2019

**Earthquake (EQ)**
- **7.5M event**
  - Source: GDACS, USGS
  - Focal mechanism: Source: USGS
  - Modified Mercalli Scale intensity (MMI)
    - Source: GDACS, USGS
    - VIII (Severe shaking)
    - VII (Very strong shaking)
    - VI (Strong shaking)
    - V (Moderate shaking)

**Seismic hazard map**
- Peak Ground Acceleration (PGA) [g]
  - 0.01 - 0.02
  - 0.02 - 0.03
  - 0.03 - 0.05
  - 0.05 - 0.08
  - 0.08 - 0.13
  - 0.13 - 0.2
  - 0.2 - 0.35
  - 0.35 - 0.55
  - 0.55 - 0.9

*The Seismic Hazard Map depicts Peak Ground Acceleration with a 10% chance of exceedance in 50 years, corresponding to a return period of 475 years.

**Most affected Region in Peru**
- Source: INDECI Peru

**Active fault**
- Source: GEM GAF - DB

**Autonomous Zone of Loreto**
- Source: INDECI Peru, UN OCHA

**Sismo de referencia**
- Source: INDESI

**Red alert**
- Landslide event induced by earthquake

**Built-up area**
- Source: JRC GHSL

**Significant earthquakes (more than 1 death)**
- Source: NOAA-NCI

**EQ-induced tsunami**
- Source: NOAA-NCEI

**EQ**
- Source: GDACS

**Main Road**
- Source: JRC GHSL

**Region border**
- Source: JRC GHSL

**Country border**
- Source: JRC GHSL

**Main airport**
- Source: JRC GHSL

**Estimated most affected populated places within MMI VIII (according to GDACS). © European Union, 2021. Map produced by JRC. The boundaries and the names shown on this map do not imply official endorsement or acceptance by the European Union.