

EERI VERT Chiapas Earthquake

Schools

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Overview of topic and how it affected various regions

- Total number of affected schools: 76 in Mexico City, 28 in Oaxaca, and 800 in Chiapas (<http://www.excelsior.com.mx/nacional/2017/09/08/1187134>)
- 27 damaged schools (one total loss) in Huixtla (<http://mexiconewsdaily.com/news/earthquake-damage-to-more-than-200-homes/>)
- 1 report of collapsed school in Juchitan (https://www.clarin.com/mundo/90-muertos-terremoto-mexico_0_Bku44oz9-.html)
- “Officials in Oaxaca and Chiapas states said thousands of houses and hundreds of schools had been damaged or destroyed.” (https://www.washingtonpost.com/world/the_americas/with-saxophones-and-sobbing-mexicans-mourn-earthquake-dead/2017/09/09/55edc58e-95c6-11e7-8482-8dc9a7af29f9_story.html?utm_term=.fd056f9deaca)
- Schools were closed Friday and Monday in at least 11 different states for investigation and review

Overview of topic and how it affected various regions

- **Key facilities affected:** Centro Escolar Federal Juchitán

Probably, this is the most affected school in the region

Region: Juchitán



Date: 09/08/2017

Source: <https://heraldodemexico.com.mx/estados/juchitan-epicentro-de-la-tragedia-la-zona-mas-afectada/>



Equipos de rescate trabajan en la remoción de escombros de una escuela destruida en el municipio de Juchitán. (DPA)

Date: 09/10/2017

Source: https://www.clarin.com/mundo/90-muertos-terremoto-mexico_0_Bku44oz9-.html

Overview of topic and how it affected various regions

- Key facilities affected:

State: Mexico



Date: 09/08/2017

Source: <http://www.excelsior.com.mx/comunidad/2017/09/08/1187112#imagen-3>

Questions that a reconnaissance team could look into

- Does Mexico require that schools be designed to a higher performance standard?
- Were there mandatory retrofits for existing older schools to meet a certain performance objective?
- If there were mandatory retrofits, how did these schools perform?
- What role were schools assumed to play in a post-disaster situation?
- What role did the schools actually play after the earthquake?
- For future: what is the timeline for schools reopening? (i.e. after the Central Italy earthquake schools were opened in tents because they were a high priority for communities)

Links to media articles discussing the topic

Provided throughout slides