

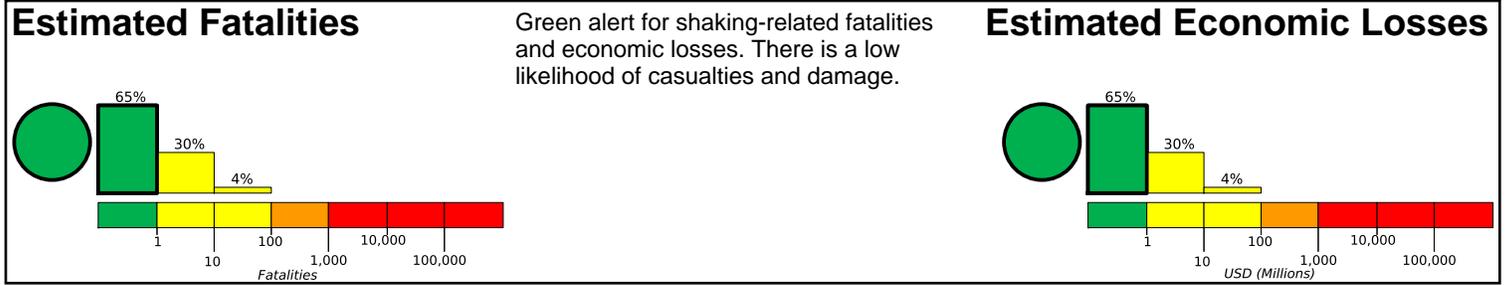
M 5.7, OAXACA, MEXICO

Origin Time: Mon 2016-06-27 20:50:34 UTC (15:50:34 local)

Location: 16.55°N 97.83°W Depth: 19 km

PAGER Version 5

Created: 4 weeks, 2 days after earthquake



Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	--*	4,555k*	1,250k	63k	0	0	0	0	0	
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+	
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme	
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures:

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2004-01-01	379	6.0	V(28k)	0
1994-07-04	192	6.4	V(60k)	2
1973-08-28	237	7.2	VII(847k)	600

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	San Pedro Jicayan	4k
IV	Santiago Jamiltepec	10k
IV	Oaxaca de Juarez	263k
III	Tehuacan	241k

bold cities appear on map

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<http://earthquake.usgs.gov/earthquakes/eventpage/us200067az>

Event ID: us200067az