

In the event of madagascar earthquake (m 4.5) how many madagascar buildings (osm) might be affected?

Buildings	Count
Low	0
Medium	0
High	0
Affected buildings	0
Not affected buildings	69,095
Total	69,095

Building type	Low	Medium	High	Not Affected	Total
Commercial	0	0	0	163	163
Education	0	0	0	347	347
Health	0	0	0	48	48
Other	0	0	0	66,166	66,166
Place of worship	0	0	0	91	91
Residential	0	0	0	2,280	2,280
Total	0	0	0	69,095	69,095

Action checklist

- ✓ Which structures have warning capacity (eg. sirens, speakers, etc.)?
- ✓ Are the water and electricity services still operating?
- ✓ Are the health centres still open?
- ✓ Are the other public services accessible?
- ✓ Which buildings will be evacuation centres?
- ✓ Where will we locate the operations centre?
- ✓ Where will we locate warehouse and/or distribution centres?
- ✓ Are the schools and hospitals still active?

Notes and assumptions

- High hazard is defined as shake levels greater than 8 on the MMI scale.
- Medium hazard is defined as shake levels between 7 and 8 on the MMI scale.
- Low hazard is defined as shake levels between 6 and 7 on the MMI scale.
- Numbers reported for structures have not been rounded.
- The extent and severity of the mapped scenario or hazard zones may not be consistent with future events.
- The impacts on roads, people, buildings and other exposure elements may differ from the analysis results due to local conditions such as terrain and infrastructure type.

Analysis details

Hazard details

Madagascar Earthquake (M 4.5) - sourced from Not specified

Exposure details

Madagascar Buildings (osm) - sourced from Geofrabik