

Analysis Results

In the event of madagascar tropical cyclone how many madagascar 1975 pop grid (global human settlement layer 1km) might be impacted?

Population in high hazard zones	5,443
Population in medium hazard zones	6,096
Population in low hazard zones	4,220,456
Total affected population	4,231,995
Unaffected population	1,651,946
Total population	5,883,941
Population needing evacuation ¹	4,231,995

Evacuated population minimum needs

Relief items to be provided single	Total
Toilets	211,600
Relief items to be provided weekly	Total
Rice [kg]	11,849,586
Drinking Water [l]	74,059,913
Clean Water [l]	283,543,665
Family Kits	846,399

Action checklist

- ✓ Are there enough water supply, sanitation, hygiene, food, shelter, medicines and relief items available for 4,232,000 people?
- ✓ How will warnings be disseminated?
- ✓ What are people's likely movements?
- ✓ Which group or population is most affected?
- ✓ Who are the vulnerable people in the population and why?
- ✓ What are people's likely movements?
- ✓ What are the security factors for the affected people?
- ✓ What are the security factors for relief responders?
- ✓ How will we reach displaced people?
- ✓ What kind of food does the population normally consume?
- ✓ What are the critical non-food items required by the affected population?
- ✓ If yes, where are they located and how will we distribute them?
- ✓ If no, where can we obtain additional relief items and how will we distribute them?
- ✓ What are the related health risks?
- ✓ Who are the key people responsible for coordination?

Notes and assumptions

- Total population in the analysis area: 5,884,000
- ¹People need evacuation if they are in a hazard zone.
- Map shows the numbers of people in high, medium, and low hazard zones.
- Numbers reported for population counts have been rounded to the nearest 10 people if the total is less than 1,000; nearest 100 people if more than 1,000 and less than 100,000; and nearest 1000 if more than 100,000.

- Rounding is applied to all population values, which may cause discrepancies when adding values.
- 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 Tropical Cyclone - sourced from Not specified

Exposure details

Madagascar 1975 pop grid (Global Human Settlement Layer 1km) - sourced from Joint Research Centre Data Catalogue