

In the event of a Flood, how many Population might be affected?

General report

Estimated number of people affected per hazard zone

Hazard Zone	Count
Wet	66,300
Dry	0
Total Exposed	66,300

Population	Count
Affected	66,300
Not Affected	0
Not Exposed	27,877,000
Displaced	670

- Exposed people:** People who are present in hazard zones and are thereby subject to potential losses. In InaSAFE, people who are exposed are those people who are within the extent of the hazard.
- Affected people:** People who are affected by a hazardous event. People can be affected directly or indirectly. Affected people may experience short-term or long-term consequences to their lives, livelihoods or health and in the economic, physical, social, cultural and environmental assets. In InaSAFE, people who are killed during the event are also considered affected.
- Displaced people:** Displaced people are people who, for different reasons and circumstances because of risk or disaster, have to leave their place of residence. In InaSAFE, demographic and minimum needs reports are based on displaced / evacuated people.

Minimum needs

Relief items to be provided once (uma vez)	Total
Toilets (latrinas/casas de banho)	40
Relief items to be provided monthly	Total
Detergent (detergente) [g]	133,000
Relief items to be provided daily (diariamente)	Total
Trash bags (saco de lixo) [100 litre bag]	10
Relief items to be provided monthly (mensalmente)	Total
Soap (sabao) [g]	232,000
Relief items to be provided daily	Total

Xima, sadza [g]	166,000
Relief items to be provided daily (por dia)	Total
Drinking water (agua para beber) [l]	1,000
Relief items to be provided weekly	Total
Relief items to be provided once	Total
Water collecting container [10-20 litre]	140
Saucepan (panela)	140
Plate (prato)	670
Mattress (colchao)	670
Insecticide bed nets (rede mosquiteira)	670
Covered floor area (3.5mx3.5m)	2,400
Infants blanket (100x70cm) - (cobertores)	140

Estimated number of people displaced by age per aggregation area

Age ratio is not found. No calculations produced.

Estimated number of people displaced by gender per aggregation area

Gender ratio is not found. No calculations produced.

Estimated number of people displaced by age vulnerability per aggregation area

Vulnerability ratio is not found. No calculations produced.

Estimated number of people displaced by gender vulnerability per aggregation area

Vulnerability ratio is not found. No calculations produced.

Estimated number of people displaced by disability vulnerability per aggregation area

Vulnerability ratio is not found. No calculations produced.

Estimated number of minimum needs per week

Aggregation Area	Total displaced population	Xima, sadza [g]	Drinking water (agua para beber) [l]	Soap (sabao) [g]	Detergent (detergente) [g]	Toilets (latrinas/casas de banho)	Minimum needs breakdown			
							Trash bags (saco de lixo) [100 litre bag]	Water collecting container [10-20 litre]	Saucepan (panela)	Plate (prato)
Caia	20	4,500	30	6,300	3,600	0	0	10	10	
Chemba	10	540	10	750	430	0	0	0	0	
Cheringoma	10	870	10	1,300	700	0	0	0	0	

Dondo	20	4,000	30	5,600	3,200	0	0	10	10
Marromeu	20	4,800	30	6,700	3,800	0	0	10	10
Muanza	20	3,400	20	4,700	2,700	0	0	10	10
Mutarara	70	16,500	100	23,100	13,200	10	0	20	20
Chinde	20	3,900	30	5,500	3,200	0	0	10	10
Inhassunge	40	8,900	60	12,400	7,100	10	0	10	10
Maganja Da Costa	50	11,700	70	16,300	9,400	10	0	10	10
Milange	10	260	10	360	210	0	0	0	0
Mocuba	10	2,300	20	3,200	1,900	0	0	10	10
Mopeia	40	9,700	60	13,600	7,800	10	0	10	10
Morrumbala	40	8,100	50	11,400	6,500	10	0	10	10
Namacurra	40	8,600	60	12,000	6,900	10	0	10	10
Nicoadala	320	77,800	470	109,000	62,300	20	10	70	70
Total	670	166,000	1,000	232,000	133,000	40	10	140	140

Notes and assumptions

Analysis notes

- Columns and rows containing only 0 or "No data" values are excluded from the tables.

Population exposure general notes

- The impacts on roads, people, buildings and other exposure elements may be underestimated if the exposure data are incomplete.
- Exposed population varies by the time (day or night, weekends, holidays etc.). Such variations are not included in the analysis.
- 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 1,000 if more than 100,000.
- Rounding is applied to all population values, which may cause discrepancies between subtotals and totals.
- Note that report rows containing totals are calculated from the entire analysis area totals and then rounded, whereas the subtotal rows are calculated from the aggregation areas and then rounded. Using this approach we avoid adding already rounded numbers and in so doing compounding the rounding.
- If displacement counts are 0, no minimum needs and displaced related postprocessors will be shown.

Flood general notes

- 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.
- The analysis extent is limited to the extent of the aggregation layer or analysis extent. Hazard and exposure data outside the analysis extent are not included in the impact layer, impact map or impact reports.

Affected notes

- Exposures in the following hazard classes are considered affected: Wet

[Displacement rates notes](#)

- For this analysis, the following displacement rates were used: Wet - 1%, Dry - 0%

Analysis details

Hazard source AFED 2019-03-16 - AER -

Exposure source Facebook Population - Facebook Population -

Aggregation source Mozambique Districts - DIVA GIS -

Impact Function Flood Polygon On Population Raster