

## Analysis question

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
High	76,700
Medium	76,600
Low	77,600
<b>Total Exposed</b>	<b>231,000</b>

Population	Count
Affected	154,000
Not Affected	77,600
Not Exposed	767,000
Displaced	92,000

- **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

<b>Relief items to be provided once (uma vez)</b>	<b>Total</b>
Toilets (latrinas/casas de banho)	4,600
<b>Relief items to be provided monthly</b>	<b>Total</b>
Detergent ( detergente) [g]	18,397,000
<b>Relief items to be provided daily ( diariamente)</b>	<b>Total</b>
Trash bags ( saco de lixo) [100 litre bag]	920
<b>Relief items to be provided monthly (mensalmente)</b>	<b>Total</b>
Soap ( sabao) [g]	32,195,000

<b>Relief items to be provided daily</b>	<b>Total</b>
Xima, sadza [g]	22,997,000
<b>Relief items to be provided daily (por dia)</b>	<b>Total</b>
Drinking water (agua para beber) [l]	138,000
<b>Relief items to be provided weekly</b>	<b>Total</b>
<b>Relief items to be provided once</b>	<b>Total</b>
Water collecting container [10-20 litre]	18,400
Saucepan (panela)	18,400
Plate (prato)	92,000
Mattress ( colchao)	92,000
Insecticide bed nets (rede mosquiteira)	92,000
Covered floor area (3.5mx3.5m)	322,000
Infants blanket (100x70cm) - ( cobertores)	18,400

#### 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	Minimum needs breakdown							
		Xima, sadza [g]	Drinking water (agua para beber) [l]	Soap ( sabao) [g]	Detergent ( detergente) [g]	Toilets (latrinas/casas de banho)	Trash bags (saco de lixo) [100 litre bag]	Water collecting container [10-20 litre]	Saucepan (panela)
<b>Campo</b>	6,300	1,566,000	9,400	2,192,000	1,253,000	320	70	1,300	1,30
<b>Mopeia</b>	14,400	3,579,000	21,500	5,011,000	2,863,000	720	150	2,900	2,90

<b>Micaune</b>	3,100	760,000	4,600	1,064,000	608,000	160	30	610	61
<b>Luabo</b>	10,600	2,626,000	15,800	3,677,000	2,101,000	530	110	2,100	2,10
<b>Chinde</b>	11,900	2,957,000	17,800	4,140,000	2,366,000	600	120	2,400	2,40
<b>Chinde</b>	10	1,300	10	1,700	970	0	0	0	
<b>Megaza</b>	5,800	1,428,000	8,600	1,999,000	1,143,000	290	60	1,200	1,20
<b>Marromeu</b>	31,600	7,892,000	47,400	11,049,000	6,314,000	1,600	320	6,400	6,40
<b>Chupanga</b>	8,800	2,190,000	13,200	3,066,000	1,752,000	440	90	1,800	1,80
<b>Total</b>	92,000	22,997,000	138,000	32,195,000	18,397,000	4,600	920	18,400	18,40

## 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: High, Medium

### Displacement rates notes

- For this analysis, the following displacement rates were used: High - 100%, Medium - 20%, Low - 0%

## Analysis details

**Hazard source** Classified Flood Hazard Zone - DNGRH -

**Exposure source** Population 2018 by Administrative Post - INE -

**Aggregation source** Aggregation by Post - National - CENACARTA -

**Impact Function** Flood Polygon On Population Polygon