

## 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	Contagem
High	211,000
Medium	115,000
Low	54,100
<b>Total Exposed</b>	<b>380,000</b>

População	Contagem
afetados	326,000
Não afetados	54,100
Not Exposed	1,143,000
Displaced	234,000

- **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)	11,700
<b>Relief items to be provided monthly</b>	<b>Total</b>
Detergent ( detergente) [g]	46,650,000
<b>Relief items to be provided daily ( diariamente)</b>	<b>Total</b>
Trash bags ( saco de lixo) [100 litre bag]	2,400
<b>Relief items to be provided monthly (mensalmente)</b>	<b>Total</b>
Soap ( sabao) [g]	81,638,000

<b>Relief items to be provided daily</b>	<b>Total</b>
Xima, sadza [g]	58,313,000
<b>Relief items to be provided daily (por dia)</b>	<b>Total</b>
Drinking water (agua para beber) [l]	350,000
<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]	46,700
Saucepan (panela)	46,700
Plate (prato)	234,000
Mattress ( colchao)	234,000
Insecticide bed nets (rede mosquiteira)	234,000
Covered floor area (3.5mx3.5m)	817,000
Infants blanket (100x70cm) - ( cobertores)	46,700

#### 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

#### Minimum needs breakdown

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)	Trash bags (saco de lixo) [100 litre bag]	Water collecting container [10-20 litre]	Saucepan
Mazivila	150	36,700	220	51,300	29,300	10	10	30	
Chissano	80	19,600	120	27,400	15,700	10	0	20	

<b>Chicumbane</b>	6,300	1,561,000	9,400	2,185,000	1,249,000	320	70	1,300	1,
<b>Chongoene</b>	5,100	1,258,000	7,600	1,761,000	1,007,000	260	50	1,100	1,
<b>Messano</b>	2,100	513,000	3,100	718,000	410,000	110	20	410	
<b>Cidade_de_xai-Xai</b>	21,300	5,307,000	31,900	7,430,000	4,246,000	1,100	220	4,300	4,
<b>Zongoene</b>	4,200	1,046,000	6,300	1,464,000	837,000	210	50	840	
<b>Makluane</b>	120	30,000	180	42,000	24,000	10	10	30	
<b>Massangena</b>	1,300	306,000	1,900	429,000	245,000	70	20	250	
<b>Mapai</b>	20	4,700	30	6,500	3,700	0	0	10	
<b>Pafuri</b>	140	34,300	210	47,900	27,400	10	10	30	
<b>Combomune</b>	130	30,500	190	42,700	24,400	10	10	30	
<b>Dindiza</b>	30	7,300	50	10,100	5,800	10	0	10	
<b>Mavodze</b>	1,400	342,000	2,100	478,000	274,000	70	20	280	
<b>Ntlavene</b>	3,700	906,000	5,500	1,268,000	725,000	190	40	730	
<b>Mabalane</b>	1,300	304,000	1,900	425,000	243,000	60	20	250	
<b>Nalazi</b>	20	3,000	20	4,100	2,400	0	0	10	
<b>Changanine</b>	380	94,800	570	133,000	75,900	20	10	80	
<b>Massingir</b>	370	91,500	550	129,000	73,200	20	10	80	
<b>Zulo</b>	3,700	909,000	5,500	1,272,000	727,000	190	40	730	
<b>Alto Changane</b>	1,900	472,000	2,900	661,000	378,000	100	20	380	
<b>Mubangoene</b>	1,600	398,000	2,400	556,000	318,000	80	20	320	
<b>Macarretane</b>	7,400	1,840,000	11,100	2,576,000	1,472,000	370	80	1,500	1,
<b>Chivongoene</b>	3,200	799,000	4,800	1,118,000	639,000	160	40	640	
<b>Caniado</b>	3,900	960,000	5,800	1,344,000	768,000	200	40	770	
<b>Chaimite</b>	22,800	5,681,000	34,100	7,953,000	4,545,000	1,200	230	4,600	4,
<b>Chokwe</b>	57,700	14,409,000	86,500	20,173,000	11,528,000	2,900	580	11,600	11,
<b>Godide</b>	730	181,000	1,100	253,000	145,000	40	10	150	
<b>Lionde</b>	33,600	8,379,000	50,300	11,731,000	6,704,000	1,700	340	6,800	6,
<b>Malehice</b>	4,900	1,216,000	7,300	1,702,000	973,000	250	50	980	
<b>Xilebene</b>	44,000	10,997,000	66,000	15,396,000	8,798,000	2,200	440	8,800	8,
<b>Chibuto</b>	750	188,000	1,200	262,000	150,000	40	10	150	
<b>Total</b>	234,000	58,313,000	350,000	81,638,000	46,650,000	11,700	2,400	46,700	46,

### Analysis notes

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

### Population exposure general notes

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- 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

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- 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

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- Exposures in the following hazard classes are considered affected: High, Medium

### Displacement rates notes

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

## Detalhes da análise

**Hazard source** Flood Map - DNGRH -

**Exposure source** Facebook Population - Facebook Population -

**Aggregation source** Aggregation by Post - Gaza Province - CENACARTA -

**Impact Function** Flood Polygon On Population Raster