

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	17,200
Medium	3,800
Low	5,100
Total Exposed	26,000

Population	Count
Affected	21,000
Not Affected	5,100
Not Exposed	2,060,000
Displaced	18,000

- 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

Relief items to be provided once (uma vez)	Total
Toilets (latrinas/casas de banho)	900
Relief items to be provided monthly	Total
Detergent (detergente) [g]	3,583,000
Relief items to be provided daily (diariamente)	Total
Trash bags (saco de lixo) [100 litre bag]	180
Relief items to be provided monthly (mensalmente)	Total
Soap (sabao) [g]	6,271,000

Relief items to be provided daily	Total
Xima, sadza [g]	4,479,000
Relief items to be provided daily (por dia)	Total
Drinking water (agua para beber) [l]	26,900
Relief items to be provided weekly	Total
Relief items to be provided once	Total
Water collecting container [10-20 litre]	3,600
Saucepan (panela)	3,600
Plate (prato)	18,000
Mattress (colchao)	18,000
Insecticide bed nets (rede mosquiteira)	18,000
Covered floor area (3.5mx3.5m)	62,800
Infants blanket (100x70cm) - (cobertores)	3,600

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
Quionga	530	132,000	790	184,000	105,000	30	10	110	
Pundanhar	410	102,000	610	143,000	81,200	20	10	90	

Nangade	1,800	441,000	2,700	617,000	353,000	90	20	360
Olumbi	20	3,500	20	4,800	2,800	0	0	10
N'gapa	560	139,000	830	194,000	111,000	30	10	110
M'tamba	10	530	10	750	430	0	0	0
Negomano	280	69,400	420	97,200	55,500	20	10	60
Mueda	20	5,100	30	7,100	4,100	10	0	10
Imbuo	10	2,200	20	3,100	1,800	0	0	10
Chitunda	680	169,000	1,100	237,000	135,000	40	10	140
Muidumbe	160	39,800	240	55,700	31,800	10	10	40
Quiterajo	210	51,400	310	72,000	41,200	10	10	50
Miteda	20	4,900	30	6,800	3,900	0	0	10
Chapa	660	166,000	990	232,000	133,000	40	10	140
Chai	440	110,000	660	154,000	88,000	30	10	90
Nairoto	1,300	321,000	2,000	449,000	257,000	70	20	260
Mucojo	30	6,800	40	9,500	5,400	10	0	10
Macomia	50	10,800	70	15,000	8,600	10	0	10
Meluco	670	168,000	1,100	235,000	134,000	40	10	140
Muaguide	200	48,100	290	67,300	38,500	10	10	40
Bilibiza	670	167,000	1,000	234,000	134,000	40	10	140
Mahate	250	61,700	370	86,300	49,300	20	10	50
Mirate	330	81,900	490	115,000	65,500	20	10	70
Ancuabe	630	157,000	940	219,000	126,000	40	10	130
Mesa	140	35,100	210	49,200	28,100	10	10	30
Metuge	700	174,000	1,100	244,000	140,000	40	10	140
Namanhumbir	70	16,900	100	23,600	13,500	10	0	20
Montepuez	90	22,600	140	31,700	18,100	10	0	20
Mavala	150	37,200	230	52,000	29,700	10	10	30
Metoro	180	44,000	270	61,600	35,200	10	10	40
Cidade_de_pemba	90	22,800	140	31,800	18,200	10	0	20
Mapupulo	40	8,800	60	12,400	7,100	10	0	10
Dica	100	23,900	150	33,400	19,100	10	0	20
Balama	10	310	10	440	250	0	0	0

Mbau	90	21,400	130	30,000	17,100	10	0	20
Katapua	70	17,700	110	24,800	14,200	10	0	20
Mecufi	390	97,000	590	136,000	77,600	20	10	80
Chiure	390	96,500	580	136,000	77,200	20	10	80
Mocimboa_da_praia	400	99,000	600	139,000	79,200	20	10	80
Chiure Velho	340	84,600	510	119,000	67,700	20	10	70
Mazeze	570	141,000	850	198,000	113,000	30	10	120
Meloco	90	21,100	130	29,500	16,900	10	0	20
Namuno	90	21,500	130	30,100	17,200	10	0	20
Kuekue	90	22,000	140	30,800	17,600	10	0	20
Ocua	2,000	497,000	3,000	696,000	398,000	100	20	400
Namogelia	880	219,000	1,400	307,000	176,000	50	10	180
N'cumpe	300	74,800	450	105,000	59,900	20	10	60
Hucula	330	80,700	490	113,000	64,600	20	10	70
Papai	160	39,500	240	55,300	31,600	10	10	40
Machoca	450	111,000	670	155,000	88,600	30	10	90
Total	18,000	4,479,000	26,900	6,271,000	3,583,000	900	180	3,600

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 Flood - 500 year return period - source not available -

Exposure source Facebook Population - Facebook Population -

Aggregation source Aggregation by Post - Cabo Delgado Province - CENACARTA -

Impact Function Flood Raster On Population Raster