InaSAFE

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	2,100
Medium	580
Low	470
Use caution	6,500
Total Exposed	9,600

Population	Count
Affected	3,100
Not Affected	6,500
Not Exposed	0
Displaced	20

- **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 daily	Total
Family food pack** [pc.]	0
Drinking water [l]	40
Clean water [l]	150
Minimum water demand for prolonged period [l]	630
Relief items to be provided monthly	**Total**
Hygiene kits [pc.]	0

Water kits [pc.]	0
Relief items to be provided once	**Total**
Family kits [pc.]	0
Shelter space [sq m]	50
Relief items to be provided single	**Total**
Toilet [pc.]	0
Child friendly facilities [sq m]	0
Laundry spaces [pc.]	0
Water spaces [pc.]	0
Health station	0
Couple room	0
Relief items to be provided weekly	**Total**
Hygiene packs	10

Estimated number of people displaced by age per aggregation area

Aggregation Area	Total displaced population	Age breakdown				
		Infant	Child	Youth	Adult	Elderly
Bagabag	10	0	0	0	10	0
Balelleng	10	0	0	10	10	0
Colunguan	10	0	0	0	10	0
San Roque	10	0	0	0	10	0
San Vicente	10	0	0	0	10	0
Calanigan Norte	10	0	0	10	0	0
Total	20	0	0	10	20	0

- **Infant**: A very young child or baby aged between 0 and 4 years.
- **Child**: A young person aged between 5 and 14 years, usually below the age of puberty.
- **Youth**: A person aged between 0 and 14 years.
- **Adult**: Person aged between 15 and 64 years, usually of working age.
- **Elderly**: Persons aged 65 years and over.

Estimated number of people displaced by gender per aggregation area

Aggregation Area	Total displaced population	Gender breakdown	
		Male	Female
Bagabag	10	10	0
Balelleng	10	10	10

Colunguan	10	10	10
San Roque	10	10	0
San Vicente	10	10	10
Calanigan Norte	10	0	10
Total	20	10	10

- **Male**: Relating to the characteristics of men.
- **Female**: Relating to the characteristics of women.

Estimated number of people displaced by age vulnerability per aggregation area

		Age vulnerability breakdown	
Aggregation Area	Total displaced population	Under 5	Over 60
Bagabag	10	0	0
Balelleng	10	0	0
Colunguan	10	0	0
San Roque	10	0	0
San Vicente	10	0	0
Calanigan Norte	10	0	0
Total	20	0	0

- **Under 5**: Persons aged under 5 years
- **Over 60**: Persons aged 60 years and over

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

		Disability vulnerability breakdown
Aggregation Area	Total displaced population	Disabled
Bagabag	10	0
Balelleng	10	0
Colunguan	10	0
San Roque	10	0
San Vicente	10	0
Calanigan Norte	10	0
Total	20	0

- **Disabled**: A person having a physical or mental condition that limits their movements, senses, or

activities.

								Minimum needs breakdown			
Aggregation Area	Total displaced population	Family food pack** [pc.]	Hygiene kits [pc.]	Family kits [pc.]	Water kits [pc.]	Drinking water [l]	Clean water [l]	Minimum water demand for prolonged period [l]	Shelter space [sq m]	Toilet [pc.]	Chi friend facilitie [sq r
Bagabag	10	0	0	0	0	10	30	110	10	0	
Balelleng	10	0	0	0	0	20	50	210	20	0	
Colunguan	10	0	0	0	0	10	20	60	10	0	
San Roque	10	0	0	0	0	10	20	60	10	0	
San Vicente	10	0	0	0	0	10	40	160	20	0	
Calanigan Norte	10	0	0	0	0	10	20	60	10	0	
Total	20	0	0	0	0	40	150	630	50	0	

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, Low

Displacement rates notes

- For this analysis, the following displacement rates were used: High - 5%, Medium - 3%, Low - 1%, Use caution - 0%

Analysis details

Hazard source 26 - source not available -

Exposure source People - source not available -

Aggregation source Barangay - source not available -

Impact Function Flood Raster On Population Polygon