

DREF operation



International Federation
of Red Cross and Red Crescent Societies

Madagascar: Chikungunya Epidemic

DREF operation n° MDRMG005

GLIDE n° EP-2010-000032-
MDG

24 February 2010

The International Federation's Disaster Relief Emergency Fund (DREF) is a source of un-earmarked money created by the Federation in 1985 to ensure that immediate financial support is available for Red Cross and Red Crescent emergency response. The DREF is a vital part of the International Federation's disaster response system and increases the ability of National Societies to respond to disasters.

CHF 34,879 (USD 32,295 or EUR 23,889) has been allocated from the Federation's Disaster Relief Emergency Fund (DREF) to support the National Society in delivering immediate assistance to some 44,000 families. Unearmarked funds to repay DREF are encouraged.

Summary: Since October 2009, the incidence of fever in health centres in the district of Mananjary, south-east coast of Madagascar, has increased abnormally. On 8 February 2010, the Institute Pasteur Laboratory confirmed the diagnosis of Chikungunya outbreak. Hundreds of patients are treated daily at public health centres. No death has been registered to date. Chikungunya is a vector borne disease transmitted through mosquitoes active during the day. The Ministry of Health (MoH) is treating patients, and has stated that it has enough drugs for weeks. But the real problem is the risk of the outbreak spreading to all eastern parts of Madagascar.

The Malagasy Red Cross Society (MRCS) intends to carry out a hygiene promotion campaign and community education on Chikungunya preventive measures. This operation is expected to be implemented over 3 months, and will therefore be completed by end of May 2010; a Final Report will be made available three months after the end of the operation (by September 2010).

[<click here for the DREF budget, here for contact details or here to view the map of the affected area>](#)

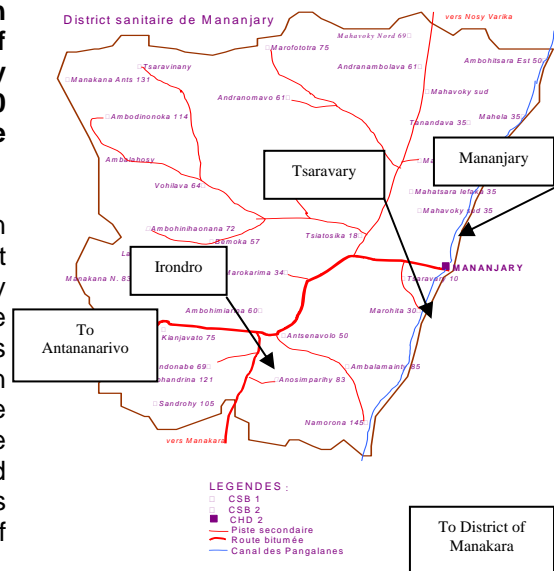


Figure 1: Areas affected by Chikungunya

The situation

The eastern coast of Madagascar experiences malaria throughout the year, thus, the authorities were not alarmed when cases of fever increased in October 2009. However, the Institute Pasteur Laboratory confirmed the diagnosis of Chikungunya on 8 February 2010. Patients suffered from high fever and asthenia which keeps them bedridden for 2 to 3 days and as a result schools, local and national economies have been affected. Approximately 72.5 percent of patients treated in the health centres have been affected by Chikungunya and approximately 90 percent of families in Mananjary main town have one person affected in every household.

Table 1: Number of patients affected by Chikungunya

Date	Number of patients affected	Chikungunya
09/02/2010	55	36
10/02/2010	57	33
11/02/2010	49	32
12/02/2010	165	144
13/02/2010	112	108
14/02/2010	305	196
15/02/2010	225	153

Table 2: Ages affected by Chikungunya

Ages	Number of people affected
0 to 11 months	9
1 to 4 years	67
5 to 14 years	187
15 years and +	439
Total	702

Table 3: Areas affected by Chikungunya

Communes	Number
Mananjary	600
Irondro	96
Tsaravary	6

Source Health Service of District (MoH)

These data only reflect the situation in areas which are accessible and where preliminary assessments have been conducted. As vulnerability (malnutrition and poverty) and risk (hygiene level and pool) about mosquito-related diseases are the same in the south eastern coast, without strong preventive measures, this disease could spread to all south-eastern parts of Madagascar in few months. In the Manakara district, which is now on high alert, the Chikungunya outbreak is likely to spread quickly. It threatens approximately 44,000 families in 15 communes of 2 districts.

Coordination and partnerships

Health Service District (HSD) of Mananjary is coordinating the Chikungunya response, supported by World Health Organization (WHO). It is organizing a coordination meeting with local partners, including MRCS. Treatment and prevention of the disease are on-going; messages on Chikungunya prevention are in place to the general population and clean up campaigns are on-going in schools, market places, in the community as well as in the government offices. Health centres are providing treatment to the patients, however the drugs are not enough. The Regional health authority is providing drugs and supporting local health centres. The MoH is supporting health centres in curative activities.

Red Cross and Red Crescent action

MRCS branches are participating in coordination meetings and are collecting data from health authorities. A total of 40 MRCS volunteers are participating in the clean up campaign in Mananjary. The MRCS Disaster Management department has set up a communication system with regional coordination, monitoring and

local governance. Mananjary and Manakara branches have a total of 40 volunteers trained in Community Based First Aid (CBFA) and 100 trained in community sensitization. This DREF operation will be coordinated by the MRCS Regional Coordinator.

The needs

Health centres have enough human resource to respond adequately to the Chikungunya outbreak, however the drugs are inadequate. To prevent the progression of the outbreak, hygiene activities and community sensitization are needed during the rainy period (until April 2010). Sensitization materials posters, megaphones and cleaning tools (wheel barrow, spade and baskets) are required. After the campaign, these cleaning materials will be managed by MRCS district branches and will be mobilized for future activities in epidemic prevention. A total of 3 communes are currently affected by the disease. They are situated on the national road to Manakara. According to available statistics, a total of 15 communes on this road have high incidence of malaria (malaria mosquito breed with the same characteristics as the Chikungunya mosquito), these communes are targeted in this DREF operation. A total of 20 MRCS volunteers per commune will be mobilized.

The proposed operation

The general objective of this DREF operation is to empower communities in 15 communes in Mananjary and Manakara districts with knowledge and skills on Chikungunya preventive measures.

Emergency Health
Objective 1: To break up the transmission chain of the chikungunya mosquitoes.
Activities planned: <ul style="list-style-type: none"> To train volunteers on Chikungunya prevention. To organize a one day cleaning on a monthly basis in 15 communes in Mananjary and Manakara districts.
Objective 2: To sensitize communities on Chikungunya prevention measures and inform them to seek treatment from the health centres in case of high fever.
Activities planned: <ul style="list-style-type: none"> To develop tools for community sensitization. To mobilize volunteers for community sensitization. To sensitize students in schools and communities through door-to-door visits.

Plan of Action

Activities	w 1	w 2	w 3	w 4	w 5	w 6	w 7	w 8	w 9	W 10	W 11	W 12	Responsible person
Training													
Elaboration of curriculum													Disaster Management and Health Coordinators
Training of volunteers													Disaster Management, Health Coordinators and Health Authorities
Cleaning activities													
Purchase of cleaning materials													Logistic service
Cleaning days													Local branches
Sensitization													
Elaboration sensitization tools													Disaster Management, Health Coordinator and Health authorities
Sensitization of communities													Local branches
Monitoring													
Follow up in field													Disaster Management and Health Coordinators
Report													Disaster Management Coordinator

How we work

All International Federation assistance seeks to adhere to the [Code of Conduct for the International Red Cross and Red Crescent Movement and Non-Governmental Organizations \(NGO's\) in Disaster Relief](#) and is committed to the [Humanitarian Charter and Minimum Standards in Disaster Response \(Sphere\)](#) in delivering assistance to the most vulnerable.

The International Federation's activities are aligned with its Global Agenda, which sets out four broad goals to meet the Federation's mission to "improve the lives of vulnerable people by mobilizing the power of humanity".

The International Federation's work is guided by [Strategy 2020](#) which puts forward three strategic aims:

1. Save lives, protect livelihoods, and strengthen recovery from disaster and crises.
2. Enable healthy and safe living.
3. Promote social inclusion and a culture of non-violence and peace.

Contact information

For further information specifically related to this operation please contact:

- **In Madagascar:** National Society (Ratsimbazafy Fanja, Secretary General), phone: +261.32.05.221.01; email: fratsimba@yahoo.fr
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[<DREF budget and map below; click here to return to the title page>](#)

<u>DREF OPERATION BUDGET SUMMARY</u>		Annex 1
	DREF NAME Madagascar: Chikungunya Epidemic	DREF Number MDRMG005
		BUDGET CHF
	<u>RELIEF NEEDS</u>	
500	Shelter	0
505	Construction Materials	0
510	Clothing and Textiles	0
520	Food	0
523	Seeds and Plants	0
530	Water and Sanitation	0
540	Medical and First Aid	0
550	Teaching Materials	9,500
560	Utensils and Tools	11,500
570	Other Supplies and Services	
	Total Relief Needs	21,000
	<u>CAPITAL EQUIPMENT</u>	
580	Land and Buildings	0
581	Vehicles Purchase	0
582	Computers and Telecom Equipment	0
584	Office/Household Furniture and Equipment	0
587	Medical Equipment	0
589	Other Machinery and Equipment	0
	<u>TRANSPORT, STORAGE AND VEHICLES</u>	
590	Storage - Warehouse	
592	Distribution and Monitoring	
593	Transport and Vehicles Costs	1,200
	<u>PERSONNEL</u>	
600	International Staff	0
640	Regionally Deployed Staff	0
661	National Staff	0
662	National Society Staff	8,200
670	Consultants	0
	<u>WORKSHOPS AND TRAINING</u>	
680	Workshops and Training	1,850
	<u>GENERAL EXPENSES</u>	
700	Travel	
710	Information and Public Relations	
730	Office running costs	300
740	Communication Costs	200

750	Professional Fees	
760	Financial Charges	
790	Other General Expenses	
	PROGRAMME SUPPORT	
599	Programme Support - PSR	2,129
	Total Operational Needs	13,879
	DREF ALLOCATION	34,879

