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# Disaster relief emergency fund (DREF)

## Senegal: Yellow Fever Outbreak in Kedougou

 International Federation  
of Red Cross and Red Crescent Societies

### DREF Operation n° MDRSN006 19 December, 2011

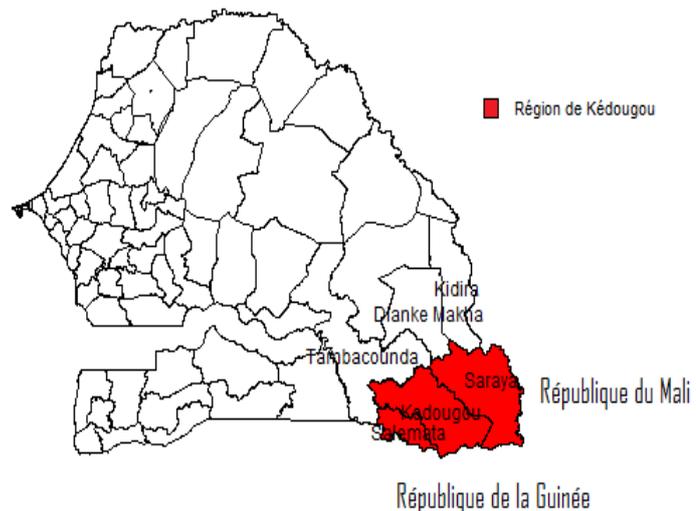
The International Federation of Red Cross and Red Crescent (IFRC) Disaster Relief Emergency Fund (DREF) is a source of un-earmarked money created by the Federation in 1985 to ensure that immediate financial support is available for Red Cross and Red Crescent emergency response. The DREF is a vital part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

**CHF 72,948 has been allocated from the IFRC's Disaster Relief Emergency Fund (DREF) to support the Senegalese Red Cross Society to support the national response against Yellow Fever outbreak in Kedougou region. Unearmarked funds to repay DREF are encouraged.**

#### Summary:

According to the Senegalese Ministry of Health and Prevention, three cases of yellow fever were notified on 26 October 2011, in Salémata, Kédougou and Saraya health districts, in the eastern part of the country. The affected areas share borders with Guinea and Mali (see map) and cross border movements are common because of

gold mines. The risk of spread of this epidemic is therefore high in this sub-region, prompting the need to conduct a targeted vaccination response.



The areas affected by the Yellow Fever outbreak in the East part of Senegal.

Accordingly, the Senegalese Ministry of Health is planning to organize a vaccination campaign, targeting non-vaccinated individuals aged nine months and above (excluding pregnant women).

The Senegalese Red Cross Society (SRCS), which is member of the National Outbreak Management Committee, is planning take part in this campaign. The DREF allocation will enable it to assist social mobilization activities, with the mobilization of 210 community volunteers in the 3 targeted health districts of Salémata, Kédougou and Saraya. This operation is expected to be implemented over three months and will therefore be completed by 16 March, 2012.

[<click here for the DREF budget; here for contact details>](#)

## The situation

According to WHO, the Senegalese Ministry of Health and Prevention notified three cases of Yellow Fever in Kédougou and Saraya health districts. The region of Kedougou is located in the East of Senegal. It borders the region of Tambacounda and the Republics of Mali and Guinea Conakry.

The health districts of Kédougou and Saraya benefited from a preventive mass vaccination campaign in December 2007, where the vaccination coverage was 94.9% and 94.8% respectively. The Senegalese Red Cross Society participated to this campaign.

The low level of population immunity can be explained largely by the migration of people that changed the population size of the region. Indeed, the region is frequently visited because of the presence of gold mines. The undeveloped rural environment has posed additional challenges on vaccination efforts. The high risk that an outbreak occurs and spreads at a sub regional level justify the need to conduct a targeted vaccination response. Accordingly, the Senegalese Ministry of Health is planning to organize a vaccination campaign, targeting the non-vaccinated individuals aged nine months and above. For safety reasons, pregnant women are not targeted. The mass vaccination campaign aims to protect the population living in those areas, which appears to have increased due to recent migration from neighbouring countries. A total of 159,626 doses of vaccine from the GAVI-funded yellow fever emergency vaccine stockpile have been released by the International Coordinating Group on Yellow Fever Vaccine Provision (YF-ICG) for the campaign.

## Coordination and partnerships

The Senegalese Red Cross Society (SRCS) is a member of the national outbreak management committee chaired by the Secretary General of the Ministry of Health and Prevention and, coordinated by the Head of Medical Prevention. The Department of Immunization and Epidemiological Surveillance is located in the Medical Prevention division. These units of the Ministry of Health are represented, along with the Pasteur Institute in Dakar, the National Network of laboratories, and other ministries, including Education and Livestock. The International partners such as WHO, UNICEF and FAO are also members of the committee. This committee meets regularly and has successfully managed outbreaks of dengue, influenza A-H1N1 and Polio. The three main organizations concerned in this Yellow Fever outbreak and their respective responsibilities are indicated in the table below:

Organization	Responsibilities
The Senegalese Ministry of Health and Prevention (MoH)	<ul style="list-style-type: none"> <li>○ Active Case search and surveillance;</li> <li>○ Case management;</li> <li>○ Coordinate the procurement of vaccines;</li> <li>○ Distribution of vaccines and other logistics</li> <li>○ Micro planning, training of health workers, monitoring and supervision during implementation of vaccination campaign</li> <li>○ Coordination and resource mobilization</li> </ul>
The World Health Organization (WHO)	<ul style="list-style-type: none"> <li>○ Mobilization of technical capacities for supporting case management</li> <li>○ Supporting operational cost of vaccination campaign (micro planning meetings, training of health workers, monitoring and supervision during campaign implementation, Distribution of vaccines and other logistics supplies, etc.)</li> <li>○ Mobilization of technical resources to support the implementation of the campaign.</li> </ul>
The Senegalese Red Cross Society (SRCS)	<ul style="list-style-type: none"> <li>○ Support social mobilization activities before, during and in post vaccination campaign in the 3 affected health districts.</li> <li>○ Provide volunteers for community based surveillance in the 3 affected health districts.</li> <li>○ Print and distribute IEC materials in the 3 affected health districts</li> <li>○ Provide T-shirts, jackets and capes to volunteers and vaccination teams.</li> <li>○ Support District Task Force meetings in the 3 affected health districts.</li> <li>○ Support public awareness through community radios in the 3 affected health districts.</li> </ul>

## Red Cross and Red Crescent action

The National Society contacted the MoH immediately after having got the information for a confirmation. It updated information from the governmental sources. The SRCS assessed its capacities in the zone and contacted its staff in Kedougou to keep them alerted and ask them to take contact with local health authorities. The Senegalese Red Cross Society took part to meetings and briefings at any level of decision. The International Federation through its Sahel Regional Representation, has been closely monitoring the situation, and with agreement among key stakeholders and the MoH. The current DREF resources are being released to support the SRCS as per its request for the mentioned activities.

### The needs

Following the rapid assessment carried out, the field team has identified the following immediate needs:

**Emergency Health:** The social mobilization activities of SRCS will be targeting **30,695** households. Thus the National Society will be conducting awareness activities at community level and targets to reach a total of 153,476 community dwellers in 3 districts using IEC materials, radio jingles and house-to-house visits strategy

Districts to vaccinate	Estimated total Population in 2011	The targeted population for the vaccination	Needs of volunteers for the social mobilization	Needs of volunteers for the vaccination	Needs of community supervisors	Needs of districts supervisors
Kédougou	84,166	78,864	90	46	9	1
Salémata	24,249	22,721	30	12	3	1
Saraya	45,061	42,222	60	24	6	1
<b>Total</b>	<b>153,476</b>	<b>143,807</b>	<b>180</b>	<b>82</b>	<b>18</b>	<b>3</b>

To carry out the above intervention, the Senegalese Red Cross Society (SRCS) will need a total of 3 districts supervisors ,18 community supervisors (trainers) , 180 volunteers trained on the use of the IFRC Epidemic Control manual for volunteers (ECV) toolkits for the social mobilization activities. Furthermore, a number of 82 volunteers will be supporting the vaccination campaign.

**Coordination:** Within the Red Cross Movement and along with the local and central government authorities and other actors, coordination meetings will be conducted regularly to ensure complementary efforts in implementing the outbreak response.

### The proposed operation

#### Emergency health

Outcome: To help reduce the spread of Yellow Fever and related morbidity and mortality through social mobilization activities carried out by SRCS volunteers.	
Expected results (Outputs)	Planned activities
Increased public awareness on Yellow Fever as well as the risk factors for its transmission, prevention and control measures.	<ul style="list-style-type: none"> <li>Train 18 supervisors and 3 supervisors at departmental level from 3 health districts in Epidemic Control for Volunteers (ECV) toolkit during 3 days.</li> <li>Train 180 community volunteers in Epidemic Control for Volunteers (ECV) toolkit focusing in Yellow Fever in 1 day.</li> <li>Produce and disseminate IEC messages (5,000 posters, 10,000 flyers, 1,000 T-shirts and 1,000 capes and 50 jackets) in the 3 affected health districts and neighbouring at-risk districts.</li> <li>Shipment of 110 copies of ECV manuals and toolkits.</li> <li>Conduct media campaigns to promote public awareness on Yellow Fever (36 radio talk shows (1 per week for each health district, in 3 month) on 4 local FM radio stations that will reach an estimated number of 153,476 people in the 3 health districts).</li> </ul>

	<ul style="list-style-type: none"> <li>• Conduct 2,000 sessions of household health promotion activities in affected villages by using ECV toolkits.</li> <li>• Conduct 50 interpersonal communications/advocacy meetings with key local leaders, religious leaders and community representatives in 3 health districts.</li> <li>• Conduct 87 group talks in each gold washing site in the 3 health districts in Kedougou region.</li> <li>• Conduct informal sessions at mosques, churches, markets, and other public places to spread Yellow Fever prevention. information</li> </ul>
Improved early detection, Reporting and referral of suspected cases through active surveillance.	<ul style="list-style-type: none"> <li>• Train 180 community based volunteers and 18 supervisors at community level and 3 supervisors at departmental level for active case and post-immunization adverse events search.</li> <li>• Procure and distribute 18 bicycles for facilitating volunteer's supervision in conducting household visits and referral of suspected Yellow Fever cases.</li> </ul>
Improved awareness for increased uptake of Yellow Fever emergency vaccination campaign leading to at least 99% coverage in the 3 health districts	<ul style="list-style-type: none"> <li>• Train 82 SRCS volunteers in 3 health district on vaccination campaign.</li> <li>• Mobilize target communities (143,807 persons) to turn up for vaccination.</li> <li>• Conduct good public awareness of vaccination post locations.</li> <li>• Assist in at-site and door to door vaccination campaign activities.</li> <li>• Assist in the organization of the immunization post locations.</li> <li>• Tick names of vaccination beneficiaries on pre-registration lists.</li> <li>• Conduct home follow-up visits.</li> <li>• Support post vaccination data collection.</li> <li>• Support waste management in immunization post locations .</li> <li>• Participate in post vaccination campaign meetings for evaluation activities with MoH and other partners.</li> </ul>

## Contact information

### For further information specifically related to this operation please contact:

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## How we work

All IFRC assistance seeks to adhere to the Code of Conduct for the International Red Cross and Red Crescent Movement and Non-Governmental Organizations (NGOs) in Disaster Relief and the Humanitarian Charter and Minimum Standards in Disaster Response (Sphere) in delivering assistance to the most vulnerable.

The IFRC's vision is to inspire, encourage, facilitate and promote at all times all forms of humanitarian activities by National Societies, with a view to preventing and alleviating human suffering, and thereby contributing to the maintenance and promotion of human dignity and peace in the world.

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The IFRC'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.

# DREF OPERATION

19-12-11

Senegal: Yellow Fever (MDRSN006)

<b>Budget Group</b>	<b>CHF</b>
Shelter - Relief	0
Shelter - Transitional	0
Construction - Housing	0
Construction - Facilities	0
Construction - Materials	0
Clothing & Textiles	5,540
Food	0
Seeds & Plants	0
Water, Sanitation & Hygiene	0
Medical & First Aid	0
Teaching Materials	0
Utensils & Tools	0
Other Supplies & Services	0
Emergency Response Units	0
Cash Disbursements	0
<b>Total RELIEF ITEMS, CONSTRUCTION AND SUPPLIES</b>	<b>5,540</b>
Land & Buildings	0
Vehicles Purchase	2,880
Computer & Telecom Equipment	0
Office/Household Furniture & Equipment	0
Medical Equipment	0
Other Machinery & Equipment	0
<b>Total LAND, VEHICLES AND EQUIPMENT</b>	<b>2,880</b>
Storage, Warehousing	0
Distribution & Monitoring	0
Transport & Vehicle Costs	1,200
Logistics Services	0
<b>Total LOGISTICS, TRANSPORT AND STORAGE</b>	<b>1,200</b>
International Staff	0
National Staff	4,000
National Society Staff	15,620
Volunteers	21,840
<b>Total PERSONNEL</b>	<b>41,460</b>
Consultants	0
Professional Fees	0
<b>Total CONSULTANTS &amp; PROFESSIONAL FEES</b>	<b>0</b>
Workshops & Training	4,236
<b>Total WORKSHOP &amp; TRAINING</b>	<b>4,236</b>
Travel	0
Information & Public Relations	7,380
Office Costs	1,400
Communications	400
Financial Charges	2,000
Other General Expenses	2,000
Shared Support Services	0
<b>Total GENERAL EXPENDITURES</b>	<b>13,180</b>
Programme and Supplementary Services Recovery	4,452
<b>Total INDIRECT COSTS</b>	<b>4,452</b>
<b>TOTAL BUDGET</b>	<b>72,948</b>