



Yellow Fever Outbreak in Darfur
Situation Report 1
31 October 2012



Epidemiology

- On 29 October 2012, Sudan’s Federal Ministry of Health (FMoH) notified the World Health Organization (WHO) of a yellow fever outbreak in seven localities in Central and South Darfur.
- As of today, a total of 98 suspected cases, including 42 deaths, have been reported from the districts of Zalingei, Nertity, Wadisalih, Azoom, Nyala, Mershing, and Kass. 82.6% of the reported cases are from Central Darfur.
- 67% of the cases are males and 33% are females.
- None of the reported cases received vaccination against yellow fever.
- In general, 74.4% of the reported cases are in the age group 2-29.9 years.
- 2% are in the age group 2-4.9, 26.6% are in the age group 5-14.9, 45.9% are in the age 15-29.9 and 16.3% are 45 years and above.
- 16 samples were collected of which 3 tested positive for yellow fever at the Central Public Health Laboratory in Khartoum. Some of the samples were tested negative for Crimean-Congo haemorrhagic fever (CCHF) and chikungunya.

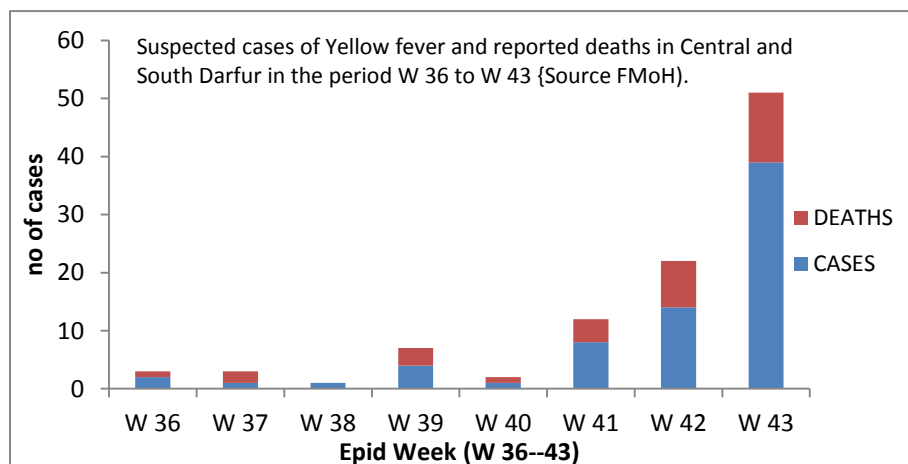
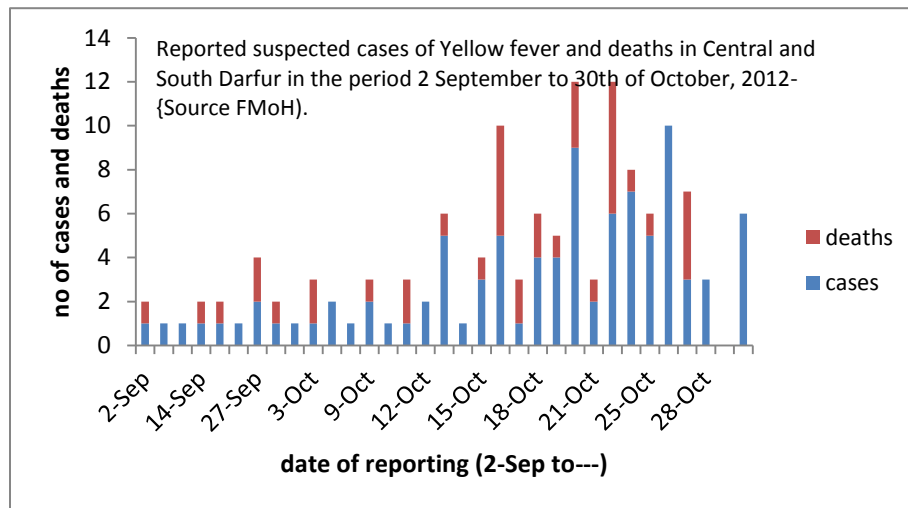


Table 1: Suspected cases of Yellow Fever: Attack rate (AR) and case fatality rate (CFR) per locality in each of Central and South Darfur

State	Locality	no of cases	Attack rate	deaths	CFR
South Darfur	Nyala	1	0.2	0	0%
	Mershing	6	2.9	6	100%
	Kass	10	4.7	3	30%
Central Darfur	Zalingei	39	12.8	11	28.2%
	Wadisalih	14	8.1	7	50%
	Azoom	2	4.4	2	100
	Nertity	26	18.8	13	50
	Total Locality	98		42	

Action taken

- Outbreak Investigation and Response has been initiated
- The International Coordination Group (ICG) was alerted for vaccines for a possible reactive vaccination campaign awaiting reconfirmation by Institute Pasteur in Senegal.
- Technical support teams from FMOH are on the ground in Central and South Darfur for immediate/initial support, namely to conduct:
 - Training sessions on disease surveillance, case management and infection prevention and control.
 - Avail supportive treatment (drugs+ supplies)
 - Communication to raise awareness on YF has been initiated

Recommendations

1. Alerting health partners
2. Prepare vaccination plan

