



Update

12 March 2007

Acute watery Diarrhea (AWD) in Somalia

Up to the 2nd March, 2007, a total of **3,633** acute watery diarrhea cases were reported including **143** deaths with overall Case Fatality (CFR) **3.94** (the distribution of cases and CFR by Region is shown in Figure 1, seen Annex, 1 and 2).

The distribution of cases by regions and districts is as follows:

Hiran

Beletweyne: 213 cases with 5 deaths (Case Fatality rate, CFR= 2.3%) from Jan. 5th to Feb. 23rd.

* **Jalalagsi:** 737 cases with 6 deaths (CFR=0.81%) from Dec. 30th to Feb. 16th.

* **Buloburti:** 279 cases with 19 deaths (CFR=1.1%) from Dec. 30th to Feb. 16th.

International Medical Corps (IMC), Somali Red Cross Society (SRCS), Medecins Sans Frontieres (MSF), Save the Children – UK, WHO, UNICEF, Hiran water Supply are the key agencies assisting in the response in Hiran region. Adequate supplies have been mobilized and arrived in Beletweyne and other areas. Number of cases is coming down with increased water and sanitation interventions. WHO international communicable disease control officer and UNICEF team was in Beletweyne in the 2nd week of February to coordinate the surveillance and response

Middle Shabelle

Jowhar: 974 cases with 18 deaths (CFR=1.8%) in Jowhar. From Jan. 15th to Mar. 2nd. All samples collected in Jowhar were negative for *Vibrio Cholera*.

MSF – Spain, InterSOS, UNICEF, WHO, ICRC/SRCS are actively engaged in the response in Middle Shabelle. Adequate supplies have been mobilized to Jowhar, including a full diarrhoeal disease kit (for 100 severe and 400 moderate patients) from WHO. WHO OIC-Mogadishu was in Jowhar and Balad coordinating and conducting training in the 2nd week of February.

Mogadishu/ Banadiir

391 cases and 9 deaths (CFR 2.3%) from Feb. 24th to Mar. 2nd.

Cholera task force is coordinated by WHO in Mogadishu and meets on a regular basis to discuss the response. Out of the ten samples tested from Banadiir hospital, 9 were positive for *V. Cholerae inaba*. WHO has one full diarrhoeal disease kit, for 100 severe and 400 moderate cases, in Mogadishu. UNICEF has ORS and other supplies. Water and sanitation activities require more attention.

Lower Shabelle

- ***Merka:** 235 cases and 15 deaths. Feb. 2nd to Mar. 2nd
- ***Afgoy:** 151 cases and 15 deaths. Feb. 3rd to Mar. 2nd.
- ***Qoryoley:** 111 cases and 7 deaths. Feb 10th to Mar. 2nd
- ***Kattunwery:** 112 cases and 7 deaths. Feb 3rd to Mar. 2nd
- ***Sablale:** 24 cases and 6 deaths. Feb 10th to Mar. 2nd
- ***Brave:** 17 cases and no deaths. Feb. 24th to Mar. 2nd
- ***Awdegle:** 37 cases and 6 deaths. Feb 10th to Mar. 2nd

Number of cases is increasing with the influx of IDPs into Lower Shabelle, especially in the villages. WHO is sending one full diarrhoeal disease kit (for 100 severe and 400 moderate patients). UNICEF is also mobilizing some required supplies. 500 Litres of Ringer Lactate from Action against hunger (ACF) was sent via WHO Mogadishu. Water and sanitation activities and hygiene promotion require special attention. Security and access are major challenges in Lower Shabelle.

Lower and middle Juba

Kismayo: 301 cases and 17 deaths (CFR=5.6%) from Jan. 30th to Feb. 26th.

Adequate supplies, including two full diarrhoeal disease kits, each for 100 severe and 400 moderate cases in place with WHO in Kismayo. WHO senior national officer in Kismayo with ICRC/SRCS, Muslim Aid – UK, Kismayo hospital and local community representatives meeting regularly to follow up and coordinate the response. Water and sanitation interventions require special attention.

Jamame: 51 cases and *13 deaths (In Mugambo village).

Out of the 21 samples sent for testing 10 were positive for *V. Cholerae*. MSF – Holland and France are on the ground and responding with case management, water chlorination and health education activities. They have adequate supplies in place.

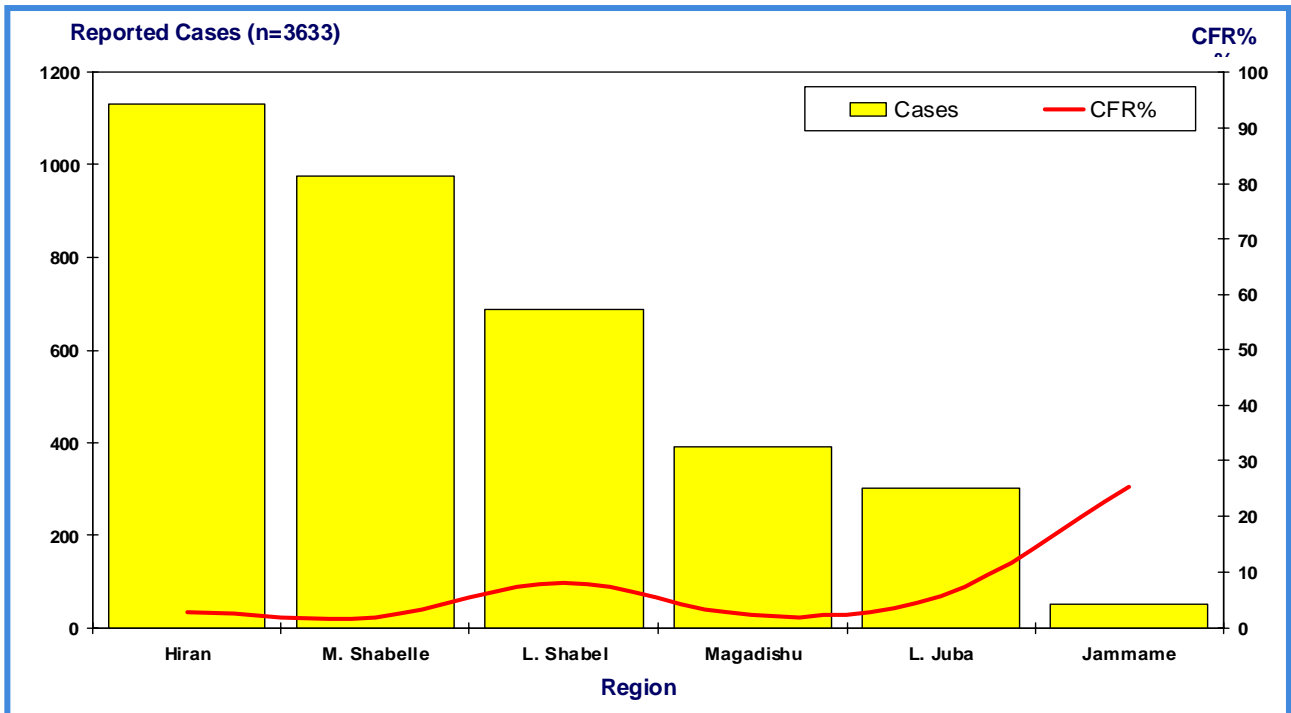


Figure 1: Acute Watery Diarrhoeal cases and Case Fatality Rate, by Region, Somalia, 2nd February – 2nd March, 2007

Response of WHO - Somalia

Senior epidemiologist has arrived last week and has started coordinating the response in all locations. Task forces in Hiran, Middle Shabelle, Mogadishu and Kismayo are meeting regularly under the leadership of WHO national officers, to discuss and improve the response.

WHO has mobilized supplies to all the locations as mentioned above. WHO has propositioned one full diarrhoeal disease kit (for 100 severe and 400 moderate cases) in Mogadishu, Hargeisa and Garowe. In addition, 5 full diarrhoeal disease kits have been ordered and should arrive in two weeks.

- - *According to reports from field personnel of partner agencies and subject to confirmation and scrutiny.*

Annex1, Table 1: Distribution of Acute Watery Diarrhea Cases and Deaths by Region, Somalia, 2nd February – 2nd March, 2007

Distribution of Acute Watery Diarrhoea Cases and Deaths by Region Somalia, 2 February - 2 March, 2007								
Region	District	cases	deaths	CFR	Period	Comments	Longitude	latitude
Hiran	Beletweyne	213	5	2.35	Jan. 5 th to Feb. 23 rd		45.20620	4.73671
	Jalalagsi	737	6	0.81	Jan30 th to Feb. 16 th		45.59941	3.37951
	Buloburti	279	19	6.81	Dec. 30 th to Feb. 16 th		45.56596	3.85357
Sub Total		1229	30	2.44				
Middle Shabelle	Jowhar	974	18	1.85	Jan. 15 th to Mar. 2 nd	All samples in Jowhar were negative for <i>Vibrio Cholera</i> .	45.50038	2.78060
Sub Total		974	18	1.85	Jan. 15th to Mar. 2nd			
Banadir	Mogadishu	391	9		Feb. 24 th to Mar. 2 nd		45.33372	2.04139
Sub Total		391	9	2.30				
Lower Shabelle	*Merka	235	15	6.38	Feb. 2 nd to Mar. 2 nd		44.76990	1.71567
	*Afgoy	151	15	9.93	Feb. 3 rd to Mar. 2 nd .		45.11870	2.14158
	*Qoryoley	111	7	6.31	Feb 10 th to Mar. 2 nd		44.53130	1.78586
	*Kattunwery	112	7	6.25	Feb 3 rd to Mar. 2 nd		44.33030	1.61101
	*Sablale	24	6	25.00	Feb 10 th to Mar. 2 nd		43.88903	1.30517
	*Brave	17	0	0.00	Feb. 24 th to Mar. 2 nd		44.03043	1.11477
	*Awdegle	37	6	16.22	Feb 10 th to Mar. 2 nd		44.89357	2.61945
Sub Total		687	56	8.15				
Lower Juba	Kismayo	301	17	5.65	Jan. 30 th to Feb. 26 ^t		42.54626	-0.36029
Lower Juba	Jamame	51	13	25.49		10 samples out of 21 confirmed as <i>V. Cholerae</i>	42.73820	0.06916
Sub Total		352	30	8.52				
GRAND TOTAL		3633	143	3.94				

WHO has propositioned one full diarrhoeal disease kit (for 100 severe and 400 moderate cases) in Mogadishu, Hargeisa and Garowe.

**Annex 2: Map1, Distribution of Acute Water Diarrhea Cases and deaths
2nd February – 2nd March, 2007-03-06**

