



## Situation Report for Acute Watery Diarrhoea/Cholera

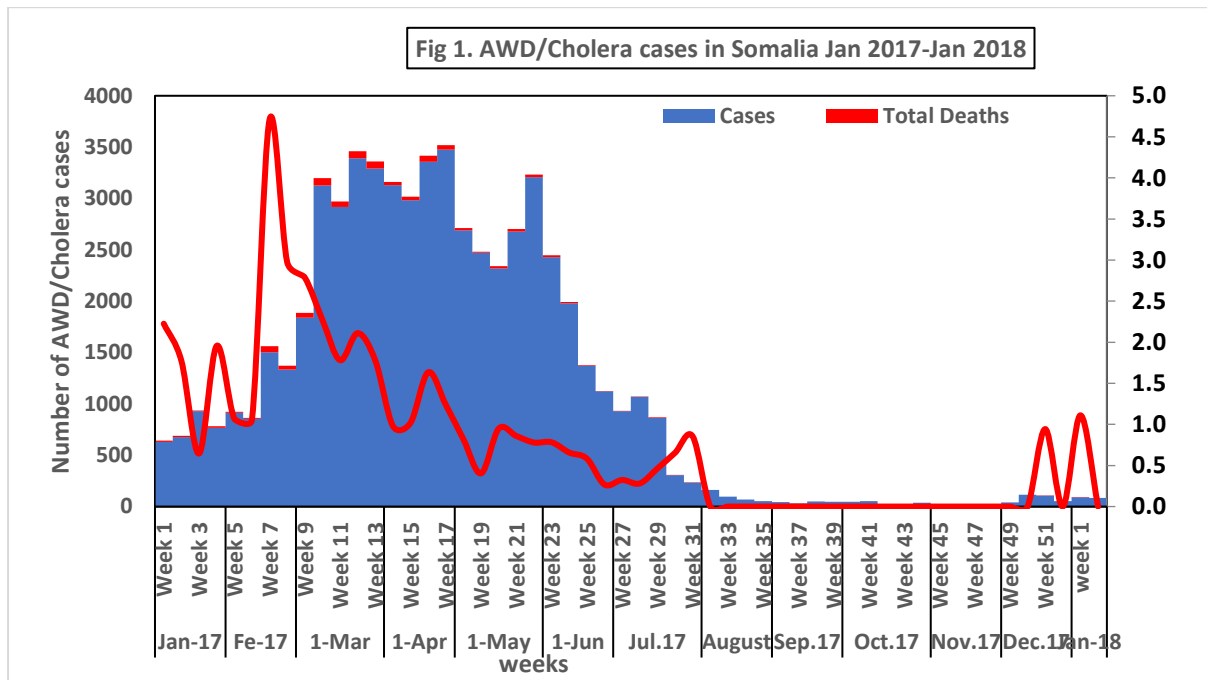
*Epidemiological Week 2 (8<sup>th</sup> to 14<sup>th</sup> Jan 2018)*

### HIGHLIGHTS

- A total of 85 new cases of AWD were reported in week 2 compared to 90 cases and 1 death in week 1 in two Region
- In Hiraan, new AWD/Cholera cases were reported in Beletweyne while in Banadir new AWD/Cholera cases were reported in 8 district
- A cumulative total of 175 cases and 1 death have been reported in 9 districts of 2 regions of central since January 2018
- The new AWD/cholera cases reported in Beletweyne and 8 districts for Banadir region are a continuation of AWD/Cholera cases that affected 9 districts of 2 states of Somalia.

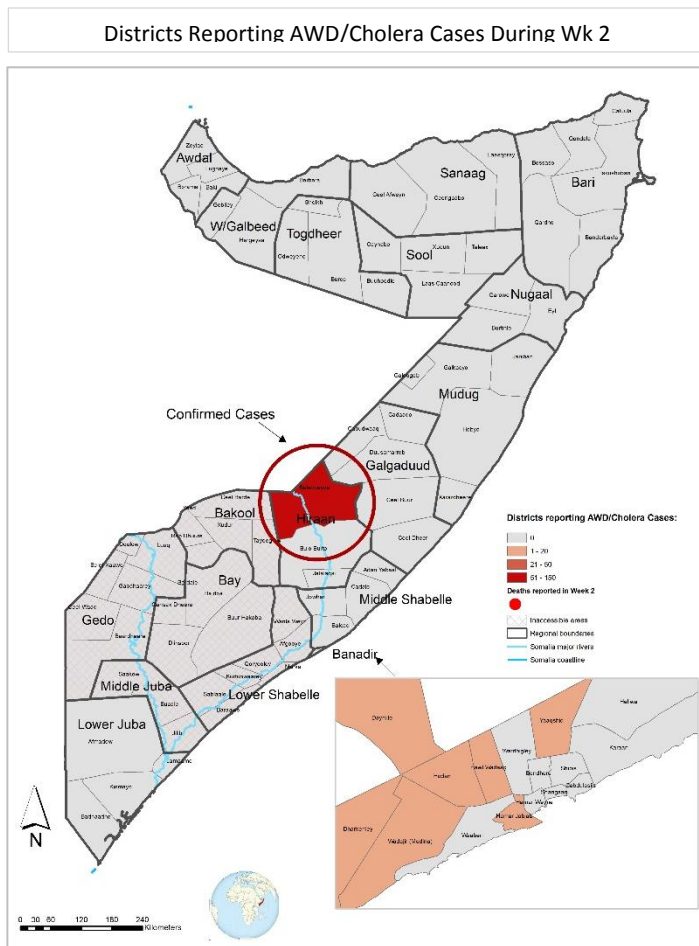
### KEY FIGURES /WEEK 2-2018

- 85 new cases
- No death
- 56% of the new cases were female
- 52% of the cases were below 5 years
- 95% of the cases did not receive Oral cholera vaccine
- 9 districts reported new AWD cases in two region
- 175 cumulative cases for 2018)
- 1 cumulative death (week1-2-2018)
- 0.6% overall case fatality rate



## AWD/cholera situation in different regions of South-Central Zone

Over the past 4 months there has been a significant increase in the number of AWD/Cholera



cases reported in all regions. Active transmission of AWD/cholera has been reported in Beletweyne districts of Hiraan region as well as different districts of Banadir region in week 2. In Hiraan affected communities are reported to use contaminated water from River Shabelle since the water sources are reported to have dried up. The AWD cases reported in 8 district of Banadir may be linked to the one in Beletweyne due to uncontrolled movement of people in both regions. The Oral cholera vaccination that was implemented in 11 high risk districts of the South Central region has greatly contributed to the reduction in the number of new infections

Table 1. Summary of AWD/Cholera cases in different regions

Region	Week 1			Week 2			Cumulative as of		
	(1 <sup>st</sup> -7 <sup>th</sup> Jan 2018)			(8 <sup>th</sup> -14 <sup>th</sup> Jan 2018)			Epi-Week 1-2-2018		
	Live	Deaths	CFR(%)	Live	Deaths	CFR(%)	Live	Deaths	CFR (%)
Hiraan	44	0	0.0	51	0	0.0	44	0	0.0
Banadir	46	1	0.0	34	0	0.0	80	1	1.3
<b>Total</b>	<b>90</b>	<b>1</b>	<b>1.0</b>	<b>85</b>	<b>0</b>	<b>0.0</b>	<b>175</b>	<b>1</b>	<b>0.6</b>

### AWD/cholera situation in Hiraan and Banadir

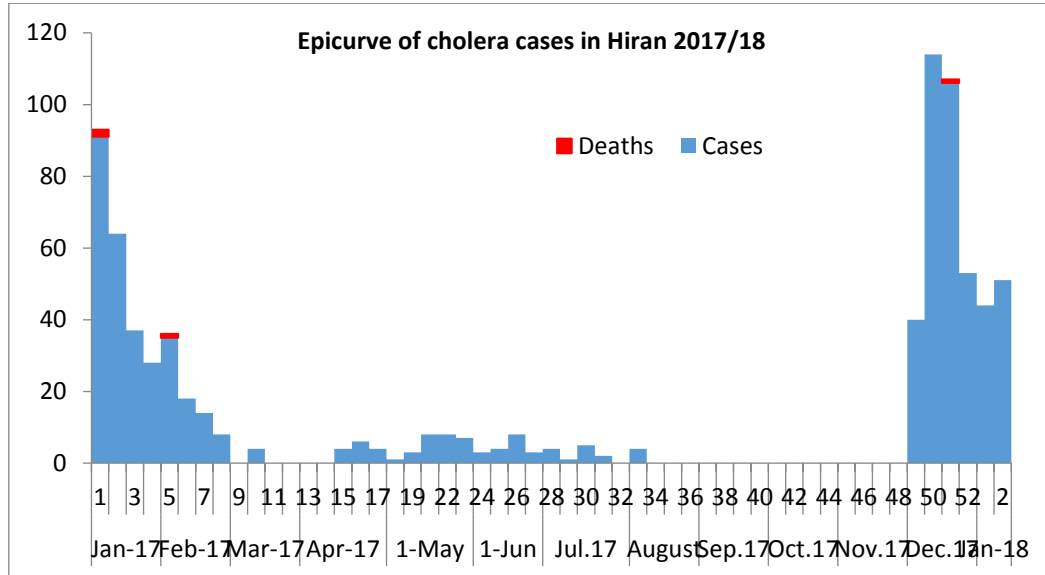
The latest AWD/Cholera cases that have been reported in Hiraan and Banadir are a continuation of the AWD cholera outbreak that was reported in 55 districts of 16 regions of the South central and regions in Puntland. In the last 2 weeks of 2017, AWD cholera was confirmed among people living at the banks of river shabelle in Belet-Weyne. Reports indicated that these people were using contaminated water from river shabelle.

In week 2 of 2018, a total of 51 cases were reported from Beletweyne in Hiraan a increased from 44 cases in the previous week (fig 2a). Of the 51 cases 21(41%) were children below five years (fig 4) while 95% of them did not receive the Oral cholera vaccine conducted in Beletweyne in March 2017 (fig 6)

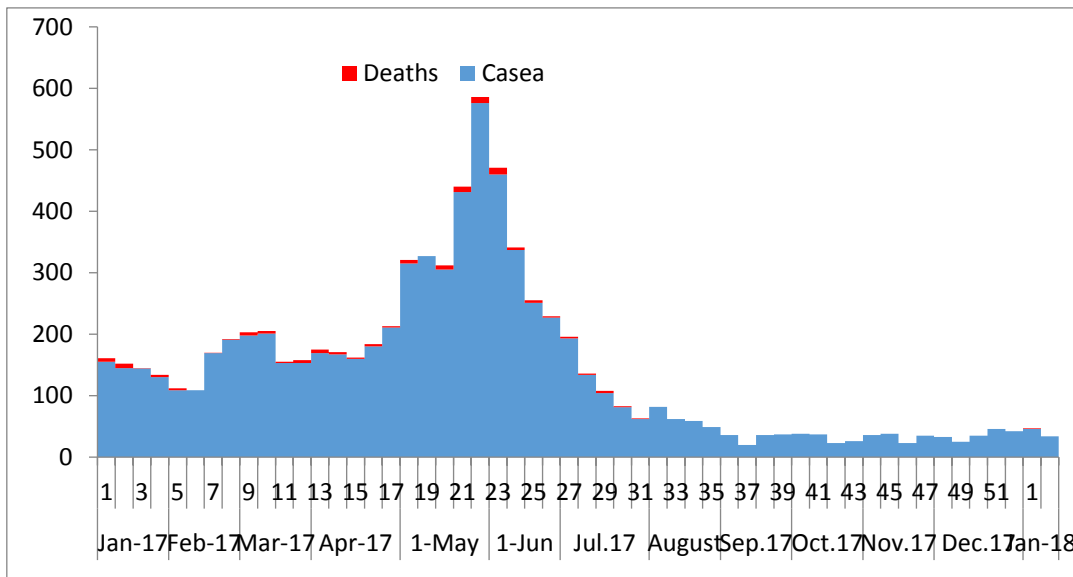
During the same period of time a total of 34 cases no death (Fig 2b) were reported in Banadir region. Of the 34 cases, 23 (68%) were children below 5 years (fig 5) and none of the cases received the Oral cholera vaccine that was implemented in Banadir region between March and October 2017 (Fig 6)

The AWD/Cholera cases reported in Banadir may be linked to the cases reported in Hiraan because of the movement of people in both regions as well as using contaminated water from river Shabelle

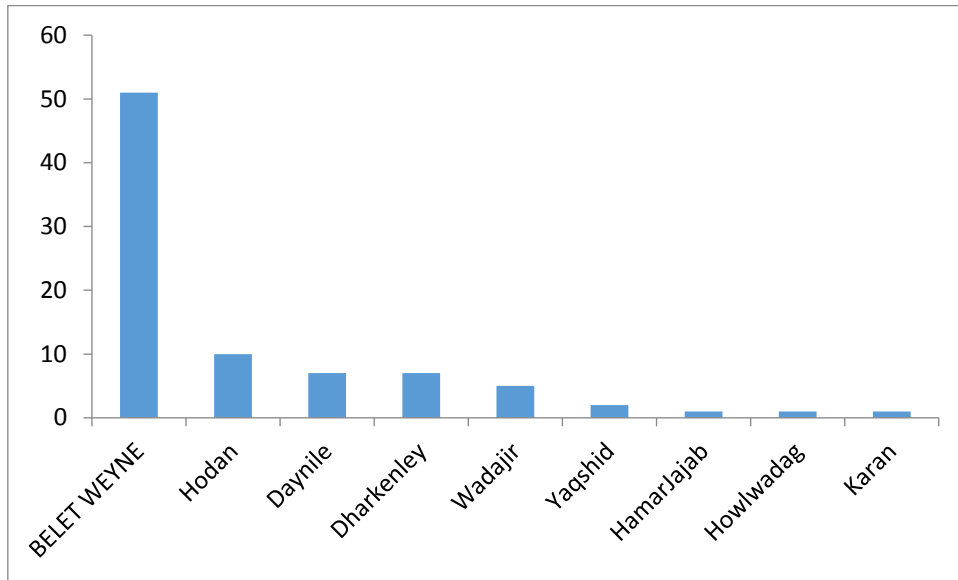
**Fig 2a. Epi-curve showing AWD cholera cases in Hiraan region (Jan-2018)**



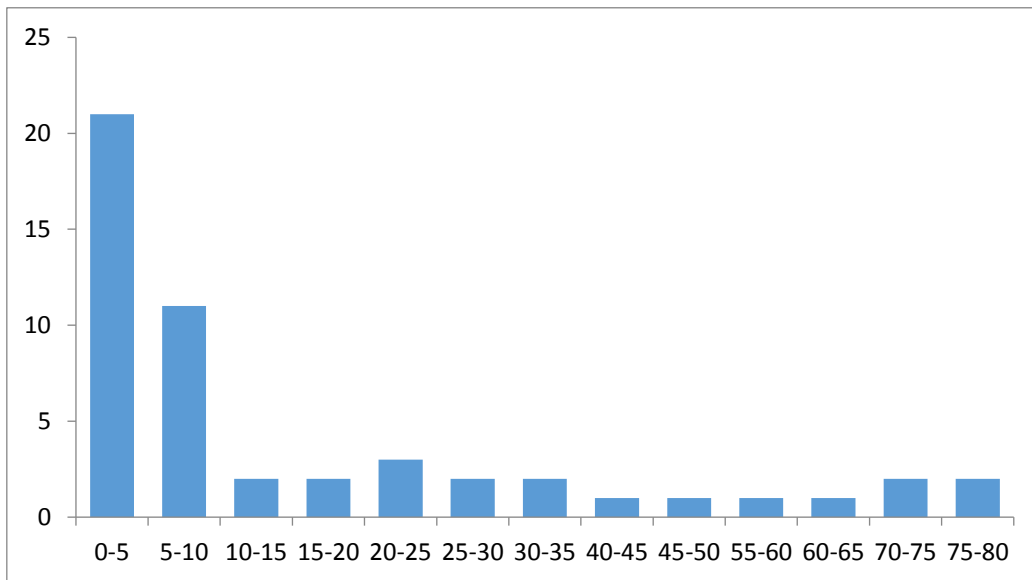
**Fig 2b. AWD cholera cases in Banadir Jan 2017/ 2018**



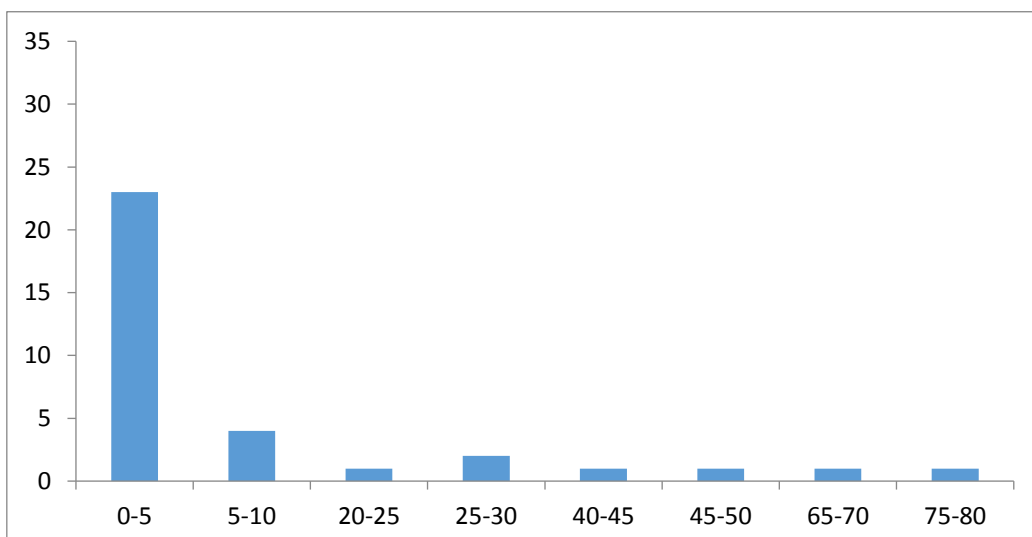
**Fig 3. AWD/Cholera cases reported in district of, Hiran region, Banadir region (Jan 2018)**



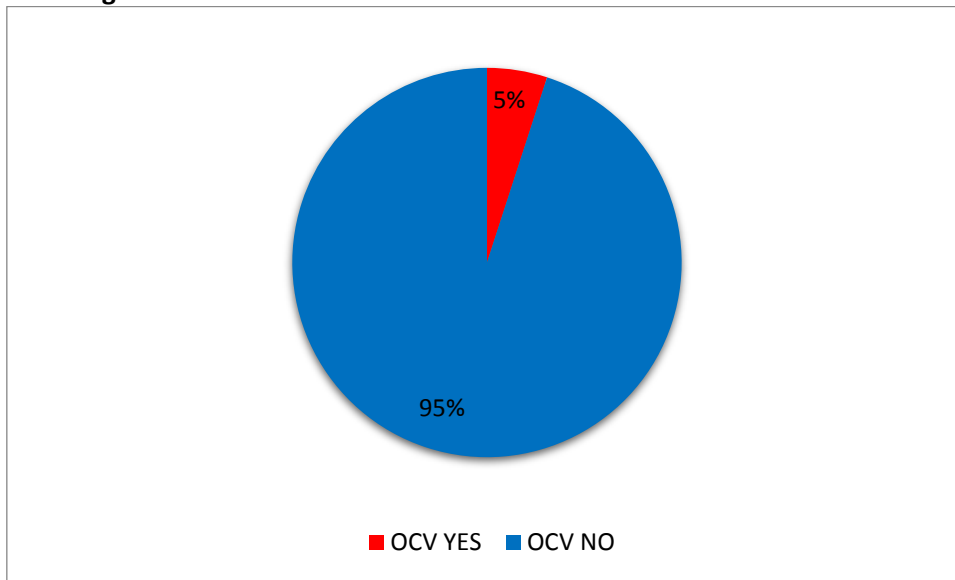
**Fig 4. AWD/cholera Cases by category in Hiraan region,2018**



**Fig 5. AWD/Cholera cases by age in Banadir region, week 2 2018**



**Fig 6. Oral cholera vaccination status of the cholera cases in Hiraan**



**Note. All the cases of AWD/Cholera in Banadir region did not get Oral cholera vaccine**

Table 2. Distribution of AWD/cholera cases per district in Somalia Jan 2018								
Region	District	Week 2(8th- 14th Jan - 2018)				Cumulative (week 2-2018)		
		cases <5yrs	cases >5yrs	Deaths	CFR (%)	Live	Deaths	CFR (%)
Banadir	Heliwaa	0	0	0	0	1	0	0
	Daynile	4	3	0	0	14	1	7.1
	Dharkenley	5	2	0	0	9	0	0
	HamarJajab	1	0	0	0	3	0	0
	Hodan	6	4	0	0	28	0	0
	Howlwadag	1	0	0	0	3	0	0
	Karan	0	1	0	0	1	0	0
	Madina	4	1	0	0	17	0	0
	Wardigley	0	0	0	0	2	0	0
	Yaqshid	2	0	0	0	2	0	0
Hiiran	Beletweyne	21	30	0	0	95	0	0
	Buloburte	0	0	0	0	0	0	0
	Jalalaqsi	0	0	0	0	0	0	0
<b>Total</b>		44	41	0	0	175	1	0.6

## Response activities implemented during the week

### Coordination and Leadership

- Weekly meetings were held in Banadir hospital CTC between ministry of health, health cluster partners and WASH cluster to plan for the implementation of response activities

### Case management and Oral cholera vaccination

- The Cholera treatment centres in Banadir hospital and Beletweyne hospital have been opened to support the management of cases
- Rapid Response Teams and community health workers that were trained in Banadir region have been deployed to refer cases as well as manage mild cases using ORS in the community
- A total of 328000 oral cholera vaccines ~~are to be have been~~ received by MoH for SCI and will be used to scale up OCV campaign in Hudur in Bakol region and Afmadow in LowerMiddle Jubba region.

### Surveillance and laboratory investigations

- Mobile Teams and community health workers have been deployed to support the investigation and verification of rumours in Banadir and Beletweyne
- Alerts about AWD/Cholera are received from different regions using the newly activated EWARN system
- 5 stool samples were collected from Banadir CTC and transported to NPHL in Mogadishu for analysis awaiting final results

### Water Sanitation and Hygiene

- 400 hygiene kits including 2000 Bars (800g) (80 Boxes), Aqua tabs/ Water maker 80000 Tablets (5 Cartons), 20 Litre Jerry can 400 Jerry Cans and 20 Litre Bucket with lid 400 Buckets for 400 Households in Beletweyne district have been conducted
- A total of 41 water sources have been chlorinated in sections surrounding Beletweyne district by health cluster and WASH cluster partners
- Mobile vans were hired to sensitize communities about hygienic practices in markets and IDPS in Beletweyne district

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