



## Situation Report for Acute Watery Diarrhoea/Cholera

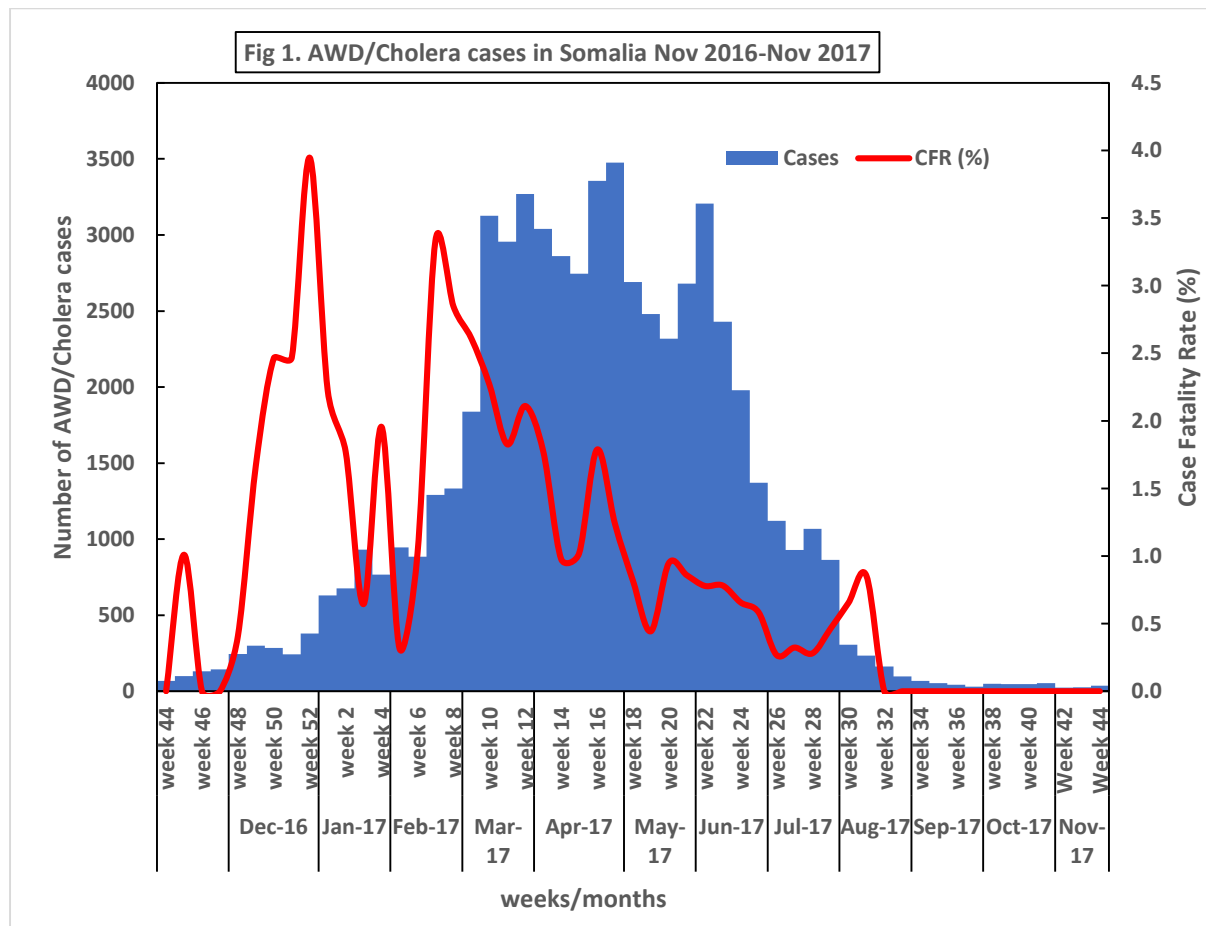
Epidemiological Week 44( 30<sup>th</sup>-Oct -5<sup>th</sup>Nov 2017)

### HIGHLIGHTS

- A total of 36 new cases of AWD were reported in week 44 compared to 26 cases in week 43 in Central zone
- The new AWD cases were reported from 8 districts in one region, of which 100% were reported from Banadir region
- No new death was reported in the one zone
- A cumulative total of 60,763 cases and 820 deaths have been reported in 52 districts of 16 regions of South central and Puntland since January 2017
- The number of AWD/Cholera cases and deaths in inaccessible areas are 4 times the number of cases and deaths in areas that are accessible
- Of the 10 stool samples tested for AWD in Banadir region beginning of October 2017, 1 was positive for Vibrio Cholerae
- OCV campaign conducted in Daynile and Wadajir districts in Banadir region

### KEY FIGURES /WEEK 44

- 36 new cases
- No death
- 36% of the new cases were female
- 58% of the cases were children below 5 years
- 8 districts reported new AWD cases in the one zone
- 60,763 cumulative cases (week 1-44)
- 820 cumulative deaths (week 1-44)
- 1.4% overall case fatality rate
- 198134 people received second dose of OCV in Daynile and Wadajir



## Situation update

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

Over the past two weeks there has been a significant decrease in the number of AWD/Cholera cases reported in all regions. Active transmission of AWD/cholera is observed in Banadir and Lower Jubba regions that have had an influx of refugees due to insecurity in these regions. The number of new AWD/Cholera cases in all regions are summarised in table 1 below. It is important to note that the number of AWD/Cholera cases in regions where oral cholera vaccination campaign was implemented have also decreased.

Reports of increased rainfall and flooding in river Jubba have been received increasing the importance of high alert for any AWD/Cholera alerts reported from different regions

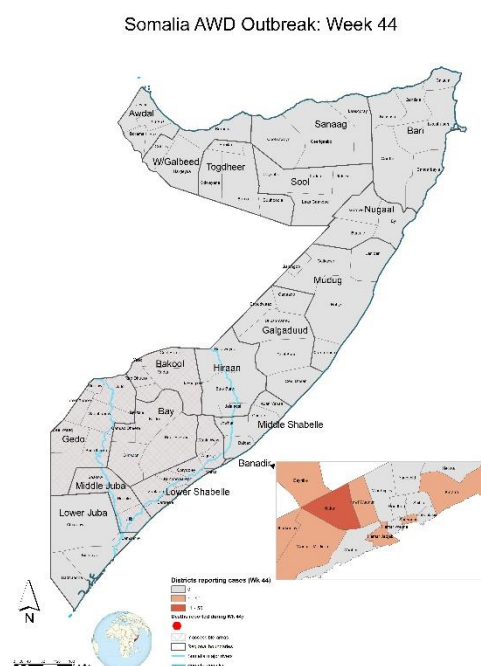


Table 2. Summary of AWD/Cholera cases in different regions

Region	Week 43(23th -29th Oct - 2017)			Week 44(30th -Oct to 5th Nov - 2017)			Cumulative as of Epi-Week 1 to 44		
	Live	Deaths	CFR(%)	Live	Deaths	CFR(%)	Live	Deaths	CFR (%)
Bay <sup>α</sup>	0	0	0	0	0	0	14913	214	1.4
Bakol	0	0	0	0	0	0	3,880	156	4
Lower Juba <sup>α</sup>	0	0	0	0	0	0	3,142	15	0.5
Gedo	0	0	0	0	0	0	5,622	53	0.9
Galgaduud	0	0	0	0	0	0	4,106	22	0.5
Middle Shabelle <sup>α</sup>	0	0	0	0	0	0	2,491	23	0.9
Hiraan <sup>α</sup>	0	0	0	0	0	0	382	3	0.8
Lower Shebelle	0	0	0	0	0	0	5,599	63	1.1
Bari	0	0	0	0	0	0	656	5	0.8
Sanaag	0	0	0	0	0	0	1,149	16	1.4
Karkaar	0	0	0	0	0	0	1,112	5	0.4
Mudug	0	0	0	0	0	0	2,722	17	0.6
Sool	0	0	0	0	0	0	1,422	7	0.5
Nugaal	0	0	0	0	0	0	2,485	30	1.2
Ayn	0	0	0	0	0	0	3,779	69	1.8
Banadir <sup>α</sup>	26	0	0	36	0	0	7,303	122	1.7
<b>Total</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>36</b>	<b>0</b>	<b>0</b>	<b>60,763</b>	<b>820</b>	<b>1.3</b>

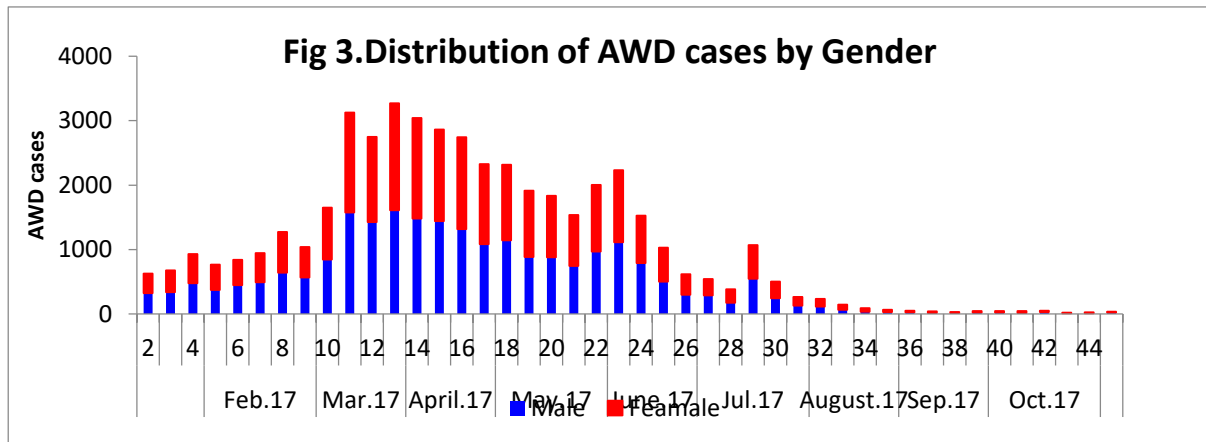
<sup>α</sup>Oral Cholera Vaccination (OCV) was introduced in 9 high risk districts in these regions. Alerts from Middle Juba have not been included because they could not be verified due to insecurity. Affected districts in these regions are hard to reach with the exception of town areas.

No data is received from middle Jubba because health facilities are not accessible

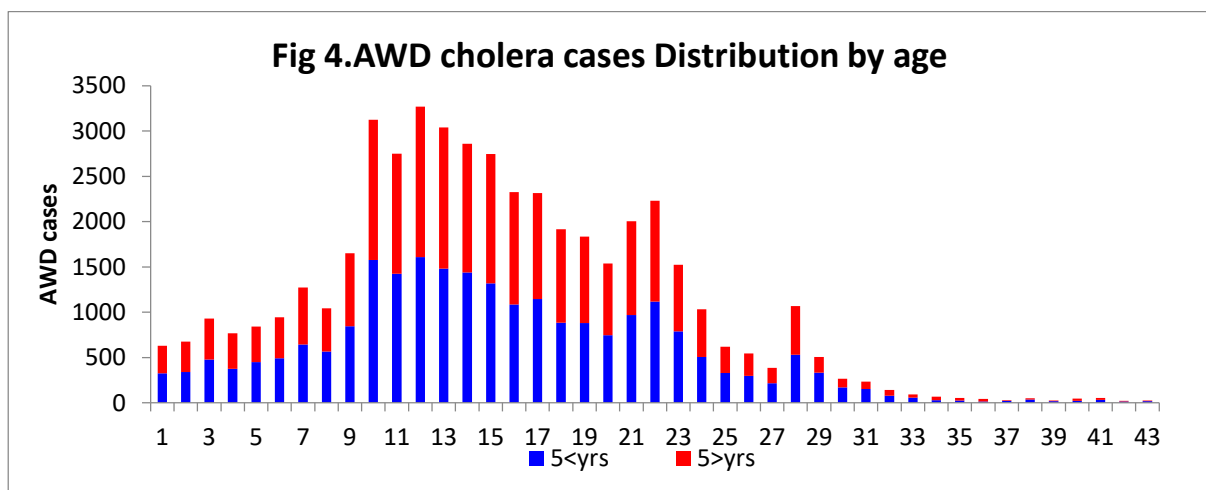
## AWD/Cholera cases breakdown by category

### Distribution of AWD/Cholera cases by Gender

As shown in Fig.3 below, an almost equal proportion of males and females are affected by AWD in all regions cumulatively. During week 44, 36% of the cases were female while 64% were male.



### Distribution of AWD cases by age

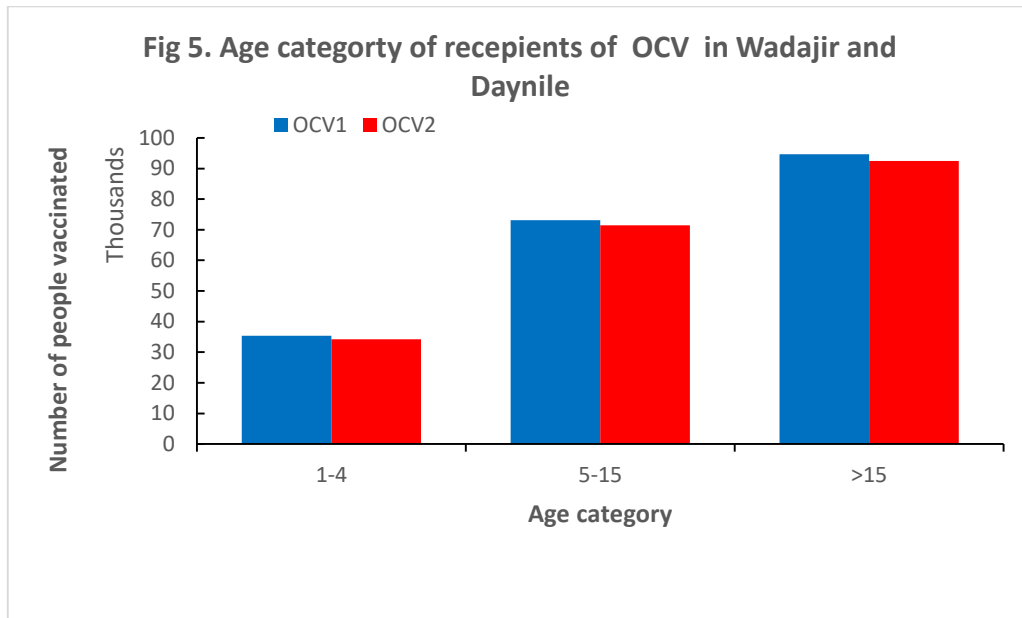


As shown in figure 4 below, 58% of the people affected by AWD/cholera in week 44 are below 5 years.

### Oral cholera vaccination campaign in Wadajir and Daynile

- A total of 198134 people aged 1 year and above received 2 doses of Oral Cholera Vaccines in Daynile and Wadajir compared to 203,103 (98%) in the same districts
- Of the 198,134, 92,432(47%) were people aged 15 years and above,71468 (36%) children aged 5-15 years, 34,234 (17%) where children aged 1-4 years (fig 5)
- A total of 1,024,948 people aged 1 year and above have received 2 doses of Oral cholera vaccines in 11 high risk districts in Somalia between March and October 2017
- The Polio team led the implementation of the campaign using polio structures already existing in all parts of the country.
- A mixed strategy of door to door campaign was used by the vaccination teams to reach the target population
- A total of 149 vaccination teams of 4 members each were trained for Wadajir and Daynile districts deployed in the target areas to provide vaccination to the target population.

- House to house strategy was used in all the areas to reach the maximum number of target population
- A total of 29 supervisors, over 20 monitors and 196 social mobilizers from MoH and WHO monitored and supervised the implementation of the first of OCV
- No case of Adverse Events Following Immunization (AEFI) has so far been reported in any of the implementation sites



**Table 3. Distribution of AWD/cholera cases per district in Somalia**

Region	District	Week 44(30th-Oct -5th Nov - 2017)				Cumulative (week 1-44)		
		cases <5yrs	cases >5yrs	Deaths	CFR (%)	Live	Deaths	CFR (%)
<b>Bakol</b>	Elbarde	0	0	0	0	382	8	2.1
	Hudur	0	0	0	0	953	18	1.9
	Teyeglow	0	0	0	0	236	17	7.2
	Wajid	0	0	0	0	2309	113	4.9
<b>Banadir</b>	Heliwaa	0	0	0	0	229	3	1.3
	Darkenley	4	0	0	0	48	0	0.0
	Daynile	4	1	0	0	49	0	0.0
	HamarJabja	0	1	0	0	8	0	0.0
	Hawlwadag	0	2	0	0	20	0	0.0
	Waberi	0	0	0	0	5	0	0.0
	Wardigley	0	0	0	0	6	0	0.0
	Yaqshid	0	0	0	0	6	0	0.0
	Karaan	0	1	0	0	6	0	0.0
	Hodan	7	5	0	0	52	0	0.0
	Shibis	0	0	0	0	1	0	0.0
	Shingani	1	0	0	0	3	0	0.0
	Wadajir	5	5	0	0	6,870	119	1.7
<b>Bay</b>	Baidoa	0	0	0	0	12,144	156	1.3
	Bardale	0	0	0	0	948	26	2.7
	Burhakaba	0	0	0	0	908	24	2.6
	Dinsor	0	0	0	0	425	1	0.2
	Qandahder	0	0	0	0	488	7	1.4
<b>Galgadud</b>	Abudwaq	0	0	0	0	1,838	11	0.6
	Adado	0	0	0	0	868	7	0.8
	Elder	0	0	0	0	85	0	0.0
	Dhusomareb	0	0	0	0	1,315	4	0.3
<b>Gedo</b>	Bardhere	0	0	0	0	1,174	10	0.9
	Burdhubo	0	0	0	0	812	7	0.9
	Dolow	0	0	0	0	1,427	0	0.0
	Garbaharey	0	0	0	0	894	7	0.8
	Luq	0	0	0	0	1,315	29	2.2
<b>Hiiran</b>	Beletweyne	0	0	0	0	351	2	0.6
	Buloburte	0	0	0	0	10	0	0.0
	Jalalaqsi	0	0	0	0	21	1	4.8
<b>Lower Jubba</b>	kismayo	0	0	0	0	3,142	15	0.5
<b>Lower Shabelle</b>	Afgoye	0	0	0	0	688	0	0.0
	kurtunwarey	0	0	0	0	175	0	0.0
	Marka	0	0	0	0	2,214	32	1.4
	Qoryoley	0	0	0	0	926	13	1.4
	Walaweyn	0	0	0	0	1,596	18	1.1
<b>Middle Shabelle</b>	Warsheik	0	0	0	0	267	0	0.0
	Balad	0	0	0	0	451	2	0.4
	Jowhar	0	0	0	0	1,773	21	1.2

Region	District	Cases <5	Cases >5	Deaths	CFR(%)	Live	Deaths	CFR(%)
<b>Ayn</b>	Buhodle	0	0	0	0	3,779	69	1.8
<b>Sool</b>	Lascaanod	0	0	0	0	376	0	0.0
	Boocame	0	0	0	0	354	0	0.0
	Taleeh	0	0	0	0	692	7	1.0
<b>Sanaag</b>	Dhahar	0	0	0	0	1,149	16	1.4
<b>Bari</b>	Carmo	0	0	0	0	4	0	0.0
	Ufeyn	0	0	0	0	1	0	0.0
	Bosasso	0	0	0	0	651	5	0.8
<b>Karkaar</b>	Qardho	0	0	0	0	1,112	5	0.4
<b>Mudug</b>	Galdogob	0	0	0	0	544	6	1.1
	Galkayo	0	0	0	0	1,217	2	0.2
	Harfo	0	0	0	0	489	8	1.6
	Jariiban	0	0	0	0	472	1	0.2
<b>Nugal</b>	Burtinle	0	0	0	0	931	6	0.6
	Dangorayo	0	0	0	0	50	0	0.0
	Eyl	0	0	0	0	74	0	0.0
	Garowe	0	0	0	0	1,430	24	1.7
<b>Total</b>		<b>21</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>60,763</b>	<b>820</b>	<b>1.3</b>

## Response activities

### Coordination and Leadership

- The Federal Ministry of Health, with the support of WHO, conducted weekly coordination meetings with Health and WASH cluster partners at national and sub-national levels.
- A mission to Banadir hospital was implemented by WHO and FMOH staff following a reported upsurge of AWD cases. Samples for confirmation of cases were transported to the National Public Health Labs. One sample out of 10 tested positive for Vibrio cholera.
- A review of the implementation of different activities was conducted by regional Surveillance officers and NPHL to identify gaps and lessons learnt so as to plan for the next expected outbreak during the rainy season.
- In addition to the 460 health workers so far trained in cholera case management, 60 additional health workers were trained in Mudug region.

### Surveillance and Laboratory activities

- Training of 50 health workers was done in Kismayo, Lower Jubba state. The training on Case management and infection Prevention and Control was supported by WHO and health cluster partners.
- A total of 265 sentinel health facilities submitted reports to the electronic disease surveillance systems in all regions. This is in addition to AWD/cholera reports received from cholera treatment facilities.
- The Early Warning Alert and Response Network for disease surveillance in complex humanitarian settings has been activated in Somalia.
- An alert of cholera outbreak among illegal Somali immigrants to Yemen is under way in all regions by the surveillance team.

### Water Sanitation and Hygiene

- Distribution of hygienic kits to IDP communities in Lower and Middle Jubba
- Community education and mobilisation was done in all regions affected by AWD.

### Essential Medicines and supplies

- A total of 167 tons of essential medicines and supplies have been distributed to all regions since the beginning of the outbreak.

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