

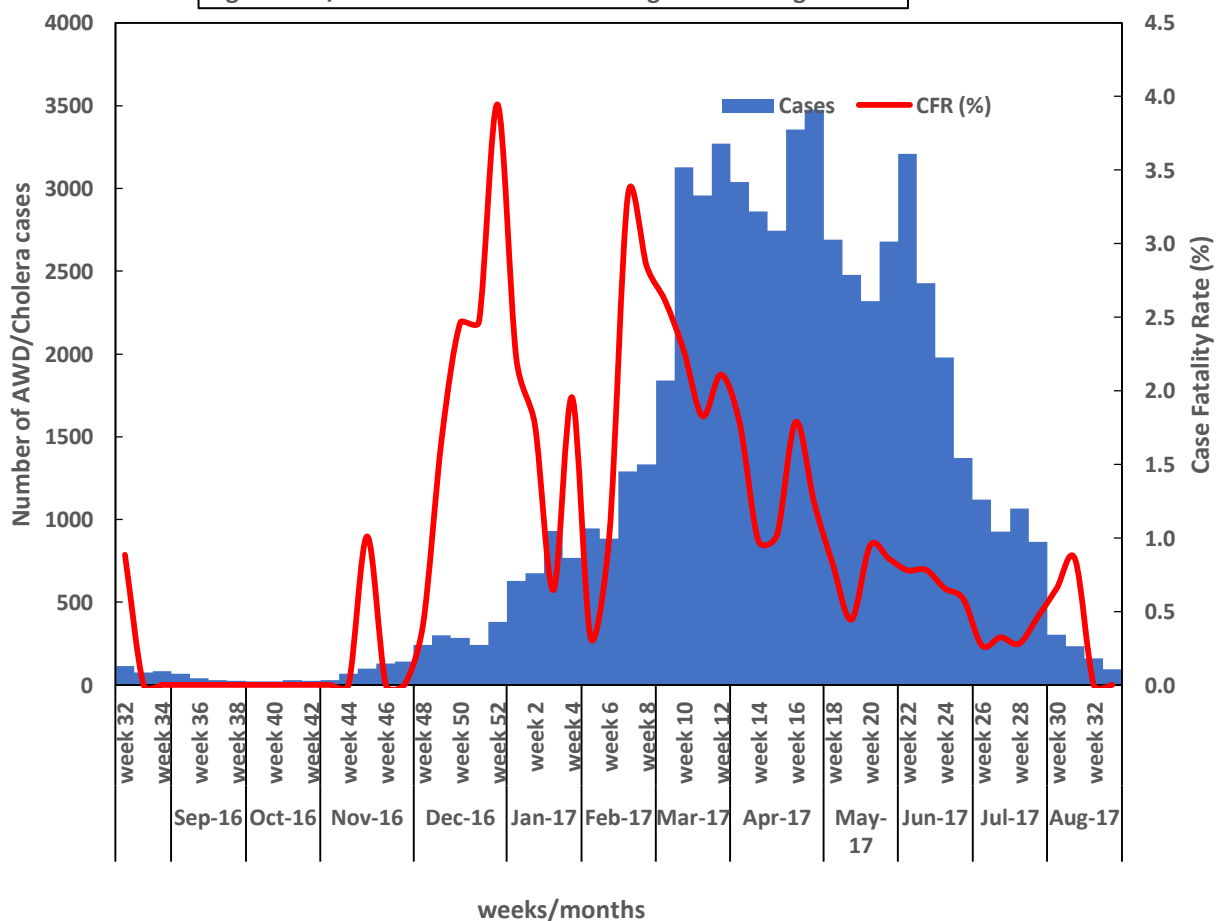


Situation Report for Acute Watery Diarrhoea/Cholera

Epidemiological Week 33 (14th to 20th August 2017)

- A total of 97 new cases of AWD were reported in week 33 compared to 163 cases in week 32
- The new AWD cases were reported from 12 districts in 5 regions of which 64% were reported from Banadir region
- No new deaths have been reported from all the zones over the past 2 weeks
- A cumulative total of 60,288 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
- 97 new cases
- Zero deaths
- 56% of the new cases were female
- 61% of the cases are children below 5 years
- 12 districts reported new AWD cases in the 2 zones
- 60,288 cumulative cases (week 1-33).
- 820 cumulative deaths (week 1-33).
- 1.4% over all case fatality rate

Fig 1. AWD/Cholera cases in Somalia August 2016-August 2017



Situation update

AWD/cholera situation in different regions of South-Central zone and Puntland.

Over the past two weeks there has been a significant decrease in the number of AWD/Cholera cases in all regions. Active transmission of AWD/cholera is only observed in Banadir region and Lower Jubba that have had an influx of refugees due to insecurity in these regions. The number of new AWD/Cholera cases in all regions is 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 decrease.

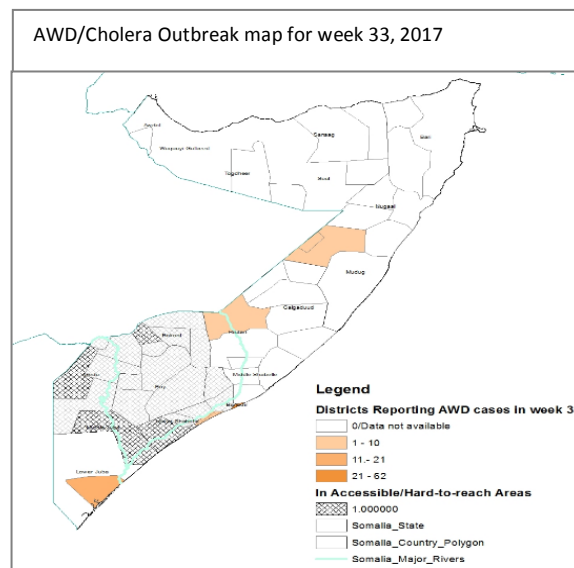


Table 1. Summary of AWD/Cholera cases reported in Puntland and Southcentral zone

Region	Week 32(7th - 13th August - 2017)			Week 33(14th - 20th August - 2017)			Cumulative cases and deaths Epi-Week 1 to 33		
	Live	Deaths	CFR(%)	Live	Deaths	CFR(%)	Live	Deaths	CFR (%)
Bay ^α	0	0	0	0	0	0.0	14913	214	1.4
Bakol	0	0	0	0	0	0.0	3,880	156	4.0
Lower Juba ^α	22	0	0	21	0	0.0	3,070	15	0.5
Gedo	0	0	0	0	0	0.0	5,622	53	0.9
Galgaduud	3	0	0	0	0	0.0	4,106	22	0.5
Middle Shabelle ^α	24	0	0	0	0	0.0	2,491	23	0.9
Hiraan ^α	0	0	0	4	0	0.0	382	3	0.8
Lower Shebelle	13	0	0	6	0	0.0	5,593	63	1.1
Bari	6	0	0	0	0	0.0	656	5	0.8
Sanaag	0	0	0	0	0	0.0	1,149	16	1.4
Karkaar	1	0	0	0	0	0.0	1,112	5	0.4
Mudug	7	0	0	4	0	0.0	2,722	17	0.6
Sool	5	0	0	0	0	0.0	1,422	7	0.5
Nugaal	0	0	0	0	0	0.0	2,485	30	1.2
Ayn	0	0	0	0	0	0.0	3,779	69	1.8
Banadir ^α	82	0	0	62	0	0.0	6,906	122	1.8
Total	163	0	0	97	0	0.0	60,288	820	1.4

^αOral 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.

AWD/Cholera Attack Rates (AR) in affected regions.

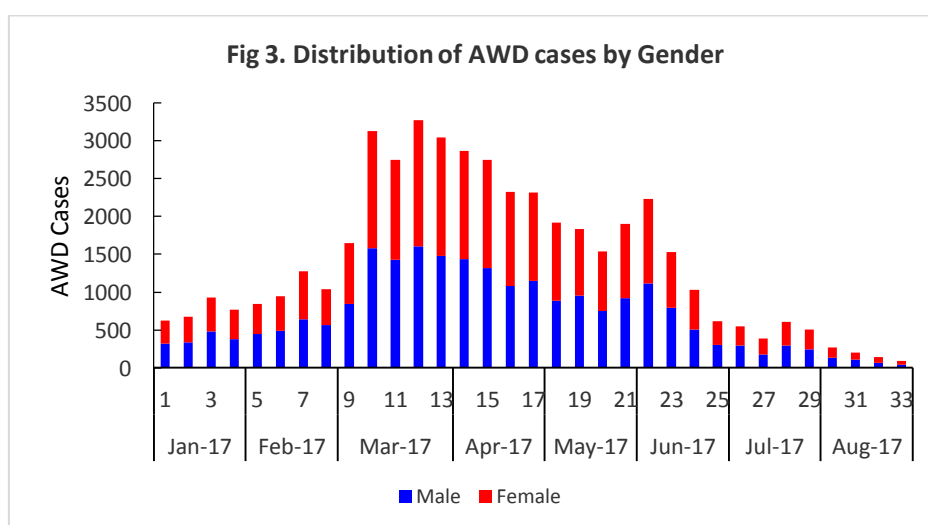
The Attack rate ranges from 0-19 people per 1000 population. Bay region is one of the regions with the highest attack rate due to the high number of refugees in IDP camps who came of Bay region during the period of severe drought. Access to safe water and proper sanitation by these people in IDPs was very limited leading to high number of new infections. Over the past two weeks however, the attack rate has been zero pointing to possible end of outbreak in all the regions

Region	Population at risk	AR-Week 32	AR-week 33	Cumulative Attack Rate
Bay	760,495	0.0	0.0	19.9
Bakol	352,538	0.0	0.0	11.4
Lower Juba	469,734	0.1	0.0	6.6
Gedo	488,069	0.0	0.0	11.6
Galgaduud	546,657	0.1	0.0	7.6
Middle Shabelle	495,396	0.0	0.0	5.1
Hiraan	499,858	0.0	0.0	0.8
Lower Shebelle	1,154,129	0.0	0.0	4.9
Bari	690,731	0.0	0.0	2.6
Sanaag	522,360	0.0	0.0	2.2
Mudug	689,148	0.0	0.0	4.0
Sool	314,329	0.0	0.0	4.5
Nugaal	376,989	0.0	0.0	6.7
Ayn	692,509	0.0	0.0	5.6
Banadir	1,520,350	0.0	0.0	4.6
Total	9,573,292	0.0	0.0	6.4

AWD/Cholera cases breakdown by category.

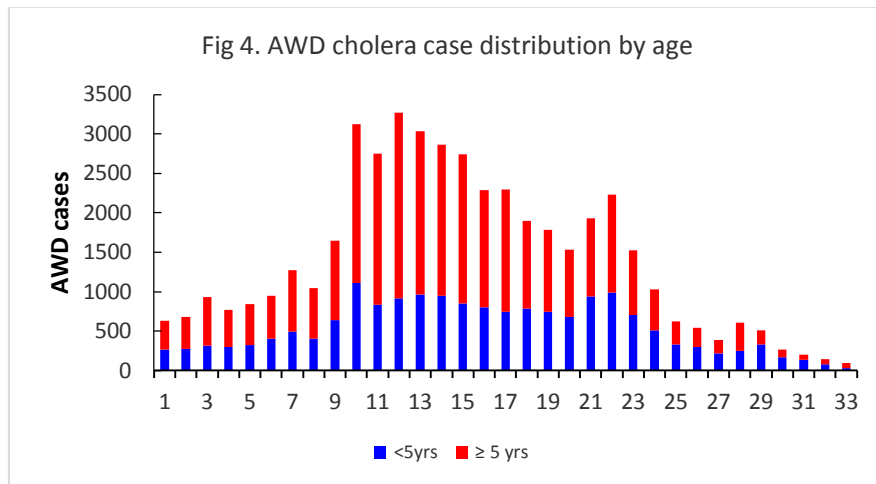
Distribution of AWD/Cholera cases by Gender.

As shown in Fig.3 below, an almost equal proportion of males and females are affected by AWD in all regions. During week 333, 56% of the cases were female while 44 % were male.



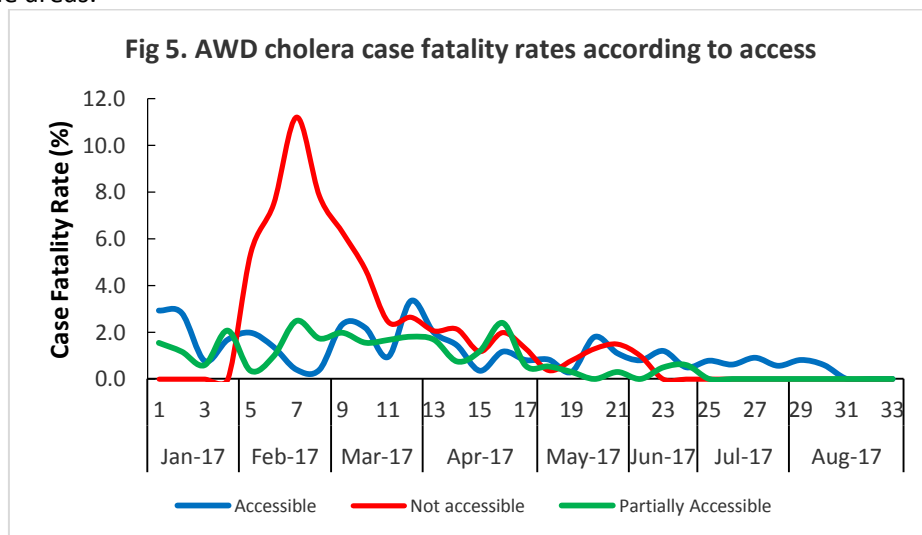
Distribution of AWD cases by age

As shown in figure 4 below, 61% of the people affected by AWD/cholera in week 48 are below 5 years.



Distribution of AWD cases by access¹

As shown in figure 5 above, the case fatality rate in areas that are not accessible is higher than that in accessible areas.



¹ Access was defined as regions that are under government control and partners can offer AWD/cholera services to affected communities. Regions that are not accessible include Bay, Bakol, Gedo, Galgadud and Lower Shabelle. All areas in Puntland are accessible and were not included in this analysis.

Region	District	Week 33(14th to 20th August - 2017)				Cumulative (week 1-33)		
		cases <5yrs	cases >5yrs	Deaths	CFR (%)	Live	Deaths	CFR (%)
Bakol	Elbarde	0	0	0	0.0	382	8	2.1
	Hudur	0	0	0	0.0	953	18	1.9
	Teyeglow	0	0	0	0.0	236	17	7.2
	Wajid	0	0	0	0.0	2309	113	4.9
Banadir	Heliwaa	13	13	0	0.0	26	0	0.0
	17 district	26	10	0	1.6	6,880	122	1.8
Bay	Baidoa	0	0	0	0.0	12,144	156	1.3
	Bardale	0	0	0	0.0	948	26	2.7
	Burhakaba	0	0	0	0.0	908	24	2.6
	Dinsor	0	0	0	0.0	425	1	0.2
	Qandahder	0	0	0	0.0	488	7	1.4
Galgadud	Abudwaq	0	0	0	0.0	1,838	11	0.6
	Adado	0	0	0	0.0	868	7	0.8
	Elder	0	0	0	0.0	85	0	0.0
	Dhusomareb	0	0	0	0.0	1,315	4	0.3
Gedo	Bardhere	0	0	0	0.0	1,174	10	0.9
	Burdhubo	0	0	0	0.0	812	7	0.9
	Dolow	0	0	0	0.0	1,427	0	0.0
	Garbaharey	0	0	0	0.0	894	7	0.8
	Luq	0	0	0	0.0	1,315	29	2.2
Hiiran	Beletweyne	1	3	0	0.0	351	2	0.6
	Buloburte	0	0	0	0.0	10	0	0.0
	Jalalaqsi	0	0	0	0.0	21	1	4.8
Lower Jubba	kismayo	14	7	0	0.0	3,070	15	0.5
Lower Shabelle	Afgoye	0	0	0	0.0	688	0	0.0
	kurtunwarey	0	0	0	0.0	175	0	0.0
	Marka	5	1	0	0.0	2,208	32	1.4
	Qoryoley	0	0	0	0.0	926	13	1.4
	Walaweyn	0	0	0	0.0	1,596	18	1.1
Middle Shabelle	Warsheik	0	0	0	0.0	267	0	0.0
	Balad	0	0	0	0.0	451	2	0.4
	Jowhar	0	0	0	0.0	1,773	21	1.2
Ayn	Buhodle	0	0	0	0.0	3,779	69	1.8
Sool	Lascaanod	0	0	0	0.0	376	0	0.0
	Boocame	0	0	0	0.0	354	0	0.0
	Taleeh	0	0	0	0.0	692	7	1.0
Sanaag	Dhahar	0	0	0	0.0	1,149	16	1.4
Bari	Carmo	0	0	0	0.0	4	0	0.0
	Ufeyn	0	0	0	0.0	1	0	0.0
	Bosasso	0	0	0	0.0	651	5	0.8
Karkaar	Qardho	0	0	0	0.0	1,112	5	0.4
Mudug	Galdogob	0	1	0	0.0	544	6	1.1
	Galkayo	1	2	0	0.0	1,217	2	0.2
	Harfo	0	0	0	0.0	489	8	1.6
	Jariiban	0	0	0	0.0	472	1	0.2
Nugal	Burtinle	0	0	0	0.0	931	6	0.6
	Dangorayo	0	0	0	0.0	50	0	0.0
	Eyl	0	0	0	0.0	74	0	0.0
	Garowe	0	0	0	0.0	1,430	24	1.7
Total		60	37	0	0.0	60,288	820	1.4

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.
- All the cholera treatment centres that were opened at the beginning of the outbreak to manage cases in different regions have been closed.
- Training of 50 health workers was conducted in Adale district in Middle Shabelle region.

Surveillance and Laboratory activities

- 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.
- Weekly and daily surveillance reports were compiled and shared with partners.
- Data quality assessment was conducted for all the surveillance records submitted from all regions in the central zone.

Water Sanitation and Hygiene

- Distribution of hygienic kits to IDP communities in Lower and Middle Jubba
- Community education and mobilisation done in Kismayo and Doble

Essential Medicines and supplies

- A total of 147 tons of essential medicines and supplies have been distributed to all regions since the beginning of the outbreak.

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