



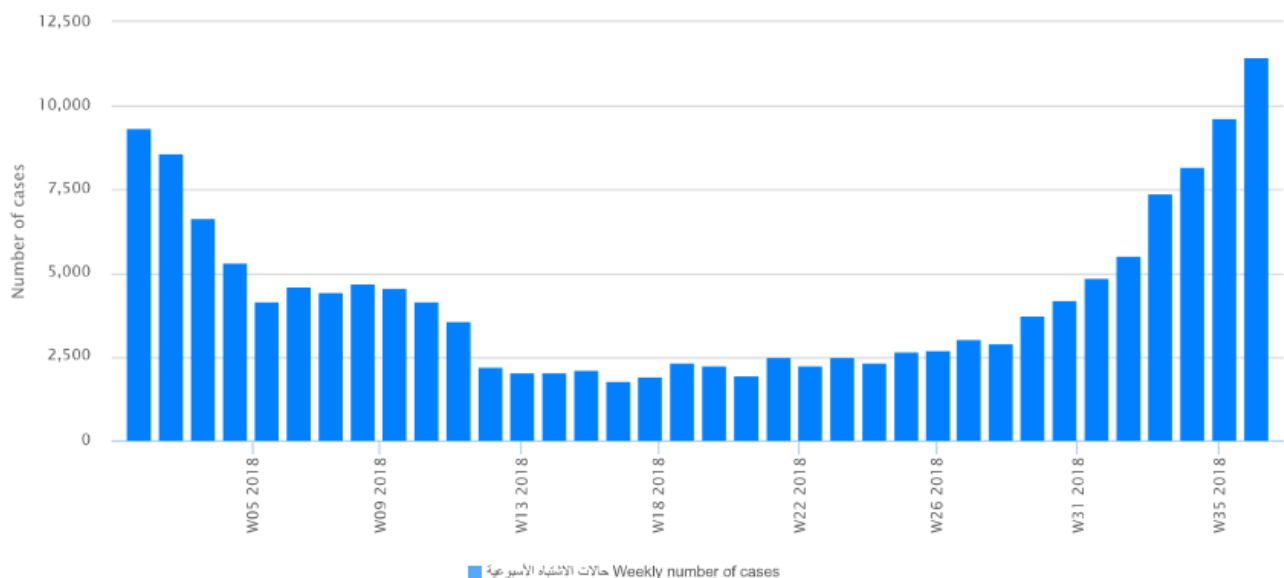
Cholera



Situation Update

- **Cumulative figures since the beginning of the outbreak:** The cumulative total of suspected cholera cases reported since 27 April 2017 to 9 September 2018 is **1,176,963** with **2,435** associated deaths across the country. The overall case fatality ratio is 0.21% and the national attack rate is 418 per 10,000 people.
- **Since the beginning of January 2018** to 26 August, there are **154,527** suspected cholera cases and **197** associated deaths, (CFR 0.13%), the highest attack rate per 10,000 at district level is reported in the districts of (Radman Al Awad, Nihm, Mukayras, and Al Mahwit). 218 districts are still reporting suspected cholera cases since last 3 weeks. Children under 5 years old represent 30 % of total suspected cases.
- **In week 35**, there are **9,425** suspected cases and **15** associated deaths. The districts reporting the highest number of cases are Monabbih (451 cases), Hamdan (252), Ma'ain (229), Anss (221), and Jihanah (193). 15% of the reported cases this week are severely dehydrated.
- **In week 36**, there are **11,478** suspected cases and **16** associated deaths. The districts reporting the highest number of cases are Amran (279 cases), Anss (272), At Ta'iziyah (269), and Ma'ain (276) and Monabbih (262). 15% of the reported cases this week are severely dehydrated.

Weekly Suspected Cholera Cases



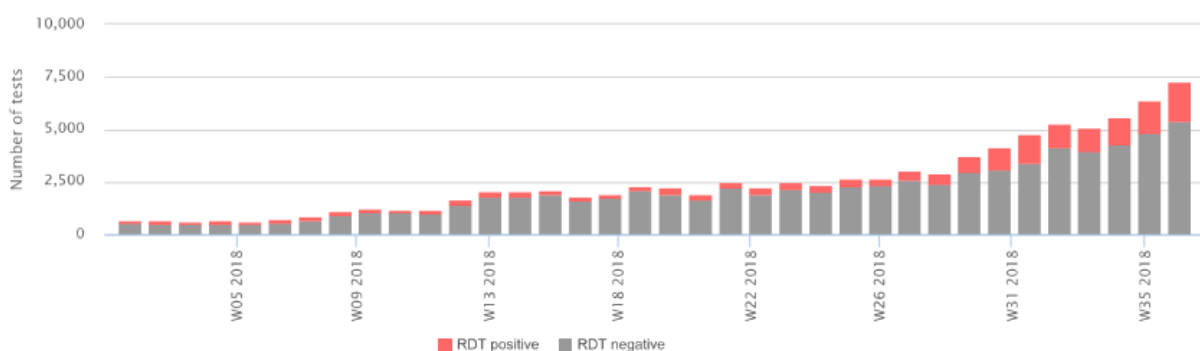
Cholera Outbreak Response

- **The oral cholera vaccination campaign update:** the second round of the OCV campaign will be conducted at the end of September in the northern governorates, the doses are available. For the southern governorates, there is a need to request more doses.
- **RDT Policy:** The ministry of public health and population has agreed on the new RDTs policy and will be working on its circulation. The policy states that all suspected cases to be included in the line list, not only those have an RDT performed.
- WHO has established an ORC at the health unit in Al Tawilah district, Al Mahwit governorate. RRTs role is enhanced to distribute cholera medication and conduct health education to increase awareness among population.
- WHO finalized a gap analysis to identify the districts where there is a gap in DTCs.
- **Health Cluster response:** Currently HC partners are operating 247 ORCs and 90 DTCs in 98 districts 14 governorates. Also, TFD is starting 3 DTC in three districts in Amarn governorate.
- **C4D UNICEF update:** C4D in partnership with endowment office in the governorates of (Dhalea, Shabwa, and Abyan) trained 320 religious leaders (Imams and Morhsydat) on cholera prevention in 13 hotspots districts. The network of these trained religious leaders is currently engaging with community through daily prayers and Quran sessions promoting for essential messages of Cholera prevention. Also, C4D in partnership with Education office in Aden finalized proposal of activating Health clubs of total 518 members (students and School Health Education focal points within 38 schools promoting for cholera perversion utilizing several Interpersonal communication sessions targeting students, school management teams, canteen venders, cleaners and PTAS. UNICEF in partnership with Ministry of Media and through 15 Media outlets (community radios) south of Yemen broadcasting a package of programs i.e. Flashes, sob-operas, interviews and LIVE session on cholera prevention.

Lab Update

- Rapid diagnostic tests (RDT) are available and the majority of suspected cholera cases are tested. Samples that are positive by RDT are sent to laboratories for culture.
- Laboratory processes and the transport of stool specimens have been enhanced resulting in a significant increase in the confirmation of cholera by culture and increased geographical representation of culture confirmed cases
- Laboratory results are communicated to RRTs through WhatsApp to allow for a rapid local response.
- Since the beginning of January 2018, a total of 90,889 rapid diagnostic tests (RDTs) have been performed, 16,843 were positive (18.5%).
- A total of 442 confirmed cases reported in week 35 and 36 at the central public health laboratories in Al Hudaydah, Sana'a, Taizz, and Aden governorates based on the lab line list.
- A total of 6,279 RDTs were performed in week 35, 1,523 were positive (24%), and 7,292 RDTs were performed in week 36, 1,912 were positive, 26%.

RDT results by week

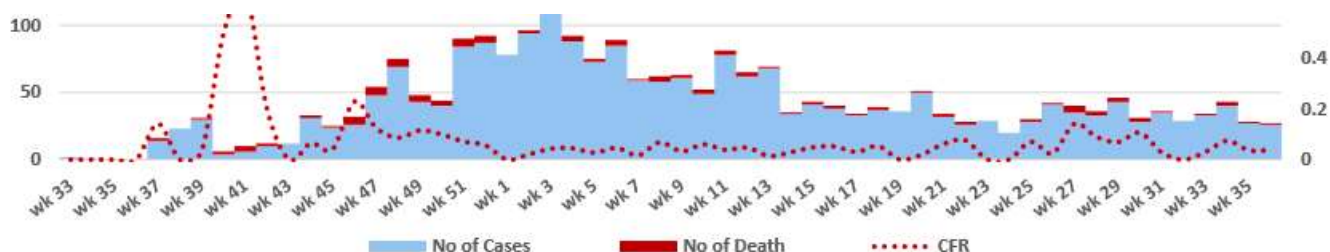




Situation Update

- As of week, 36, the local health authorities reported cumulative total of **2,311** suspected diphtheria cases including **123** associated deaths (CFR=**5.3%**).
- The diphtheria outbreak has affected 217 out of 333 districts from 20 governorates; Ibb (560 cases) and Sana'a (278 cases) are the most affected governorates.
- Children under 10 years of old account for the highest number of deaths representing 67 % of deaths and 32 % of suspected cases.
- A cumulative total of 10,831 contacts has been traced by district rapid response teams (RRTs) in 19 governorates since the beginning of the outbreak and provided with prophylactic antibiotics up to 9 September, 884 contacts has been traced from 8 governorates in weeks 35 &36.
- As of week 36, a total of 100 confirmed cases by lab testing in Amanat Al Asimah, Amarn, Sana'a, Al Hodaydah, Al Mahweet, Dhamar, and Taiz, Abyan and Lahj.

EPI-Curve of probable Diphtheria Cases with Associated deaths and CFR (N=2,311)



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