



Early Warning Alert and Response Network  
Weekly Epidemiological bulletin  
Epi week 52 (24<sup>th</sup> Dec – 30<sup>th</sup> Dec 2018)

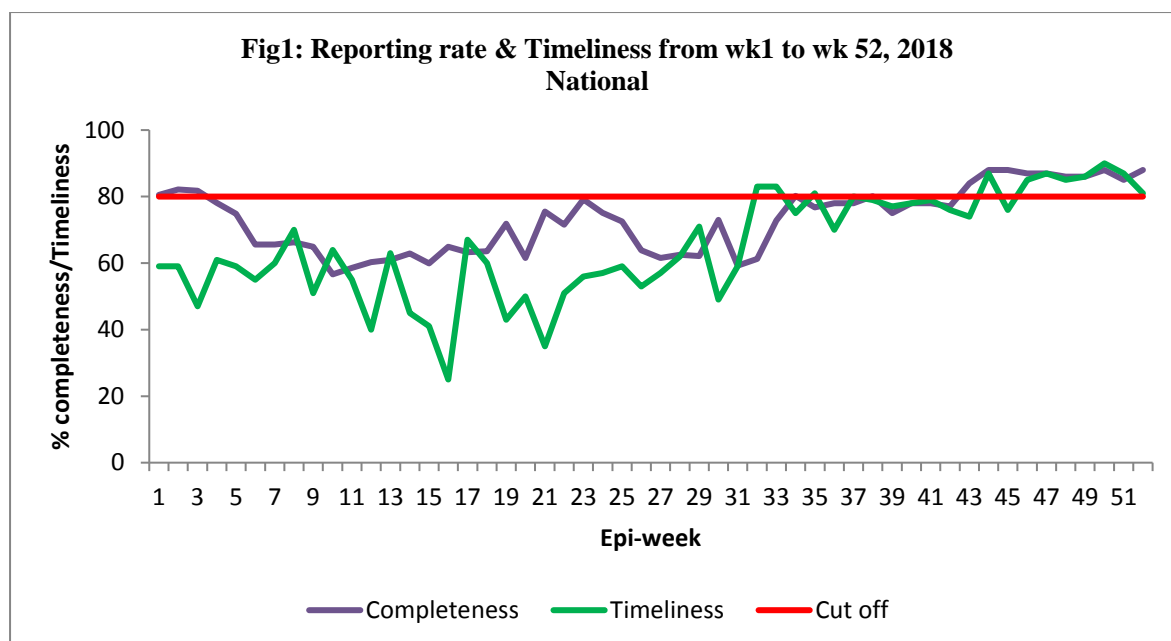
**Highlights**

- A total of 405 (88%) health facilities across Somalia submitted weekly report in week 52.
- A total of 10,386 alerts of which 119 were confirmed as true were received in week 52.

**Completeness of reporting**

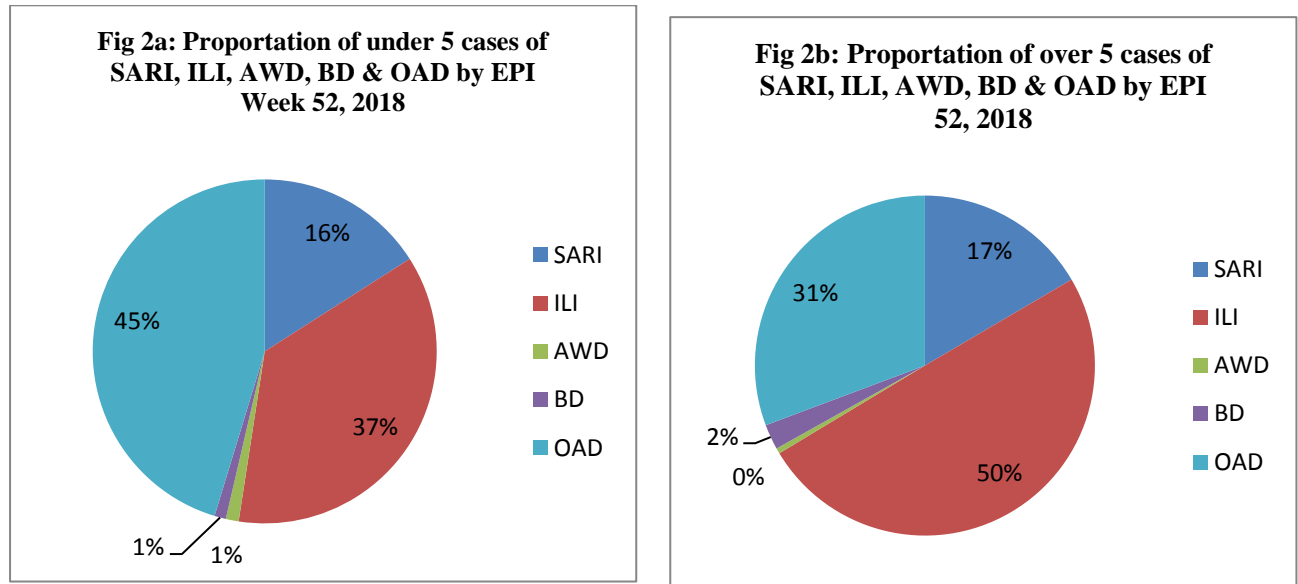
- A total of 405 (88%) of 461 active health facilities in EWARN submitted reports while the timeliness of reporting was 81% (Table 1 and Fig 1)

| States       | # of Active HFs to report in Ewarn | Reported HFs in week 52 | Completeness (%) |
|--------------|------------------------------------|-------------------------|------------------|
| Banadir      | 52                                 | 51                      | 98               |
| Galmudug     | 38                                 | 36                      | 95               |
| Hirshabelle  | 40                                 | 40                      | 100              |
| Southwest    | 62                                 | 55                      | 89               |
| Jubaland     | 44                                 | 34                      | 77               |
| Somaliland   | 107                                | 102                     | 95               |
| Puntland     | 118                                | 87                      | 74               |
| <b>Total</b> | <b>461</b>                         | <b>405</b>              | <b>88</b>        |



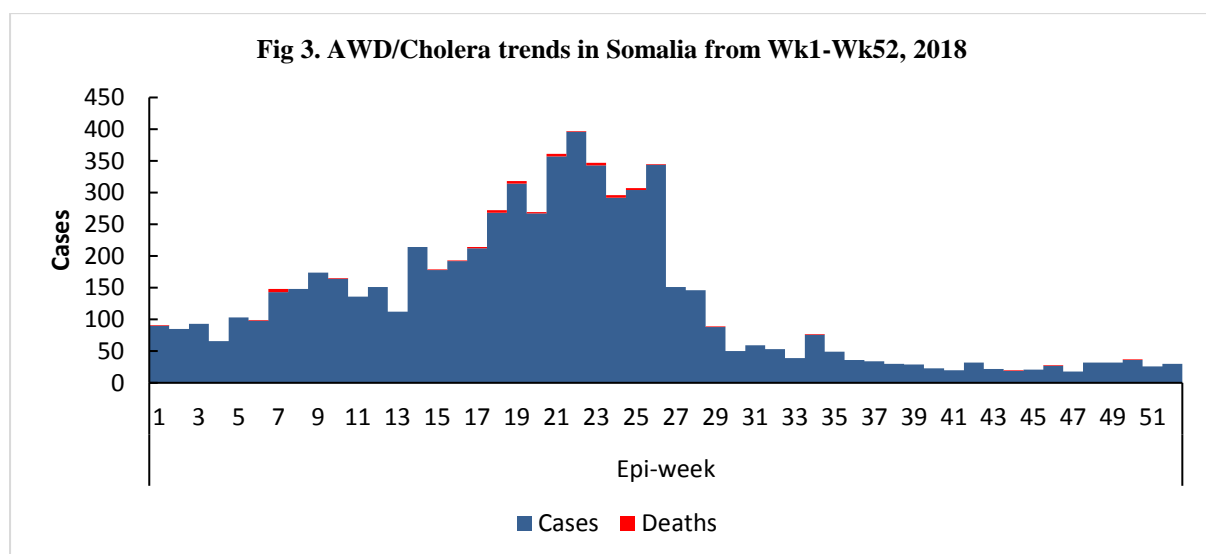
## Proportional morbidity

The commonest causes of morbidity among all age groups in week 52 are respiratory tract infections (Severe Acute Respiratory illness (SARI), Influenza like illness (ILI)). Other commonest causes of morbidity include acute watery diarrhea (AWD), Bloody diarrhea (BD) and other acute diarrhea. (fig 2a,2b and table 2).



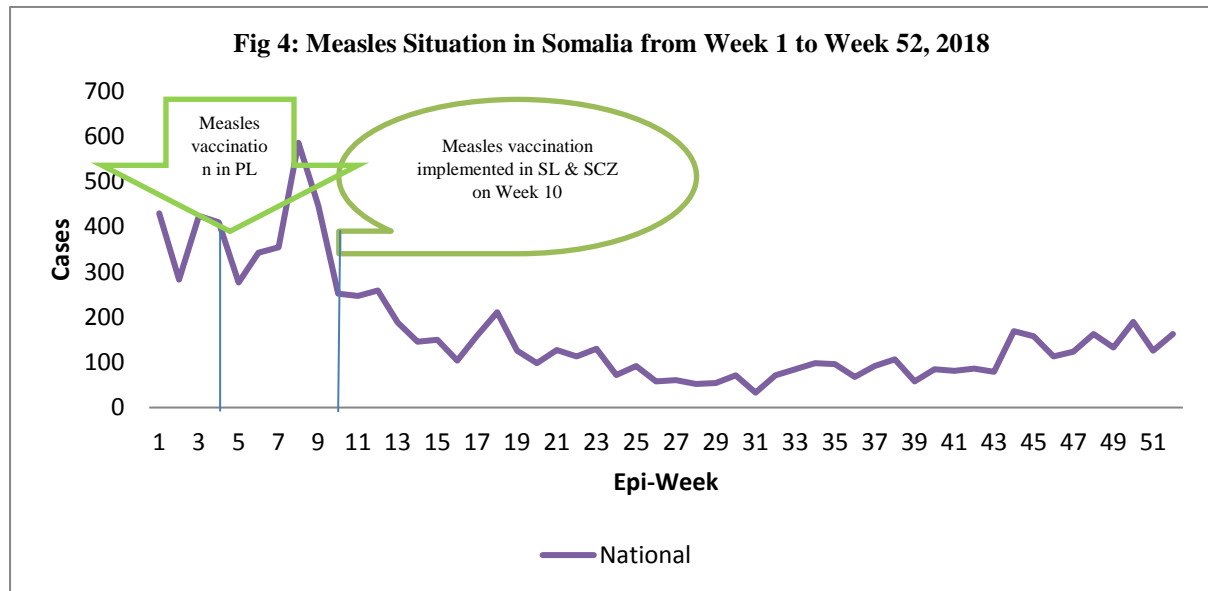
## Acute Watery Diarrhoea/Cholera updates

- There has been a gradual decline in the number of AWD/Cholera cases in Somalia in 2017 (fig 3). Only 30 new cases of AWD/Cholera with no death have been reported in 8 districts of Banadir region
- All the suspected cases of Cholera did not receive Oral cholera vaccine (OCV).
- AWD/Cholera has been controlled in Hiraan, Kismayo (lower Jubba), Lower shabelle and Middle Shabelle regions
- The cumulative number of AWD/Cholera cases since December 2017 are 6,761 including 46 deaths (CFR 0.7%).



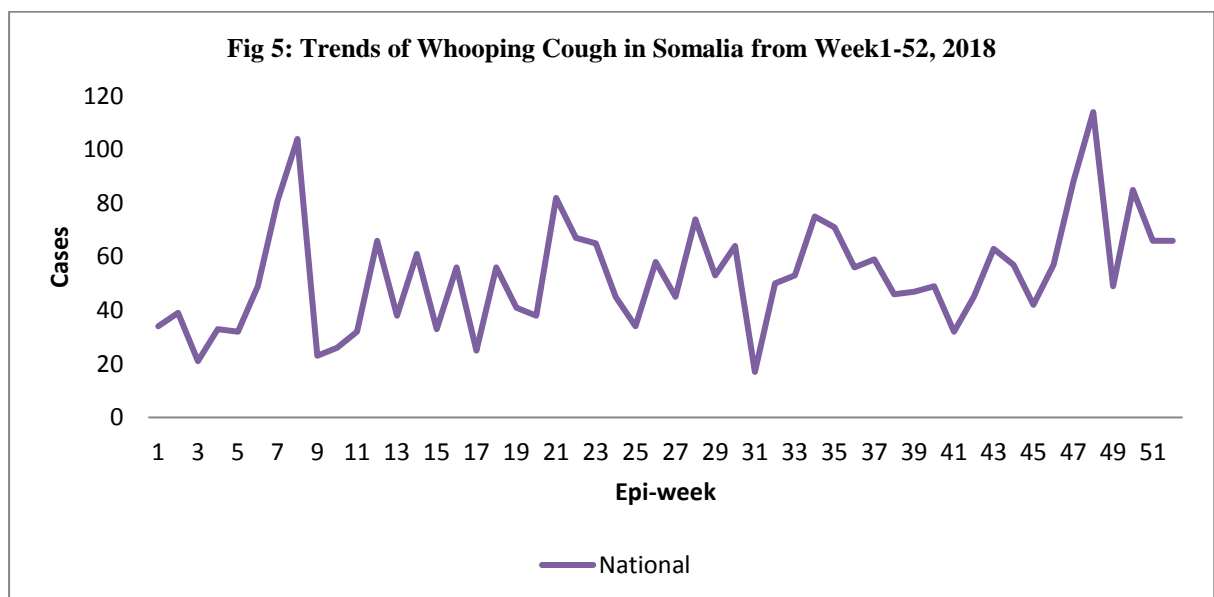
## Measles updates

- There has been a reduction in the number of measles cases reported following the implementation of measles campaign in 2017
- The number of suspected cases of measles increased from 126 in week 51 to 163 cases in week 52 (fig 4)
- The most affected districts include Baidoa, Barawe, Beletweyn, Berdale, Galdogob, Galkacyo, Heliwa & Qoryoley
- Cumulatively, 8,704 cases of suspected measles have been reported since January 2018



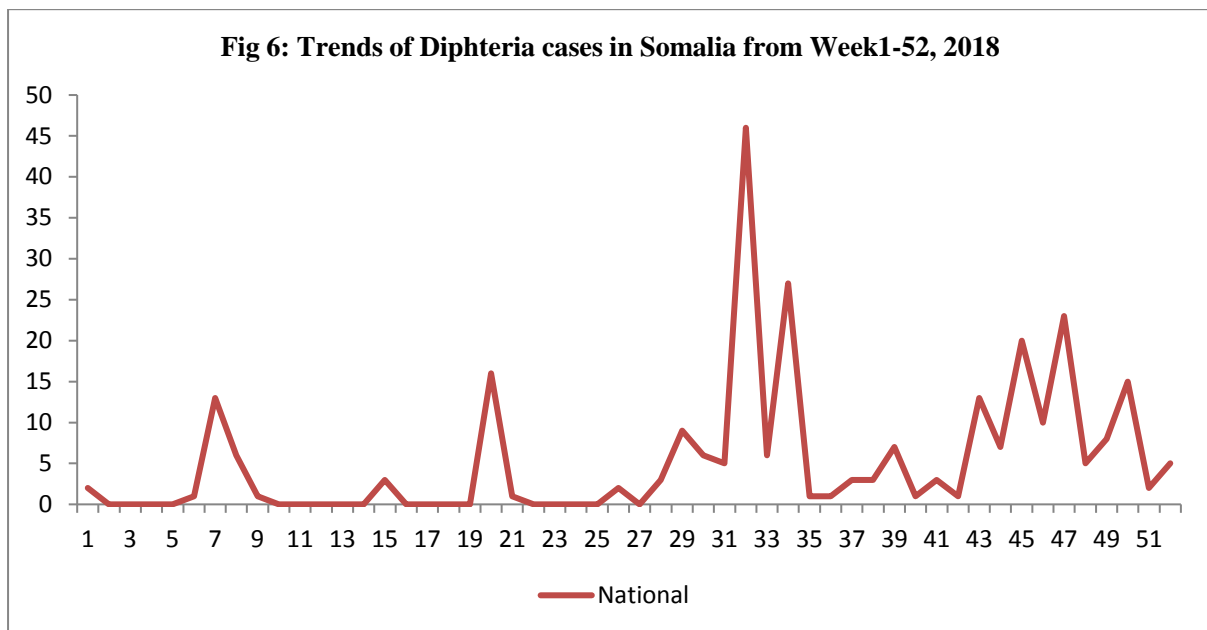
## Whooping cough (Perusis) update

- The number of suspected cases of whooping cough remained the same in week 52, a total of 66 cases reported, the same cases were reported in week 52(fig 5).
- Most affected districts include Baidoa, Berdale, Burhakaba, Hobyso & Hargeisa.
- A total of 2,762 cases have been reported across Somalia since January 2018



## Diphtheria

- The number of Diphtheria cases increased sharply from 2 cases in week 51 to 5 cases in week 52(fig 6).
- The affected districts include Xalin district of Sool region and Bosaso district of Bari region
- A total of 275 cases have been reported across Somalia since January 2018



## Public Health activities implemented during week 52

- Verification of cause Suspected diphtheria is underway in Puntland

| Table. Distribution of cases per age category in states |     |         |        |          |          |             |             |            |         |
|---|-----|---------|--------|----------|----------|-------------|-------------|------------|---------|
| Syndrome  | Age | Banadir | SWS    | Galmudug | Jubaland | Hirshabelle | Puntland    | Somaliland | Total   |
| AWD <sup>1</sup>  | <5  | 66      | 24     | 3        | 12       | 0           | 10          | 0          | 115     |
|   | ≥5  | 18      | 11     | 0        | 3        | 0           | 0           | 0          | 32      |
| ILI   | <5  | 419     | 256    | 32       | 295      | 328         | 798         | 758        | 2,886   |
|   | ≥5  | 192     | 239    | 11       | 155      | 224         | 642         | 547        | 2,010   |
| SARI  | <5  | 401     | 257    | 101      | 150      | 212         | 31          | 111        | 1,263   |
|   | ≥5  | 141     | 115    | 75       | 108      | 117         | 31          | 81         | 668     |
| AFP <sup>2</sup>  | <5  | 0       | 0      | 0        | 0        | 0           | 0           | 0          | 0       |
|   | ≥5  | 0       | 0      | 0        | 0        | 0           | 0           | 0          | 0       |
| AJS   | <5  | 0       | 0      | 0        | 0        | 0           | 1           | 0          | 1       |
|   | ≥5  | 0       | 1      | 0        | 0        | 0           | 0           | 2          | 3       |
| Suspected measles                                       | <5  | 49      | 34     | 10       | 15       | 12          | 11          | 3          | 134     |
|   | ≥5  | 8       | 8      | 6        | 2        | 0           | 2           | 3          | 29      |
| Suspected Meningitis                                    | <5  | 0       | 0      | 1        | 0        | 0           | 0           | 0          | 1       |
|   | ≥5  | 0       | 0      | 0        | 0        | 0           | 0           | 0          | 0       |
| Bloody diarrhea   | <5  | 8       | 27     | 0        | 15       | 11          | 9           | 15         | 85      |
|   | ≥5  | 1       | 19     | 0        | 18       | 1           | 8           | 50         | 97      |
| Whooping Cough  | <5  | 2       | 21     | 2        | 11       | 4           | 7           | 5          | 52      |
|   | ≥5  | 3       | 2      | 3        | 1        | 2           | 3           | 0          | 14      |
| Diphtheria  | <5  | 0       | 0      | 0        | 0        | 0           | 4           | 0          | 4       |
|   | ≥5  | 0       | 0      | 0        | 0        | 0           | 1           | 0          | 1       |
| (OAD)   | <5  | 778     | 594    | 224      | 286      | 470         | 589         | 643        | 3,584   |
|   | ≥5  | 60      | 253    | 85       | 43       | 215         | 226         | 357        | 1,239   |
| Other events  | <5  | 0       | 0      | 0        | 0        | 0           | 0           | 0          | 0       |
|   | ≥5  | 0       | 0      | 0        | 0        | 0           | 0           | 0          | 0       |
| Total consultations                                     |     | 23,518  | 18,266 | 9,366    | 7,419    | 13,267      | 16,796      | 15,085     | 103,717 |
| Total alerts  |     | 10,386  |        |          |          |             | True alerts |            | 119     |

SARI-Severe Acute respiratory Illness, ILI-Influenza Like Illness, AWD-Acute Watery Diarrhoea, BD-Bloody Diarrhoea, Diph- Diphtheria, WC-Whooping cough, Meas-Fever With Rash/Measles, NNT-Neonatal Tetanus, AJS-Acute Jaundice Syndrome, VHF-Viral Haemorrhagic Fever, Mal-Confirmed Malaria, Men-Bacterial Meningitis

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<sup>1</sup> Of the 147 AWD cases reported in all states, only 30 cases from Banadir hospital were confirmed for cholera

<sup>2</sup> FP cases were reported from EWARN sites only