



Early Warning Alert and Response Network  
Weekly Epidemiological bulletin  
*Epi week 4 (21<sup>st</sup> Jan – 27<sup>th</sup> Jan 2019)*

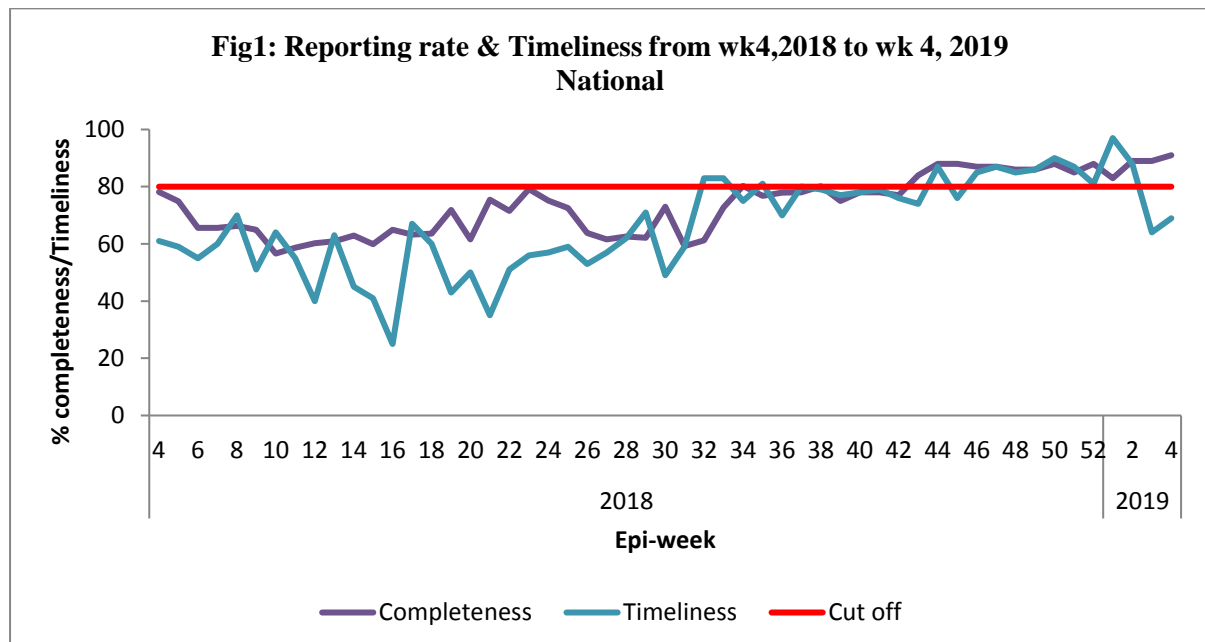
**Highlights**

- A total of 412 (91%) health facilities across Somalia submitted weekly report in week 4,
- A total of 10,243 alerts of which 42 were confirmed as true were received in week 4.

**Completeness of reporting**

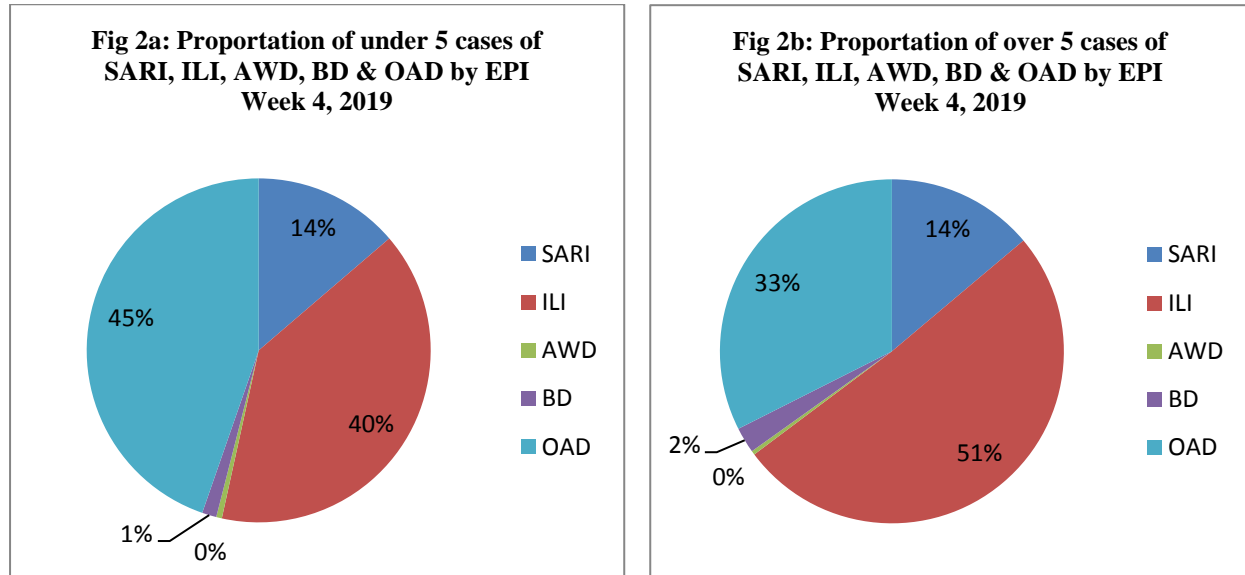
- A total of 412 (91%) of 452 active health facilities in EWARN submitted reports while the timeliness of reporting was 69% (Table 1 and Fig 1)

| States       | # of Active HFs to report in Ewarn | Reported HFs in week 4 | Completeness (%) |
|--------------|------------------------------------|------------------------|------------------|
| Banadir      | 52                                 | 46                     | 88               |
| Galmudug     | 38                                 | 36                     | 95               |
| Hirshabelle  | 38                                 | 38                     | 100              |
| Southwest    | 60                                 | 52                     | 87               |
| Jubaland     | 42                                 | 35                     | 83               |
| Somaliland   | 108                                | 102                    | 94               |
| Puntland     | 114                                | 103                    | 90               |
| <b>Total</b> | <b>452</b>                         | <b>412</b>             | <b>91</b>        |



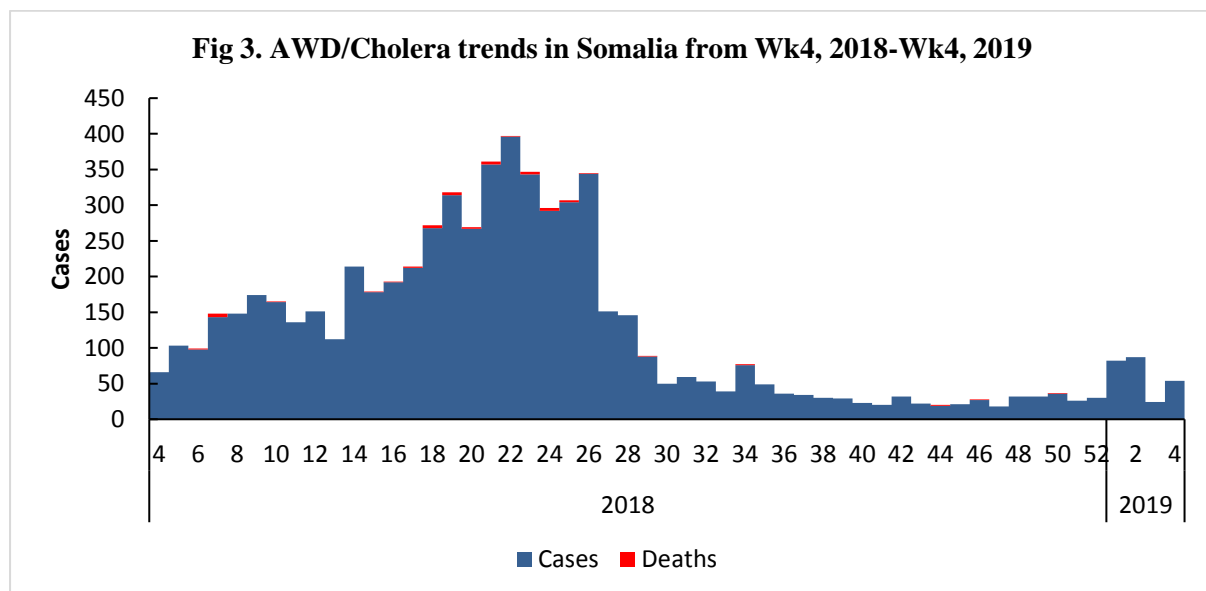
## Proportional morbidity

The commonest causes of morbidity among all age groups in week 4, 2019 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

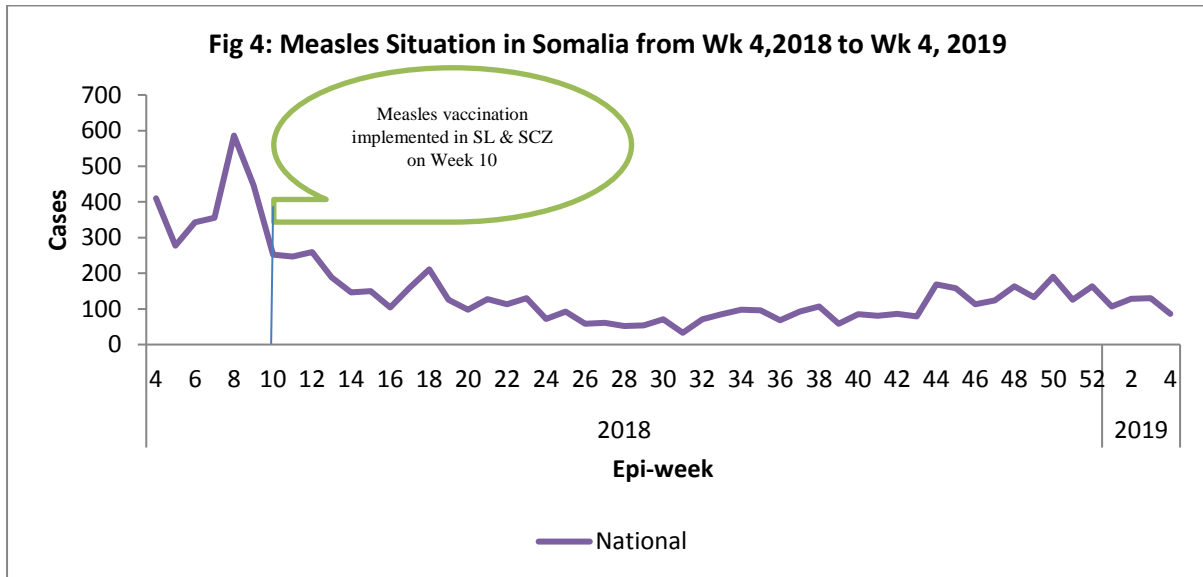
- A total of 54<sup>1</sup> new cases of AWD/Cholera with no death have been reported in sentinel sites across Somalia including Somaliland.
- AWD/Cholera has been controlled in Hiraan, Kismayo (lower Jubba), Lower shabelle and Middle Shabelle regions:



<sup>1</sup> AWD cases submitted from sentinel sites in all states across Somalia to EWARDN

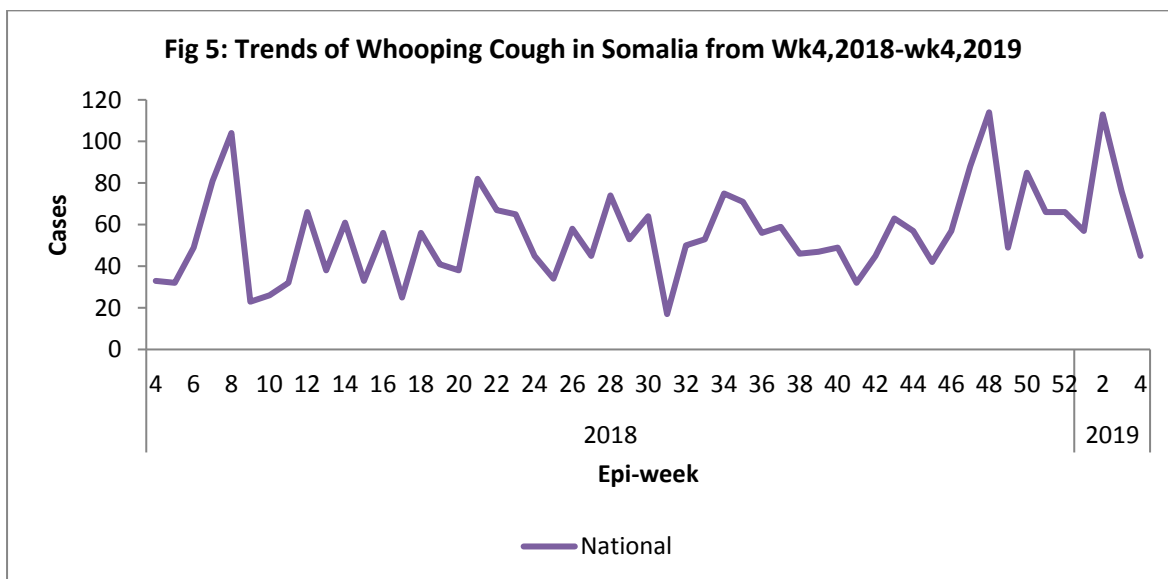
## Measles updates

- 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 decreased from 130 in week 3, to 86 cases in week 4, 2019 (fig 4)
- The most affected districts include; Dharkenley, Heliwa & Marka



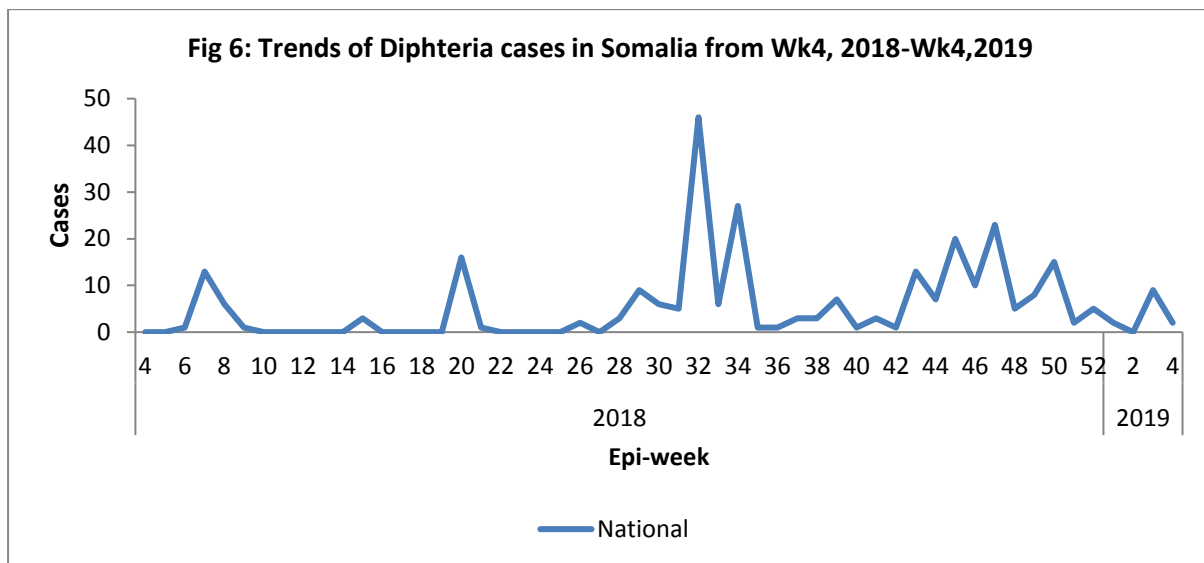
## Whooping cough (Perusis) update

- The number of suspected cases of whooping cough decreased sharply from 76 cases in week 3, to 45 cases in week 4, 2019.(fig 5).
- Most affected districts include Berdale, Burhakaba & Dhusamareb.



## Diphtheria

- There have been Diphtheria cases reported in week 4, 2019
- The number of Diphtheria cases decreased sharply from 9 cases in week 3, to 2 cases in week 4, 2019(fig 6).
- The most affected districts include: Bosaso & Badhan.



## Public Health activities implemented during week 4, 2019

- Planning for the implementation of Oral Cholera Vaccination (OCV) is under way
- Planning for the development of cholera strategy was started in Mogadishu

**Table. Distribution of cases per age category in states**

| Syndrome             | Age | Banadir | SWS    | Galmudug | Jubaland | Hirshabelle | Puntland    | Somaliland | Total   |
|----------------------|-----|---------|--------|----------|----------|-------------|-------------|------------|---------|
| AWD <sup>2</sup>     | <5  | 6       | 14     | 0        | 15       | 1           | 3           | 0          | 39      |
|                      | ≥5  | 0       | 6      | 0        | 6        | 0           | 3           | 0          | 15      |
| ILI                  | <5  | 349     | 294    | 28       | 251      | 331         | 981         | 696        | 2,930   |
|                      | ≥5  | 153     | 231    | 24       | 153      | 222         | 650         | 620        | 2,053   |
| SARI                 | <5  | 272     | 136    | 111      | 157      | 174         | 43          | 119        | 1,012   |
|                      | ≥5  | 122     | 51     | 92       | 75       | 88          | 27          | 104        | 559     |
| AFP <sup>3</sup>     | <5  | 0       | 0      | 0        | 0        | 0           | 0           | 0          | 0       |
|                      | ≥5  | 0       | 0      | 0        | 0        | 0           | 0           | 0          | 0       |
| AJS                  | <5  | 0       | 1      | 0        | 0        | 0           | 0           | 4          | 5       |
|                      | ≥5  | 0       | 0      | 0        | 0        | 0           | 1           | 3          | 4       |
| Suspected measles    | <5  | 26      | 16     | 3        | 13       | 5           | 7           | 1          | 71      |
|                      | ≥5  | 2       | 7      | 1        | 0        | 1           | 2           | 2          | 15      |
| Suspected Meningitis | <5  | 0       | 5      | 0        | 0        | 0           | 0           | 1          | 6       |
|                      | ≥5  | 0       | 0      | 1        | 0        | 0           | 0           | 2          | 3       |
| Bloody diarrhea      | <5  | 9       | 39     | 0        | 20       | 6           | 7           | 19         | 100     |
|                      | ≥5  | 10      | 31     | 0        | 6        | 4           | 5           | 42         | 98      |
| Whooping Cough       | <5  | 0       | 9      | 9        | 15       | 2           | 3           | 0          | 38      |
|                      | ≥5  | 1       | 0      | 1        | 4        | 0           | 0           | 1          | 7       |
| Diphtheria           | <5  | 0       | 0      | 0        | 0        | 0           | 2           | 0          | 2       |
|                      | ≥5  | 0       | 0      | 0        | 0        | 0           | 0           | 0          | 0       |
| (OAD)                | <5  | 690     | 545    | 190      | 273      | 407         | 599         | 591        | 3,295   |
|                      | ≥5  | 116     | 300    | 75       | 74       | 164         | 251         | 328        | 1,308   |
| Other events         | <5  | 0       | 0      | 0        | 0        | 0           | 0           | 0          | 0       |
|                      | ≥5  | 0       | 0      | 0        | 0        | 0           | 0           | 0          | 0       |
| Total consultations  |     | 19,927  | 16,545 | 8,380    | 9,111    | 12,566      | 19,770      | 14,653     | 100,952 |
| Total alerts         |     | 10,243  |        |          |          |             | True alerts |            | 42      |

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

For inquires please contact the

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<sup>2</sup> These 54 AWD cases were reported from sentinel sites in all states & None were confirmed for cholera

<sup>3</sup> FP cases were reported from EWARN sites only