



# REFUGEE SURVEILLANCE UPDATE (MABAN AND YIDA)

Epidemiological Week 29

15<sup>th</sup> – 21<sup>st</sup> July 2013

## Highlights

- The proportion of health facilities in Maban that submitted the weekly reports to the state and central level was 20 out of 24 bringing completeness to 83.3%. (*See list of health facilities in Maban and supporting partners on page 2*). All facilities serving the refugees in Maban reported on time in week 29, while those serving the host communities were 12 out of 16 facilities.
- Only one health facility serving Yida refugee camp reported on time this week.
- Malaria was the leading priority disease recorded in the refugee camps (60.2%), followed by Acute watery diarrhea (31.9%), AJS (5.0%), and Acute bloody diarrhea (2.9%).
- One hundred and sixty four (164) suspected Acute Jaundice Syndrome (AJS) cases (or Hepatitis E cases) and 3 related deaths were recorded from Maban and Yida in week 29.
- Four cases were reported from the host community this week.
- Doro reported 52.1% of the cases, followed by Gendrassa 22.1%, Batil 16.0%, and Kaya 9.6%.
- The cumulative AJS cases recorded from Maban refugee camps are 11,425 and 208 related deaths, while Yida has recorded 514 cases and 13 deaths.
- One measles case was reported this week in Gendrassa camp.
- Two cases of meningitis were reported this week from Yida.
- No cases of cholera, or viral haemorrhagic fever were reported this week.

## Reporting Performance

The total number of health facilities in Maban expected to report for *Early Warning and Alert Response Surveillance* (EWARS) system this week is 24. Of these, 16 serve the host community, eight serve refugee camps in Maban, and three serve Yida refugee camp. Three of the four silent health facilities serving the host community are operating but not reporting due to the long distance from Bunj town and lack of communication facilities.

**Table 1: Health facilities serving refugee and host communities in Maban and Yida**

| <b>FACILITY IN MABAN</b>                     | <b>WK23</b> | <b>WK24</b> | <b>WK25</b> | <b>WK26</b> | <b>WK27</b> | <b>WK28</b> | <b>WK29</b> |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <i>Doro camp clinic - MSF-B</i>              | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Kaya camp - MSF-H clinic</i>              | 1           |             | 1           | 1           | 1           | 1           | 1           |
| <i>Batil - GOAL clinic(west &amp; South)</i> | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Batil - MSF-H</i>                         | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Batil - Medair SE Clinic</i>              | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Gendrassa - MSF H</i>                     | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Gendrassa - IMC</i>                       | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Kaya - IMC</i>                            | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Bunj PHCC - Relief International</i>      | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Bunj Hospital SP - MoH</i>                | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Dangaji PHCU - Relief International</i>   | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Gesm Allah PHCU- Relief International</i> | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Jamam PHCU - GOAL</i>                     | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Genkwata PHCU - MOH</i>                   | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Thuaye PHCU - MOH</i>                     | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>New Guffa PHCU - MOH</i>                  | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Khor Tumbak PHCU - MOH</i>                |             |             |             |             |             |             |             |
| <i>Puomky PHCU - Relief International</i>    |             |             |             |             |             |             |             |
| <i>Doro PHCU - SIM</i>                       | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Liang PHCU - Relief International</i>     | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Nila PHCU - Relief International</i>      | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Sheta PHCU - Relief International</i>     | 1           | 1           | 1           | 1           | 1           | 1           | 1           |
| <i>Baugaya PHCU - GOAL</i>                   |             |             |             |             |             |             |             |
| <i>Thonkayo</i>                              | 1           |             |             |             |             |             |             |
| <b>Total Facilities Reporting</b>            | <b>21</b>   | <b>19</b>   | <b>20</b>   | <b>20</b>   | <b>20</b>   | <b>20</b>   | <b>20</b>   |
|  |             |             |             |             |             |             |             |
| <b>FACILITIES IN YIDA</b>                    | <b>WK23</b> | <b>WK24</b> | <b>WK25</b> | <b>WK26</b> | <b>WK27</b> | <b>WK28</b> | <b>WK29</b> |
| <i>Wang Kuat PHCC - Care International</i>   | 1           | 1           | 1           |             | 1           | 1           |             |
| <i>Yida PHCC - Care International</i>        | 1           | 1           | 1           |             | 1           | 1           |             |
| <i>MSF-France Clinic</i>                     | 1           | 1           | 1           |             | 1           | 1           | 1           |
| <b>Total Facilities Reporting</b>            | <b>3</b>    | <b>3</b>    | <b>3</b>    | <b>0</b>    | <b>3</b>    | <b>3</b>    | <b>1</b>    |

## Epidemic Prone Disease Reported

### Acute Watery Diarrhea (AWD)

A total of 1025 AWD cases were reported in Maban and Yida refugee camps during this reporting week with no related deaths. AWD accounted for 31.9% of the priority diseases reported this week. Proportion of cases below five years was at 64.4% of all reported AWD cases in all the camps. It was almost the same proportion like that of the previous week.

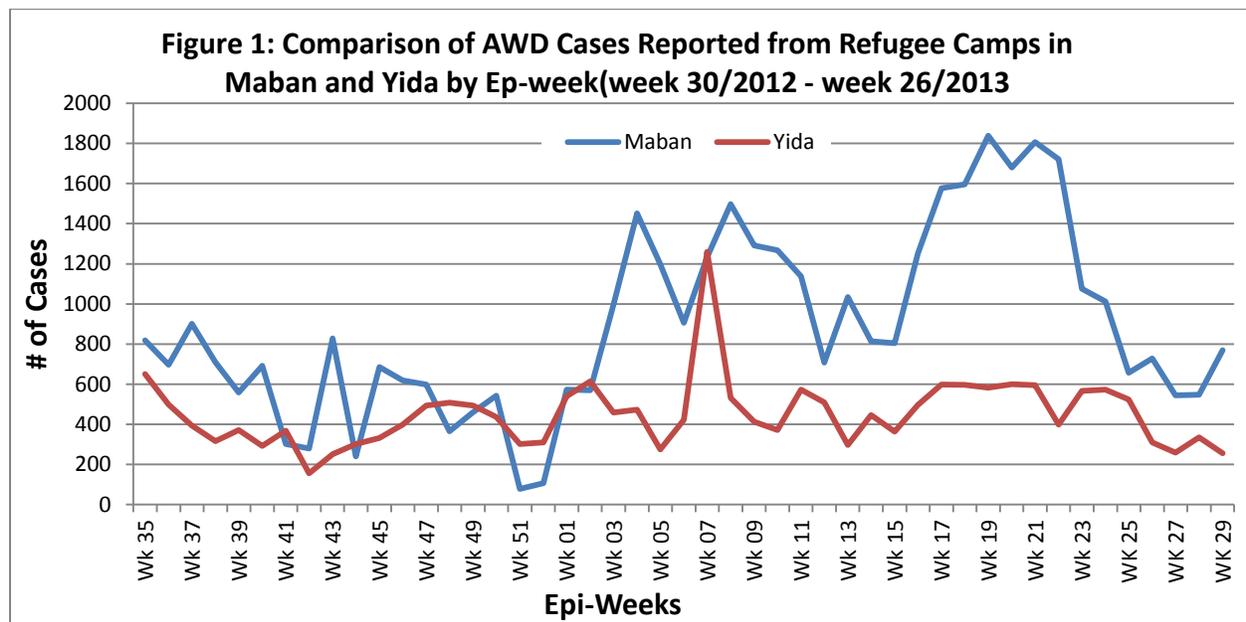


Figure 1 shows a comparison of AWD cases reported by Epi-week in year 2012 -2013 from facilities serving the Refugees in Maban and Yida. The incidence rate of AWD in the camps of Maban increased but decreased in Yida in week 29. The cases among the Host community in Maban decreased to 175 from 181 the previous week with no related deaths.

### Dysentery (ABD)

A total of 94 cases of ABD with no related deaths were reported in week 29 from the refugee camps in Maban and Yida. This week recorded more cases compared to the previous week (82). Proportion of cases in children below five years decreased to 42.6 from 52.4% the previous week. In the previous weeks samples were taken for testing and a few were positive of shigella.

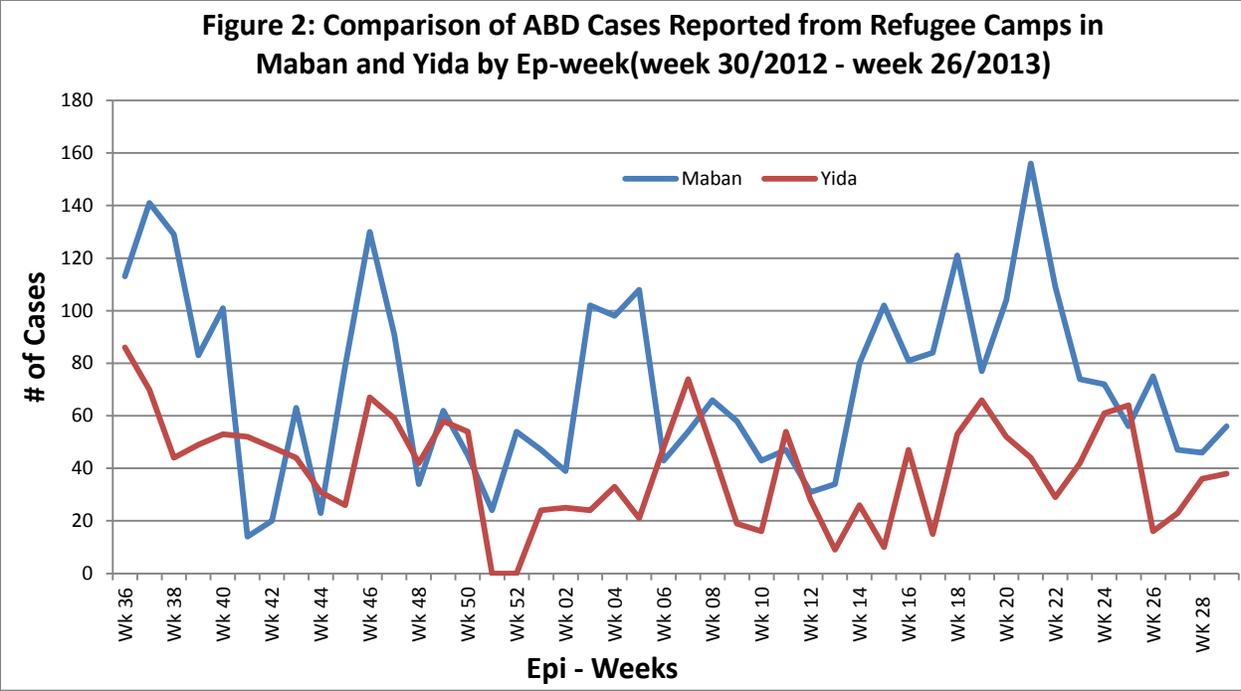
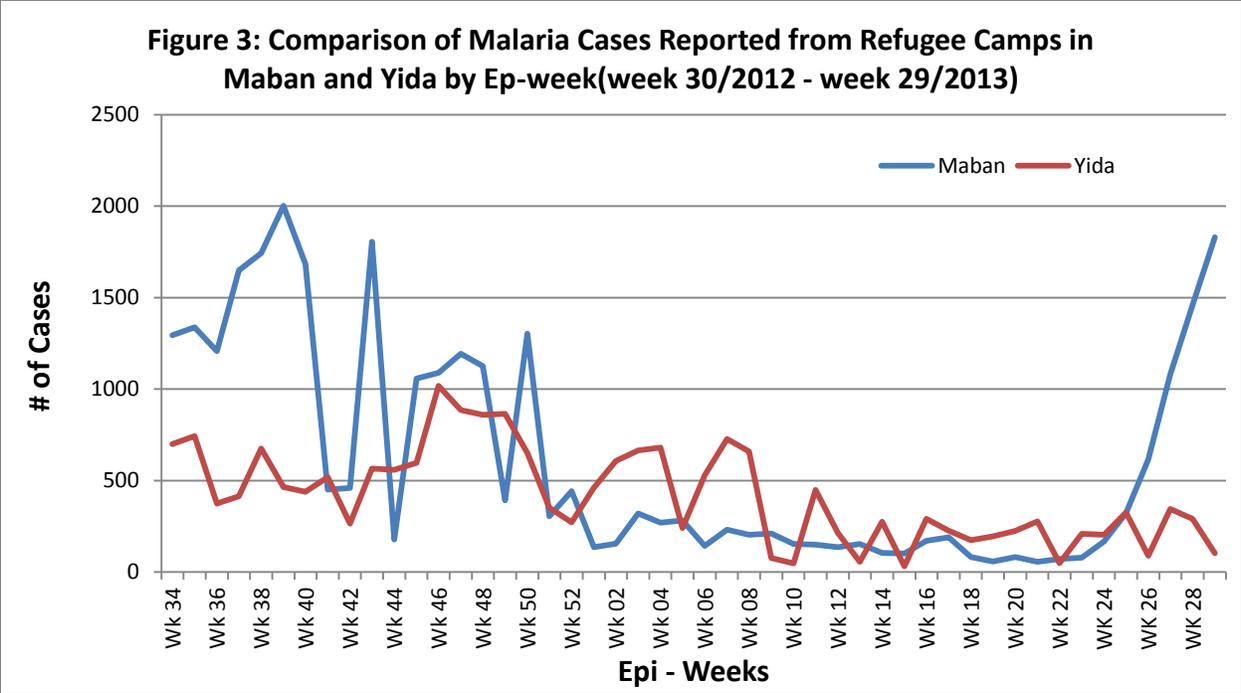


Figure 2 above shows a comparison of ABD cases reported by Epi-week and year 2012 – 2013 in Maban and Yida camps. The ABD incidence reported from Yida increased this week. The ABD incidence among the host community in Maban increased to 108 from 82 cases in the previous week.

**Malaria**

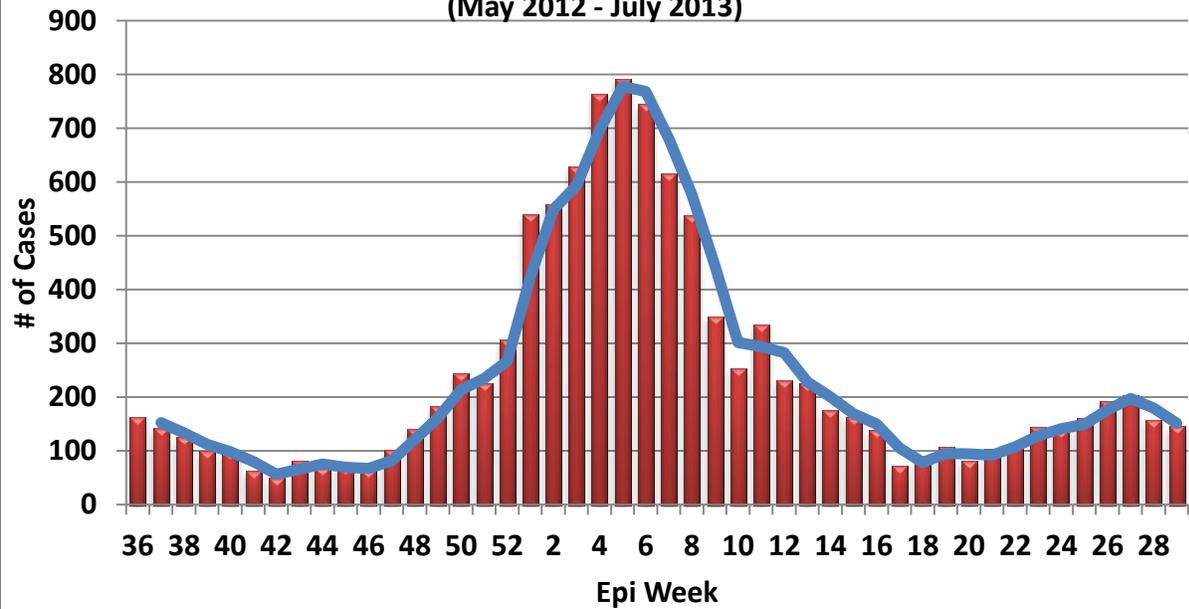
Malaria incidence in Maban refugee camps this week decreased 1025 from 1170 cases in the previous week with one related death in Doro camp. The incidence reduced in Yida this week. Out of all the cases, 17.2% were reported in children below five years of age in both Maban and Yida. In Maban County, 878 cases of malaria with no related deaths were reported from facilities serving the host community. Malaria cases in the host community increased this week compared to those recorded in the previous week (457). The under 5 years old in the host community had a higher incidence of malaria (39.4%) than those in the refugee camps (16.9%). The incidence of malaria among children has for a long time been higher in the host community than in the refugee camps in Maban. On a good note for several weeks, cases of malaria among both refugee and host communities are fewer in children below five years of age than those above.



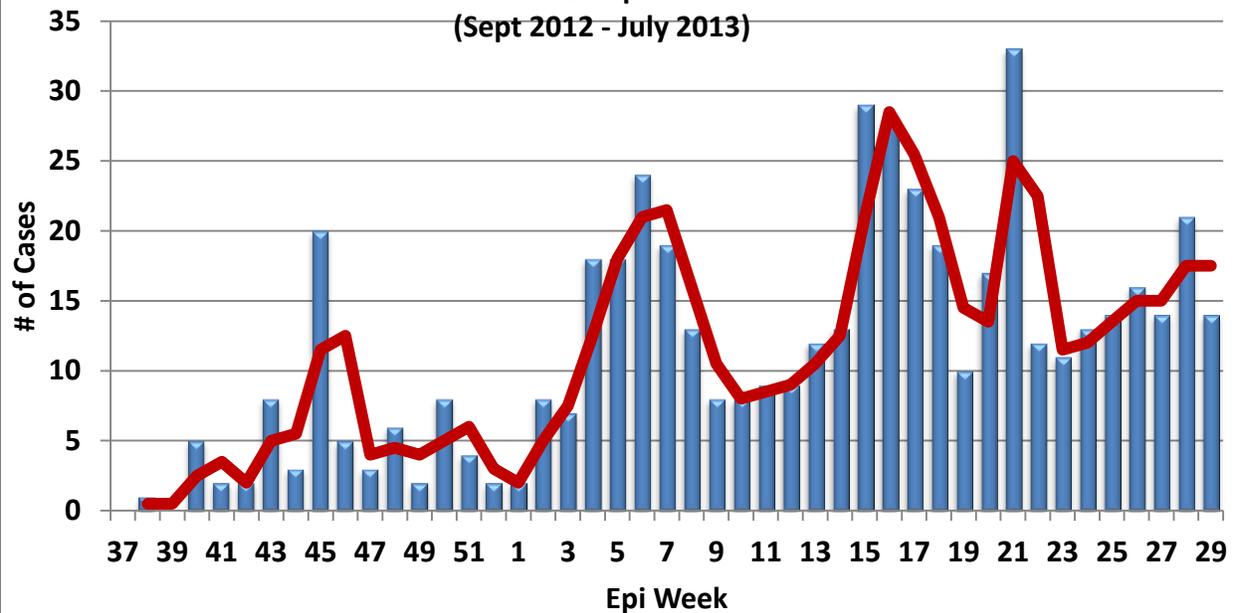
**Acute Jaundice Syndrome (AJS)**

A total of one hundred and sixty four (164) suspected Acute Jaundice Syndrome cases (or Hepatitis E cases) and three related deaths were recorded from Maban and Yida in week 29. (Figures 4 and 5 show AJS Epi-Curve in Maban and Yida). Four cases were reported from the host community this week. As shown in figure 4 and 5, cumulative AJS cases and related deaths recorded from Maban and Yida refugee camps were 11,443 and 208, and 514 and 13 respectively since the outbreak till week 29. New cases recorded in Maban refugee camps continued to present an irregular pattern for several weeks in a row. Compared to previous weeks, AJS/HEV cases from Batil have reduced remarkably since mid-February. Gendrassa and Doro are still reporting high numbers of AJS/HEV cases compared to the previous months. This week, cases from Doro remained high again. More emphasis this week was again directed to improving hygiene and sanitation at house hold level and creating more awareness in the community. WASH crude indicators are good according to sphere and UNHCR standards. Hep E awareness is being stepped up in the community through schools, places of worship, women and youth groups, and social events. The pattern of the epidemic is unpredictable as upsurges and declines are irregular.

**Figure 4: Epi-Curve of Acute Jaundice Syndrome cases in the Refugee camps in Maban County (May 2012 - July 2013)**



**Figure 5: Epi-Curve of Acute Jaundice Syndrome cases in Yida Refugee Camp (Sept 2012 - July 2013)**



**Measles:** One case of suspected measles was reported this week from Gendrassa.

**Meningitis:** Two meningitis cases were reported in Yida this week.

**Other Diseases:** No Cholera, Viral Hemorrhagic fever or Influenza like illness was reported during this week.

**Table 2: Summary of Priority Diseases in Maban week 29**

| Camps             | Doro |   | Batil |     | Gendrassa |     | kaya |    | Maban TOTAL |      | Yida |     | Yida TOTAL |     | Host Community |     |   |
|-------------------|------|---|-------|-----|-----------|-----|------|----|-------------|------|------|-----|------------|-----|----------------|-----|---|
|                   | C    | D | C     | D   | C         | D   | C    | D  | C           | D    | C    | D   | C          | D   | C              | D   |   |
| Cases/ Death      |      |   |       |     |           |     |      |    |             |      |      |     |            |     |                |     |   |
| Suspected Cholera | 0    | 0 | 0     | 0   | 0         | 0   | 0    | 0  | 0           | 0    | 0    | 0   | 0          | 0   | 0              | 0   |   |
| AWD               | 283  | 0 | 304   | 0   | 77        | 0   | 106  | 0  | 770         | 0    | 255  | 1   | 255        | 1   | 175            | 0   |   |
| BD                | 29   | 0 | 14    | 0   | 6         | 0   | 7    | 0  | 56          | 0    | 38   | 0   | 38         | 0   | 108            | 0   |   |
| Meningitis        | 0    | 0 | 0     | 0   | 0         | 0   | 0    | 0  | 0           | 0    | 2    | 0   | 2          | 0   | 0              | 0   |   |
| Measles           | 0    | 0 | 0     | 0   | 1         | 0   | 0    | 0  | 1           | 0    | 0    | 0   | 0          | 0   | 0              | 0   |   |
| AFP               | 0    | 0 | 0     | 0   | 0         | 0   | 0    | 0  | 0           | 0    | 0    | 0   | 0          | 0   | 0              | 0   |   |
| AJS               | 76   | 1 | 24    | 1   | 32        | 1   | 14   | 0  | 146         | 3    | 14   | 0   | 14         | 0   | 4              | 0   |   |
| VHF               | 0    | 0 | 0     | 0   | 0         | 0   | 0    | 0  | 0           | 0    | 0    | 0   | 0          | 0   | 0              | 0   |   |
| Malaria           | 124  | 2 | 0     | 297 | 0         | 253 | 0    | 38 | 0           | 1830 | 0    | 102 | 0          | 102 | 0              | 878 | 0 |
| Neonatal Tetanus  | 0    | 0 | 0     | 0   | 0         | 0   | 0    | 0  | 0           | 0    | 0    | 0   | 0          | 0   | 0              | 0   |   |
| Total             | 1630 | 1 | 639   | 1   | 369       | 1   | 165  | 0  | 2803        | 3    | 411  | 1   | 411        | 1   | 1165           | 0   |   |

**Key :** **AWD** – Acute Watery Diarrhea, **ABD** – Blood Diarrhea/Dysentery, **Men** – Meningitis, **AJS** – Acute Jaundice Syndrome, **AFP** – Acute Flaccid Paralysis/Polio, **NT** - Neonatal Tetanus, **0** -Zero Report, **C** – Cases, **D** - Deaths, **Timely reports** - Reports received before Wednesday 10:00am, **Completeness** - Proportion of health facilities reporting in a county/state, **Timeliness** - Proportion of county in a state reporting on time. **HFs**- Health Facilities, **EPI-Expanded program for immunization**

**For comments or questions, please contact:** Surveillance Department, MoH-RSS, Tel: 0955551147; 0922186571;  
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