



# REFUGEE SURVEILLANCE UPDATE (MABAN AND YIDA)

Epidemiological Week 25

17<sup>th</sup> – 23<sup>rd</sup> June 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 25, while those serving the host communities were 12 out of 16 facilities.
- All the three health facilities serving Yida refugee camp reported on time this week.
- Acute watery diarrhea was the leading priority disease recorded in the refugee camps (55.6%), followed by Malaria (30.5%), AJS (8.2%), and Acute bloody diarrhea (5.7%).
- One hundred and sixty one (161) suspected Acute Jaundice Syndrome (AJS) cases (or Hepatitis E cases) and 4 related deaths were recorded from Maban and Yida in week 25. Of the total cases, 161 (92%) were reported from Maban refugee camps, and 14 (8%) from Yida refugee camp. No case was reported from the host community this reporting week.
- Of the cases from Maban, 42.2% of the cases were reported from Gendrassa, followed by Doro 29.2%, Batil 16.2%, and Kaya 12.4%.
- The cumulative AJS cases recorded from Maban refugee camps are 10,730 and 195 related deaths, while 449 AJS cases and 13 related deaths have been recorded in Yida from the beginning of the outbreak till week 25.
- Seven measles cases were reported this week. Six from Gendrassa and one from Kaya.
- Measles mass vaccination in all camps was concluded in the previous week.
- No cases of meningitis, 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>WK19</b>	<b>WK20</b>	<b>WK21</b>	<b>WK22</b>	<b>WK23</b>	<b>WK24</b>	<b>WK25</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
<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>19</b>	<b>19</b>	<b>19</b>	<b>20</b>	<b>21</b>	<b>19</b>	<b>20</b>
<b>FACILITIES IN YIDA</b>	<b>WK19</b>	<b>WK20</b>	<b>WK21</b>	<b>WK22</b>	<b>WK23</b>	<b>WK24</b>	<b>WK25</b>
<i>Wang Kuat PHCC - Care International</i>	1	1	1		1	1	1
<i>Yida PHCC - Care International</i>	1	1	1		1	1	1
<i>MSF-France Clinic</i>	1	1	1	1	1	1	1
<b>Total Facilities Reporting</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>3</b>

## Epidemic Prone Disease Reported

### Acute Watery Diarrhea (AWD)

A total of 1181 AWD cases were reported in Maban and Yida Refugee camps during this reporting week with one related death in Yida. AWD accounted for 55.6% of the priority diseases reported this week. Proportion of cases below five years was at 66.6% of all reported AWD cases in all the camps.

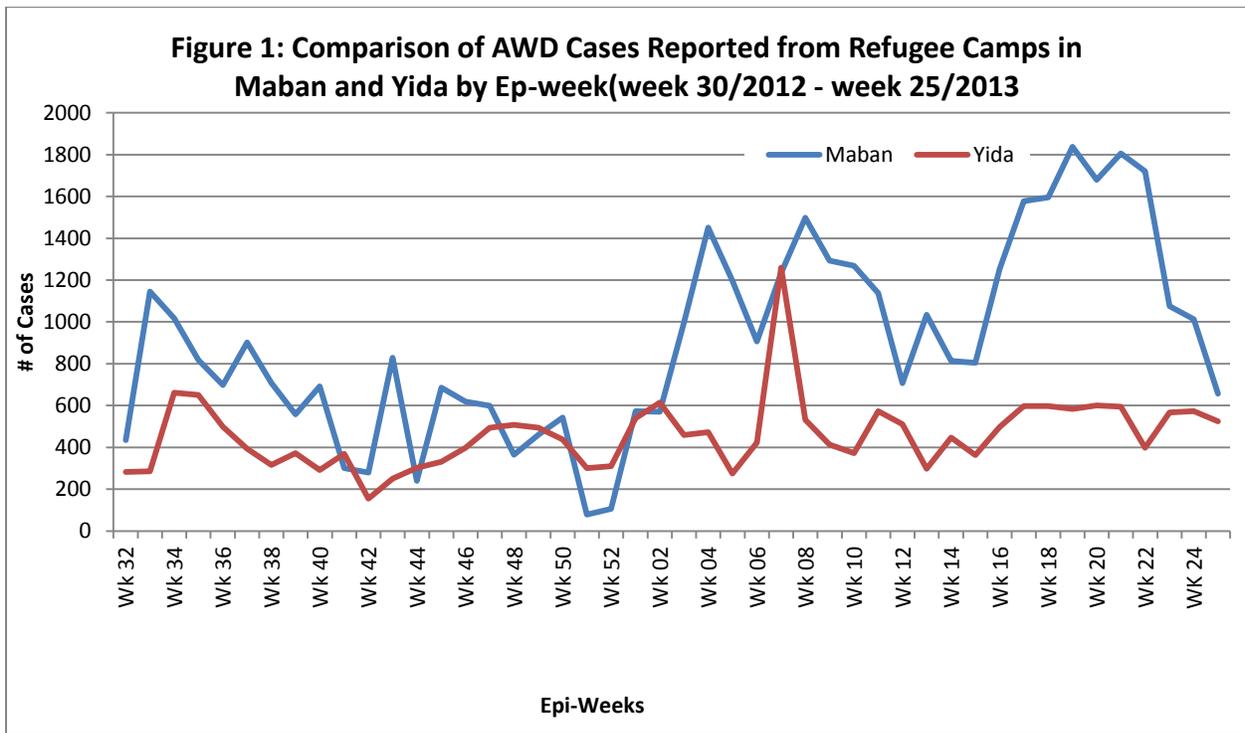


Figure 1 shows a comparison of AWD cases reported by Epi-week in year 2012 -2013 from facilities serving the Refugees in Maban and Yida. The incidence rate of AWD in the camps of Maban decreased in week 25. The cases among the Host community in Maban decreased to 244 from 237 the previous week with no related death.

### Dysentery (ABD)

A total of 120 cases of ABD with no related death were reported in week 25 from the refugee camps. This week recorded fewer cases compared to the previous week (135). Proportion of cases in children below five years decreased to 48.3% from 50.4% the previous week.

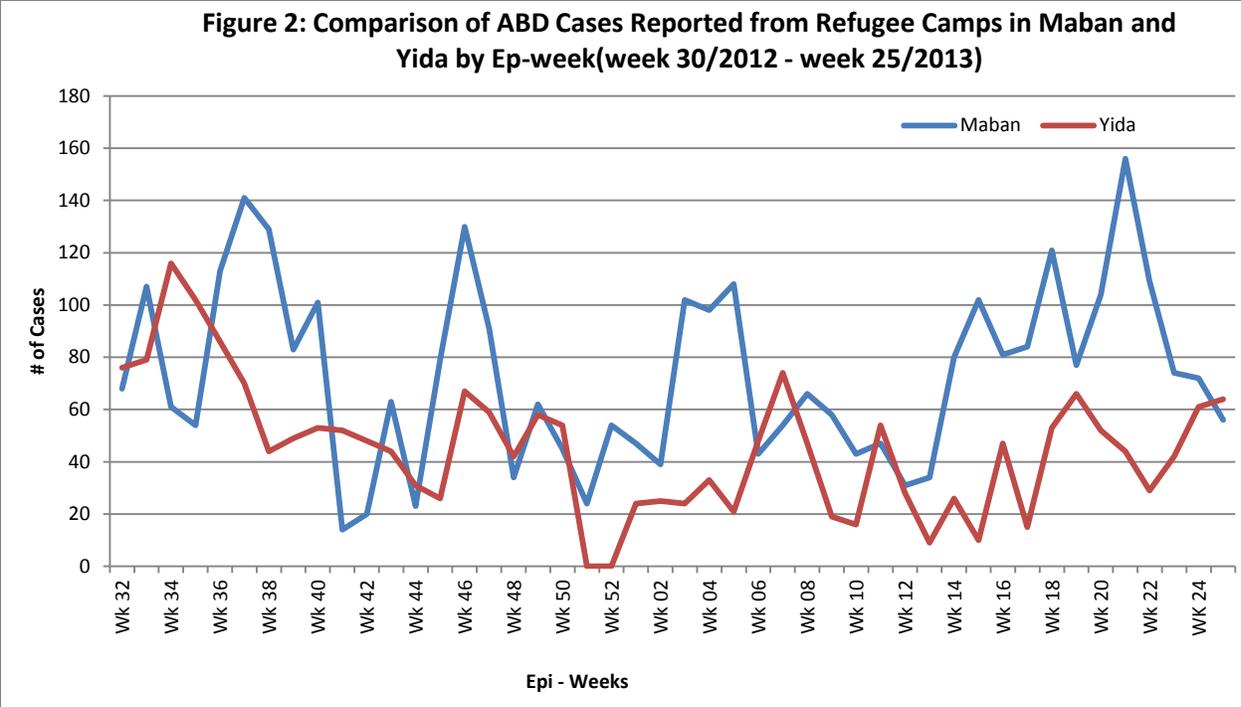
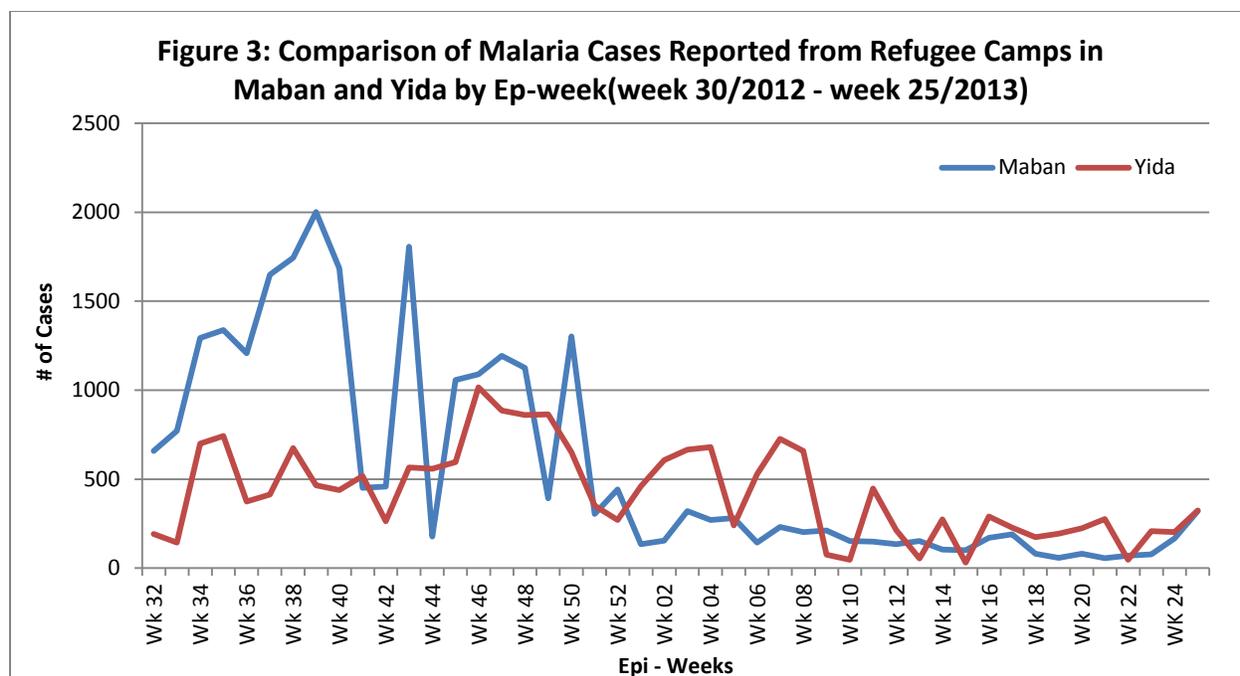


Figure 2 above shows a comparison of ABD cases reported by Epi-week and year 2012 – 2013 in Maban and Yida camps. The ABD trend reported from the refugee camps in Maban decreased this week. The ABD incidence among the host community in Maban increased to 110 from 102 cases in the previous week.

**Malaria**

Malaria incidence this week doubled (646) compared to 370 cases in the previous week with no related death. Out of all the cases, 21.5% were reported in children below five years of age. In Maban County, 665 cases of malaria with no related death were reported from facilities serving the host community. Malaria cases increased this week compared to those recorded in the previous week (547). The under 5 years old in the host community had a higher incidence of malaria (43.3%) than those in the refugee camps (21.5%). The incidence of malaria among children has for a long time been higher in the host community than in the refugee camps in Maban.

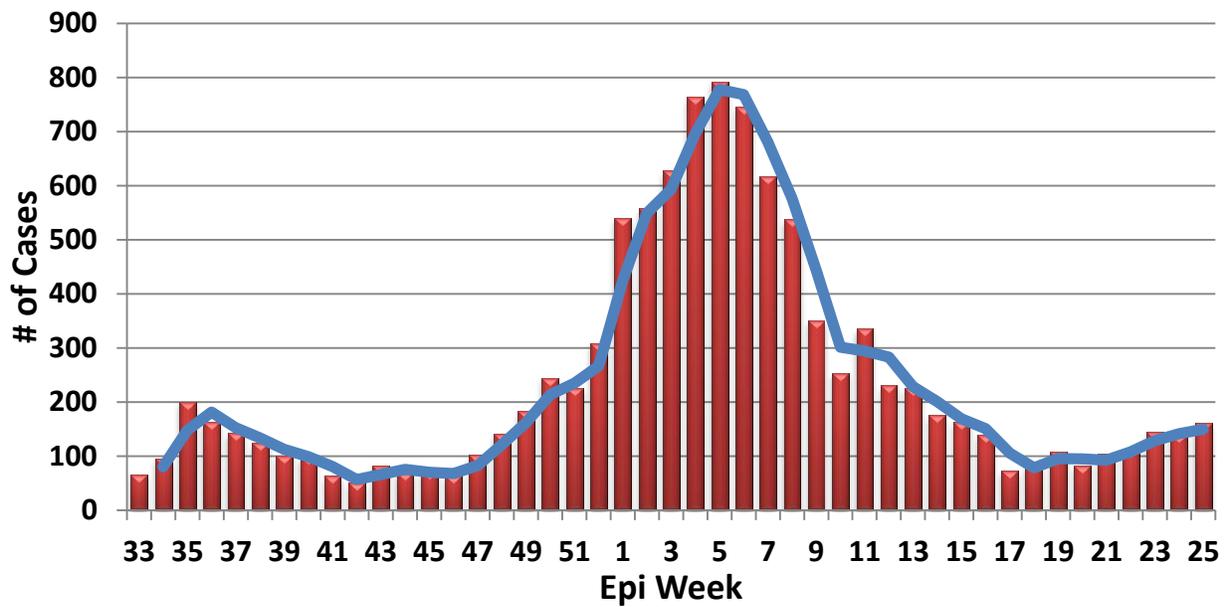
Figure 3 below shows a comparison of the incidence of malaria in Maban and Yida.



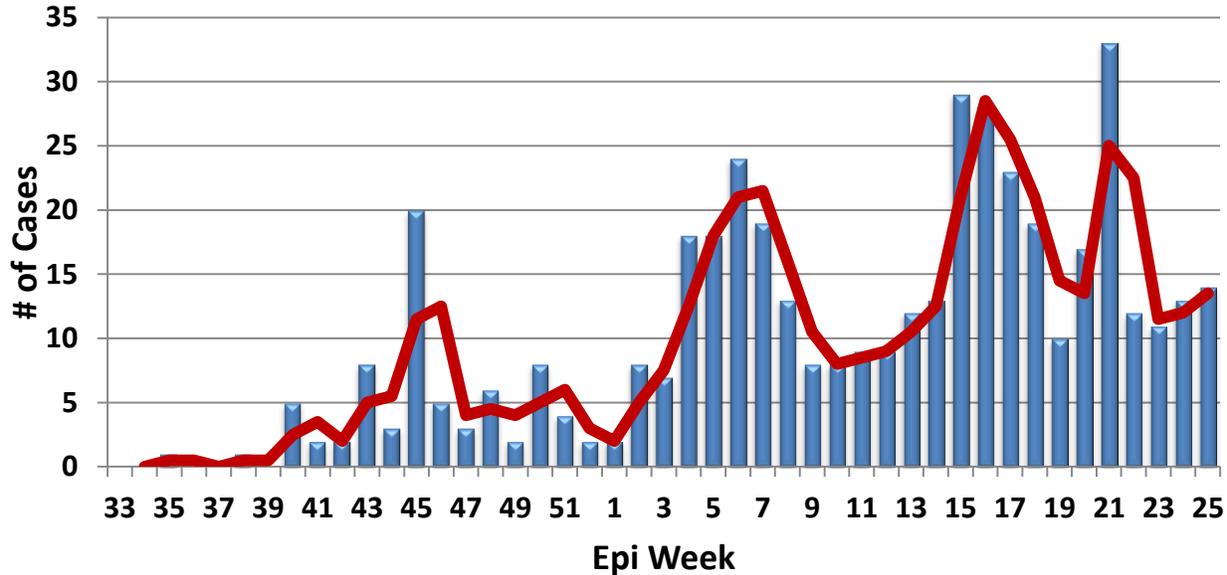
### Acute Jaundice Syndrome (AJS)

A total of one hundred and seventy five (175) suspected Acute Jaundice Syndrome cases (or Hepatitis E cases) and four related deaths were recorded from Maban and Yida in week 25. 92% of new AJS cases were recorded in Maban refugee camps and 8% in Yida refugee camp (*figure 4 and 5 for AJS Epi-Curve in Maban and Yida*). No case was reported from the host community this week. As shown in figures 4 and 5 below, a cumulative AJS cases recorded from Maban refugee camps was 10,730 and 195 related deaths, while 449 AJS cases and 13 related deaths were recorded in Yida from the beginning of the outbreak till week 25. Cases in Yida again remained low this week. 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 Jamam (Now Kaya) are still reporting high numbers of AJS/HEV cases compared to the previous months. This week cases from Doro reduced but still high when compared to previous months. Together with UNHCR, UNICEF, partners, and community leaders, we have held several meetings and toured the camps to assess WASH and hygiene standards. Emphasis is being directed to improving access to safe water, sanitation, and hygiene at house hold level. Hep E awareness has been 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 - June 2013)**



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



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

**Table 2: Summary of Priority Diseases in Maban and Yida Refugee camps week 25**

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
Suspected Cholera	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AWD	258	0	270	0	44	0	85	0	657	0	524	1	524	1	244	0
BD	28	0	5	0	8	0	15	0	56	0	64	0	64	0	110	0
Meningitis	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
Measles	0	0	0	0	6	0	1	0	7	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	47	1	26	1	68	0	20	2	161	4	14	0	14	0	0	0
VHF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malaria	275	0	19	0	4	0	23	0	321	0	325	0	325	0	665	0
Neonatal Tetanus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	608	1	320	1	130	0	145	2	1203	4	927	1	927	1	1019	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

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