



# REFUGEE SURVEILLANCE UPDATE (MABAN AND YIDA)

Epidemiological Week 19

6<sup>th</sup> - 12<sup>th</sup> May 2013

## Highlights

- The proportion of health facilities in Maban that submitted the weekly reports to the state and central level remained 19 bringing completeness to 86.4% (19 out of 22). (*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 19, while reporting from facilities serving the host communities remained 12 out of 15 facilities.
- All the health facilities serving Yida refugee camp reported on time this week.
- Acute watery diarrhea was the leading priority disease recorded in the refugee camps (82.7%), followed by Malaria (8.6%), Acute bloody diarrhea (4.9%), AJS (3.7%), and meningitis (0.1%).
- One hundred and eighteen (118) suspected Acute Jaundice Syndrome (AJS) cases (or Hepatitis E cases) and one related death were recorded from Maban and Yida in week 19. Of the total cases, 107 (90.7%) were reported from Maban refugee camps, 10 (8.5%) from Yida refugee camp, and 1 (0.8%) from the host community.
- Of the cases from Maban, 31.8% of the cases were reported from Gendrassa, followed by Jamam 29.9%, Batil 24.3% and Doro (14%).
- The cumulative AJS cases recorded from Maban refugee camps are 9,990 and 176 related deaths, while 349 AJS cases and 12 related deaths have been recorded in Yida from the beginning of the outbreak till week 19.
- Four meningitis cases with two related deaths were reported this week.
- No measles, cholera, or VHF cases were reported from all the refugee camps and host community.

## Reporting Performance

The total number of health facilities expected to report for *Early Warning and Alert Response Surveillance* (EWARS) system is 22 facilities in Maban and 3 facilities in Yida. Of these seven facilities are serving refugees camps in Maban and three facilities are serving Yida refugee camp. Some of the health facilities serving the host communities have not been operating due to inaccessibility during rainy seasons or lack of health workers. Of late, some of silent ones started operating. Long distance and lack of communication equipment in some areas are sometimes a reason for not reporting on time. Improvement in reporting has been possible due to improved supervision from the county health department and support from partners.

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

FACILITY IN MABAN	WK13	WK14	WK15	WK16	WK17	WK18	WK19
<i>Doro camp clinic MSF-B</i>	1	1	1	1	1	1	1
<i>Jamam 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
<i>Batil Medair SE Clinic</i>	1	1	1	1	1	1	1
<i>Gendrassa MSF H</i>	1	1			1	1	1
<i>Gendrassa 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/GOAL</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
<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 SCiSS-MRDO</i>							
<i>Doro PHCU SIM</i>	1	1	1	1	1	1	1
<i>Liang PHCU SCiSS-MRDO</i>	1	1	1	1	1	1	1
<i>Nila PHCU SCiSS-MRDO</i>	1	1	1	1	1	1	1
<i>Sheta PHCU SCiSS-MRDO</i>	1	1	1	1	1	1	1
<i>Baugaya PHCU GOAL</i>							
<b>Total Facilities Reporting</b>	<b>19</b>	<b>19</b>	<b>15</b>	<b>17</b>	<b>19</b>	<b>19</b>	<b>19</b>

FACILITIES IN YIDA	WK13	WK14	WK15	WK16	WK17	WK18	WK19
<i>Wang Kuat PHCC</i>	1	1		1		0	1
<i>Yida PHCC</i>		1		1		0	1
<i>MSF-France Clinic</i>		1	1	1	1	1	1
<b>Total Facilities Reporting</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>3</b>

## Epidemic Prone Disease Reported

### Acute Watery Diarrhea (AWD)

A total of 2,421 AWD cases were reported in Maban and Yida Refugee camps during this reporting week with no related death. AWD accounted for 82.7% Of priority diseases reported this week. Proportion of cases below five years was at 60.6% of all reported AWD cases in all the camps.

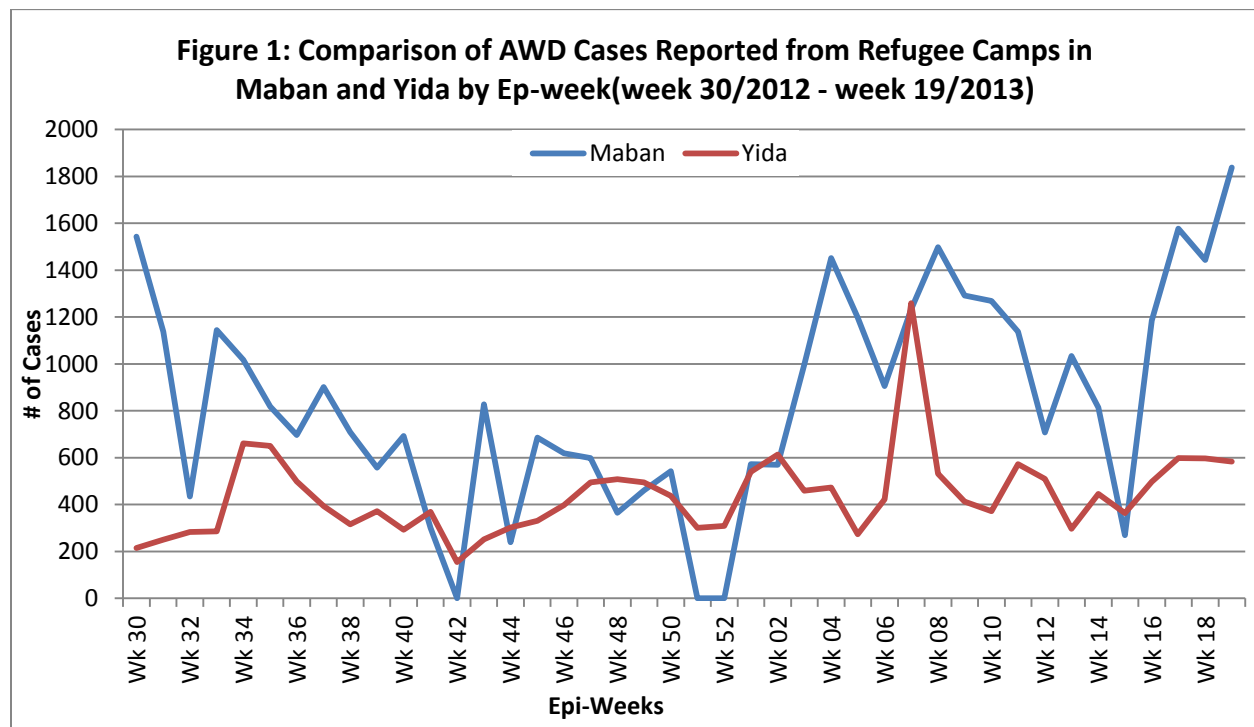


Figure 1 shows a comparison of AWD cases reported by Epi-week in year 2012 -2013 from facilities serving the Refugees in Maban and Yida. The incidence rate of AWD in the camps of Maban increased again in week 19. The cases among the Host community in Maban increased to 307 from 271 in the previous week with no related deaths.

### Dysentery (ABD)

A total of 143 cases of ABD with no related deaths were reported in week 19 from the refugee camps. Proportion of cases in children below five years dropped to 33.6% from 40.6% the previous week.

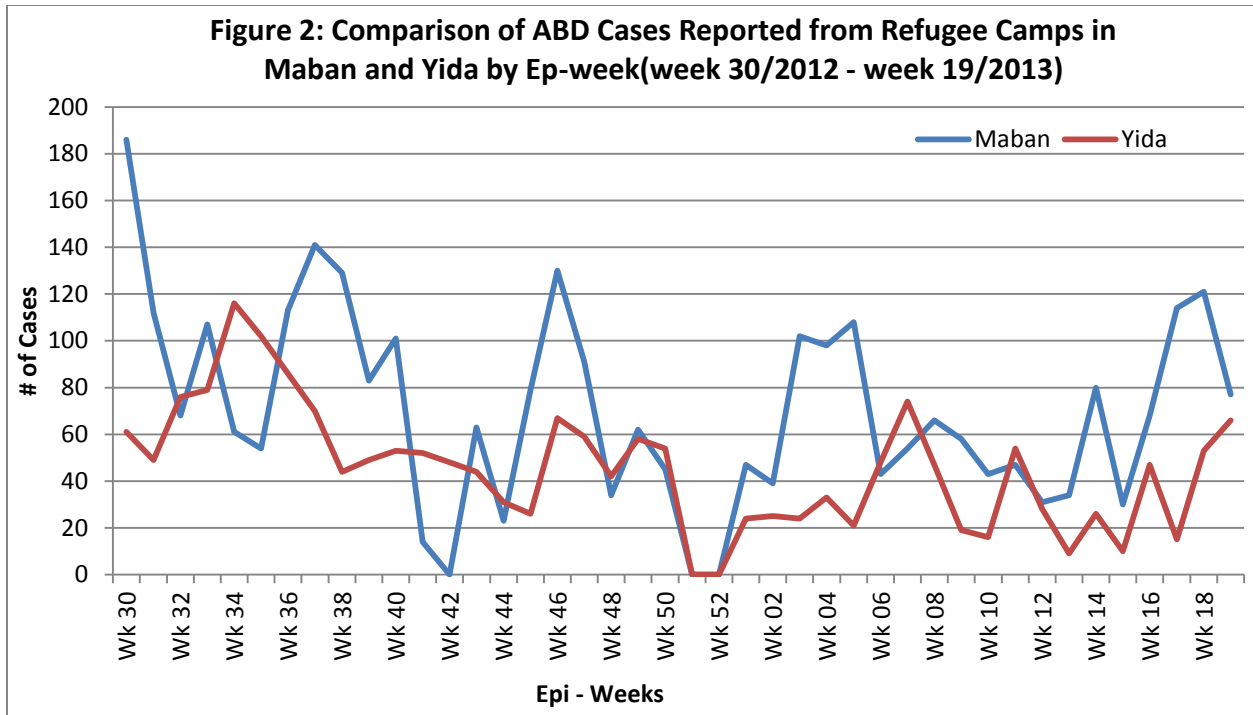
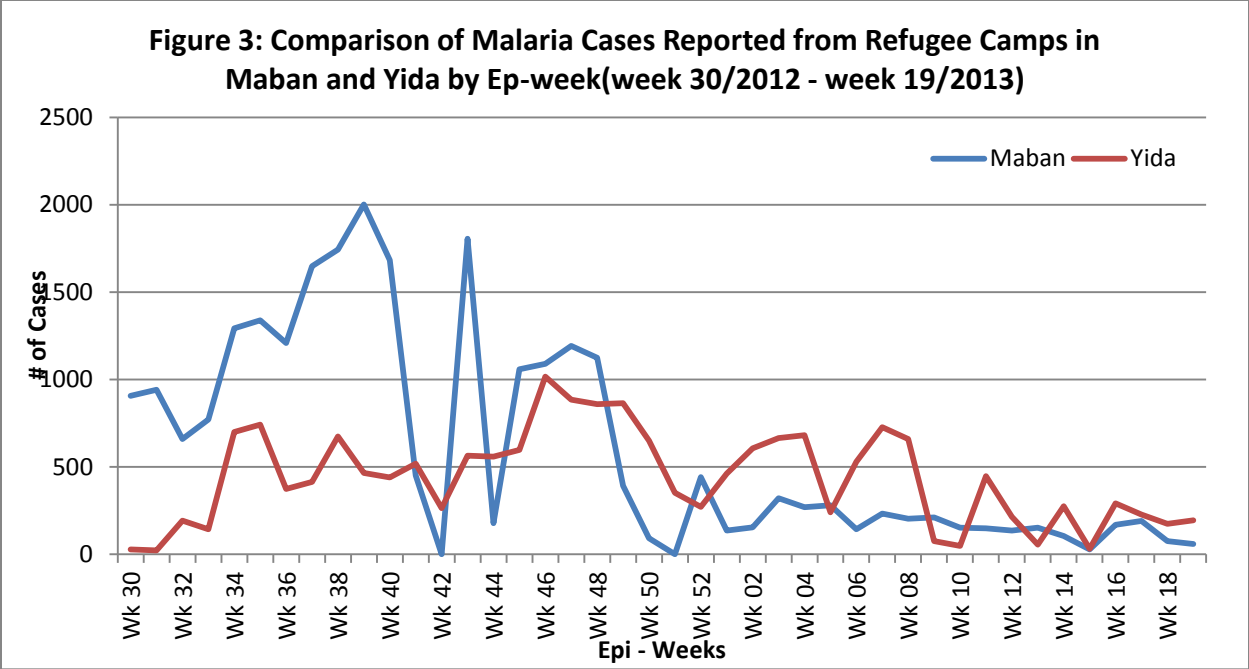


Figure 2 above shows a comparison of ABD cases reported by Epi-week and year 2012 – 2013 in Maban and Yida camps. The ABD trend reported from the refugee camps in Maban decreased this week. The ABD incidence among the host community in Maban increased to 159 from 127 cases in the previous week.

## Malaria

Malaria incidence increased this week to 252 cases compared to 90 in the previous week with no related deaths. Out of all the cases, 30.7% were reported in children below five years of age. Malaria incidence rate in children has remained low in eight consecutive weeks. In Maban County, 446 cases of malaria with no related deaths were reported from facilities serving the host community. Malaria cases decreased this week (446) compared to those recorded in the previous week (506). The under 5 years old in the host community had a higher incidence of malaria (48.4%) than those in the refugee camps (30.7%).

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

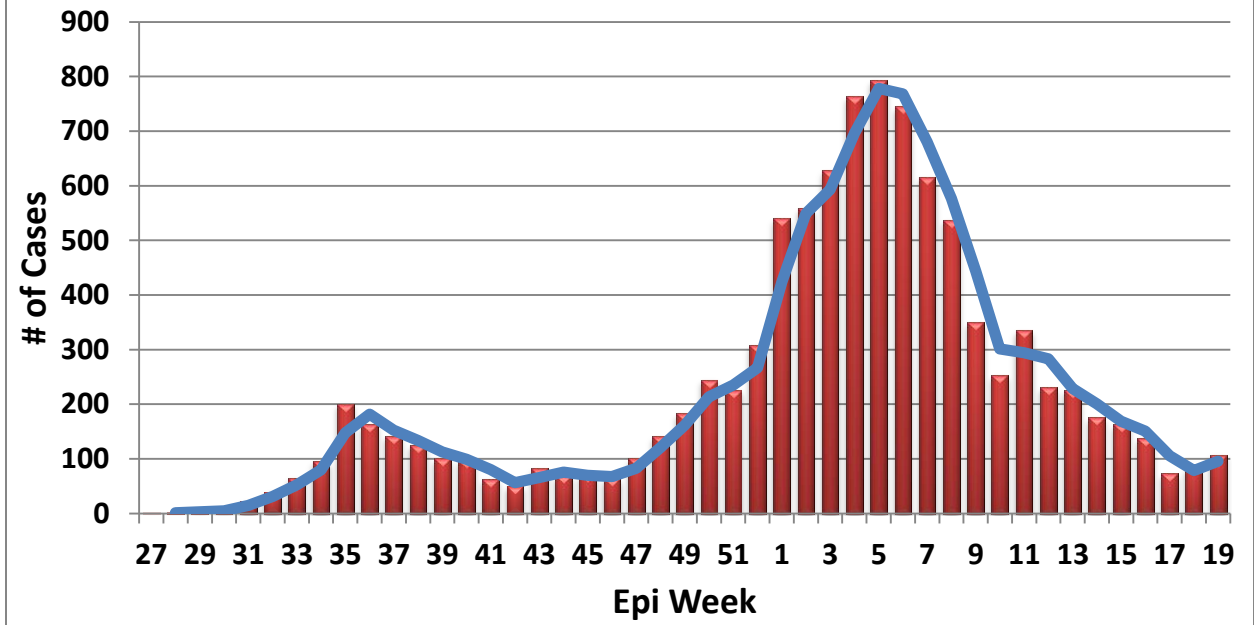


**Acute Jaundice Syndrome (AJS)**

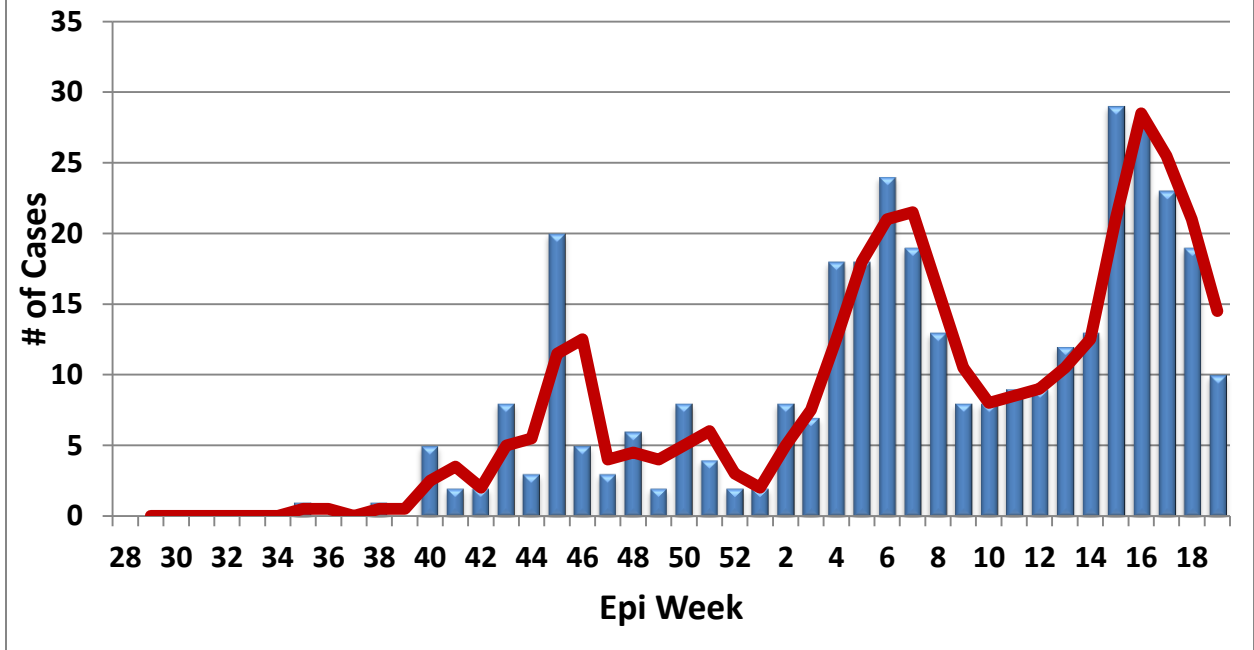
A total of one hundred and seventeen (117) suspected Acute Jaundice Syndrome cases (or Hepatitis E cases) and one related death were recorded from Maban and Yida in week 19. As has been the trend, 90.7% of new AJS cases were recorded in Maban refugee camps (*figure 4 and 5 for AJS Epi-Curve in Maban and Yida*). As shown in figures 4 and 5 below, a cumulative AJS cases recorded from Maban refugee camps was 9,990 and 176 related deaths, while 349 AJS cases and 12 related deaths were recorded in Yida from the beginning of the outbreak till week 19. Cases in Yida decreased to 10 this week. A total of 51 pregnant women in Maban have died of the disease since the outbreak started. New cases recorded in Maban refugee camps continued to decline for the 14th week in a row. Compared to previous weeks, AJS/HEV cases from Batil have reduced remarkably since mid-February. Gendrassa and Jamam are still reporting high numbers of AJS/HEV cases compared to the previous months. In general the epidemic is on the decline. This is the sixth week to register cases below 200 since December last year.

Community awareness, and good sanitation and hygiene practices need to be stepped up in areas where WASH levels are still below standards. MoH, WHO, UNHCR, and other health and WASH partners continue to implement different activities to improve the control of the outbreak. This week one case with no related death was reported from the host community.

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



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



**Other Disease:** No suspected case of Measles, 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 19**

Camps	Doro		Batil		Gendrassa		Jamam		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	0
AWD	604	0	710	0	205	0	319	0	1838	0	583	0	583	0	307	0	
BD	35	0	8	0	14	0	20	0	77	0	66	0	66	0	159	0	
Meningitis	2	0	0	0	0	0	0	0	2	0	2	2	2	2	0	0	
Measles	0	0	0	0	0	0	0	0	0	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	15	0	26	0	34	0	32	1	107	1	10	0	10	0	1	0	
VHF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Malaria	33	0	12	0	5	0	8	0	58	0	194	0	194	0	446	0	
Neonatal Tetanus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	689	0	756	0	258	0	379	1	2082	1	855	2	855	2	913	0	

**Key:** **AWD** – Acute Watery Diarrhoea, **ABD** – Blood Diarrhoea/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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