



REFUGEE SURVEILLANCE UPDATE (MABAN AND YIDA)

Epidemiological Week 22

27th May – 2nd June 2013

Highlights

- The proportion of health facilities in Maban that submitted the weekly reports to the state and central level was 20 bringing completeness to 87.0% (20 out of 23). (*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 22, while reporting from facilities serving the host communities remained 12 out of 15 facilities.
- Only one health facility serving Yida refugee camp reported on time this week.
- Acute watery diarrhea was the leading priority disease recorded in the refugee camps (82.4%), followed by Acute bloody diarrhea (6.6%), Malaria (5.7%), and AJS (5.3%).
- One hundred and twenty four (124) suspected Acute Jaundice Syndrome (AJS) cases (or Hepatitis E cases) and 4 related deaths were recorded from Maban and Yida in week 22. Of the total cases, 111 (89.5%) were reported from Maban refugee camps, 12 (9.6%) from Yida refugee camp, and 1 (0.9%) from the host community.
- Of the cases from Maban, 40.5% of the cases were reported from Doro, followed by Gendrassa 23.4%, Jamam 20.7%, and Batil 15.3%.
- The cumulative AJS cases recorded from Maban refugee camps are 10,286 and 184 related deaths, while 411 AJS cases and 13 related deaths have been recorded in Yida from the beginning of the outbreak till week 22.
- Four measles cases were reported this week in Gendrassa.
- No Meningitis, 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 this week is 20 facilities in Maban and 3 facilities in Yida. Of these, eight facilities are serving refugee camps in Maban and three facilities are serving Yida refugee camp. The eighth health facility serving refugee community in Maban is in Kaya (New camp), and is being operated by IMC. Two of the three silent health facilities serving the host communities 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

FACILITY IN MABAN	WK16	WK17	WK18	WK19	WK20	WK21	WK22
<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	1
<i>Batil - GOAL clinic(west & South)</i>	1	1	1	1	1	1	1
<i>Batil - MSF-H</i>		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
<i>Gendrassa - IMC</i>	1	1	1	1	1	1	1
<i>Kaya - IMC</i>							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>							
Total Facilities Reporting	17	19	19	19	19	19	20
FACILITIES IN YIDA	WK16	WK17	WK18	WK19	WK20	WK21	WK22
<i>Wang Kuat PHCC - Care International</i>	1		0	1	1	1	
<i>Yida PHCC - Care International</i>	1		0	1	1	1	
<i>MSF-France Clinic</i>	1	1	1	1	1	1	1
Total Facilities Reporting	3	1	1	3	3	3	1

Epidemic Prone Disease Reported

Acute Watery Diarrhea (AWD)

A total of 1,725 AWD cases were reported in Maban and Yida Refugee camps during this reporting week with no related death. AWD accounted for 82.4% of the priority diseases reported this week. Proportion of cases below five years was at 70.8% of all reported AWD cases in all the camps, above what was reported in the previous week.

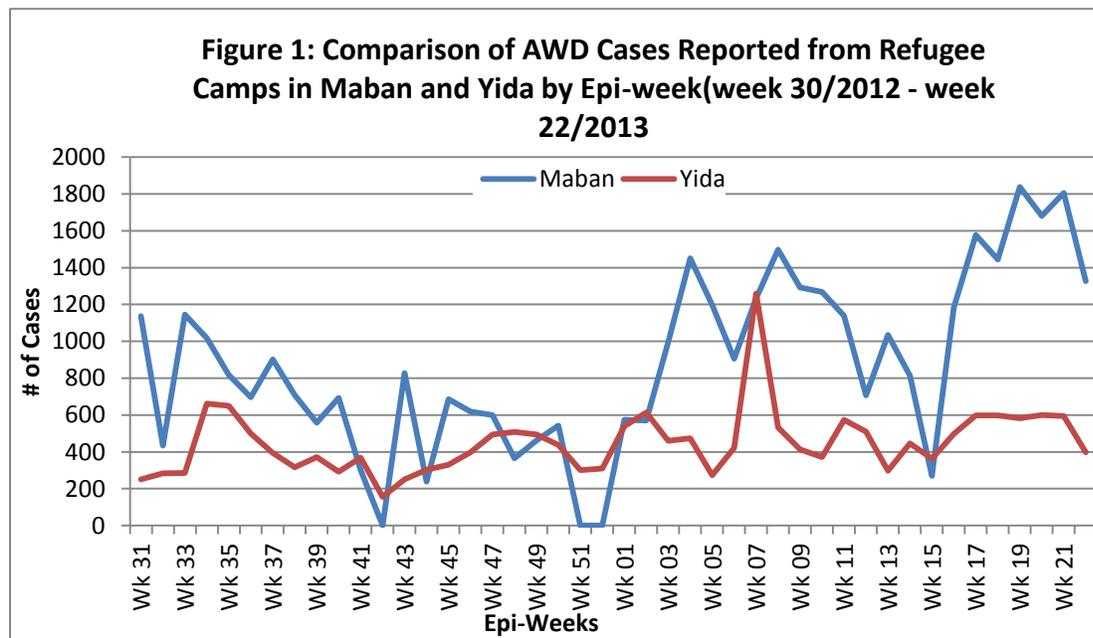


Figure 1 shows a comparison of AWD cases reported by Epi-week in year 2012 -2013 from facilities serving the Refugees in Maban and Yida. The incidence rate of AWD in the camps of Maban decreased in week 22. The cases among the Host community in Maban decreased to 244 from 359 the previous week with no related death.

Dysentery (ABD)

A total of 138 cases of ABD with no related death were reported in week 22 from the refugee camps. Fewer cases were reported this week compared to the previous week (156). Proportion of cases in children below five years increased to 65.2% from 47.5% the previous week.

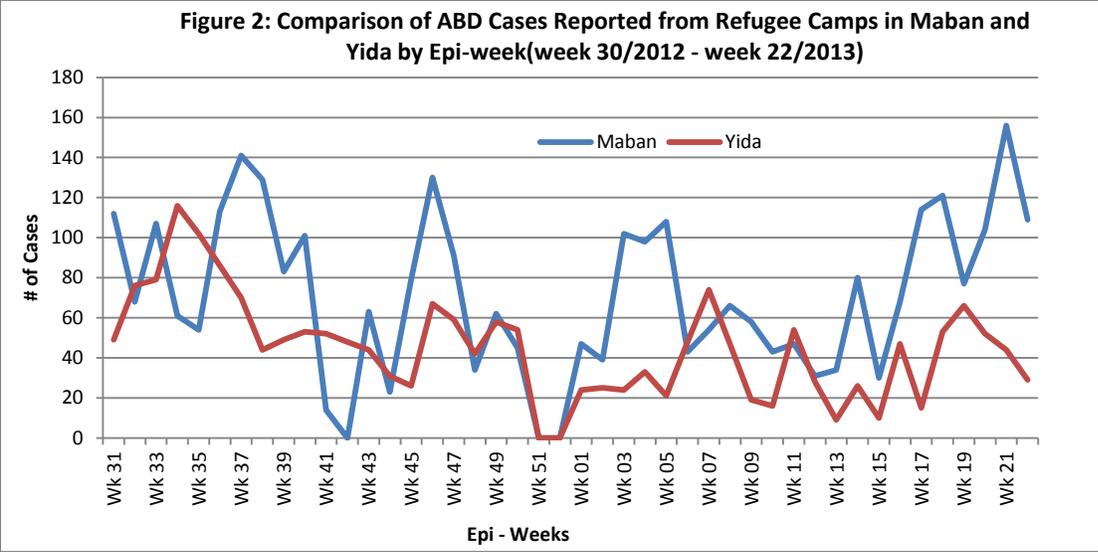
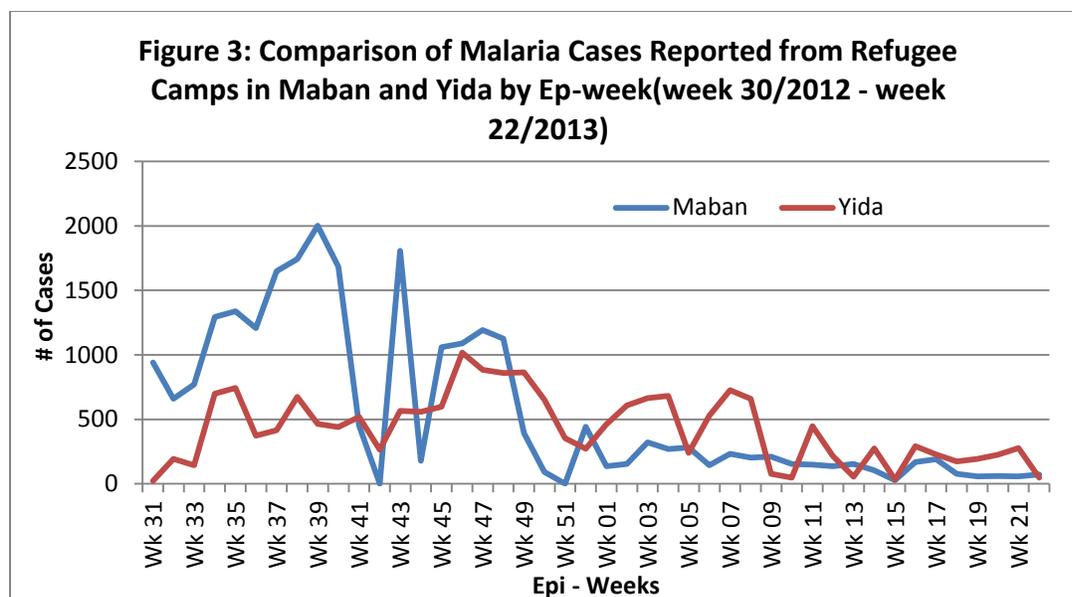


Figure 2 above shows a comparison of ABD cases reported by Epi-week and year 2012 – 2013 in Maban and Yida camps. The ABD trend reported from the refugee camps in Maban increased this week. The ABD incidence among the host community in Maban increased to 121 from 92 cases in the previous week.

Malaria

Malaria incidence decreased this week to 119 compared to 333 cases in the previous week with no related death. Out of all the cases, 13.5% were reported in children below five years of age. In Maban County, 417 cases of malaria with no related death were reported from facilities serving the host community. Malaria cases decreased this week compared to those recorded in the previous week (479). The under 5 years old in the host community had a higher incidence of malaria (26.1%) than those in the refugee camps (13.5%). 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 twenty four (124) suspected Acute Jaundice Syndrome cases (or Hepatitis E cases) and four related deaths were recorded from Maban and Yida in week 22. 89.5% of new AJS cases were recorded in Maban refugee camps, 9.6% in Yida refugee camp (*figure 4 and 5 for AJS Epi-Curve in Maban and Yida*), and 0.9% in the host community in Maban. As shown in figures 4 and 5 below, a cumulative AJS cases recorded from Maban refugee camps was 10,286 and 184 related deaths, while 411 AJS cases and 13 related deaths were recorded in Yida from the beginning of the outbreak till week 22. Cases in Yida decreased remarkably 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. Batil for the third time has recorded the least number of cases compared to other camps since the outbreak started. Gendrassa and Jamam are still reporting high numbers of AJS/HEV cases compared to the previous months. New cases in Doro are on the increase. The pattern of the epidemic is unpredictable. This is the ninth week to register cases below 200 since December last year.

Community awareness and good sanitation and hygiene practices continue to be emphasized throughout the camps and the host community. 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 which later died in Bunj hospital came from the host community.

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

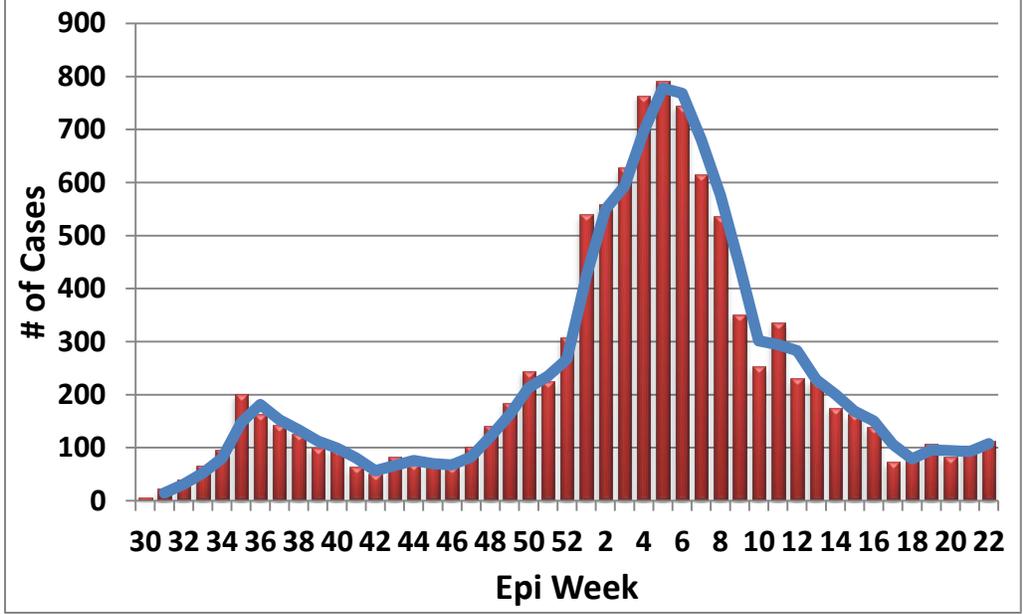
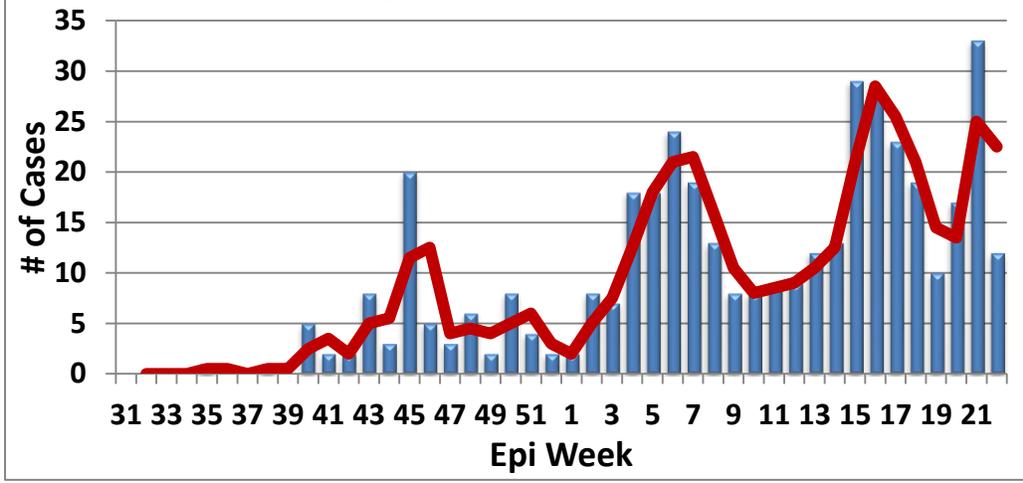


Figure 5: Epi-Curve of Acute Jaundice Syndrome cases in Yida Refugee Camp (Sept 2012 - June 2013)



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 22

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
AWD	395	0	570	0	233	0	129	0	1327	0	398	0	398	0	244	0
BD	56	0	6	0	41	0	6	0	109	0	29	0	29	0	121	0
Meningitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	4	0	0	0	4	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	45	1	17	1	26	0	23	1	111	3	12	0	12	0	1	1
VHF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malaria	38	0	31	0	0	0	2	0	71	0	48	0	48	0	417	0
Neonatal Tetanus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	534	1	624	1	304	0	160	1	1622	3	487	0	487	0	783	1

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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