



REFUGEE SURVEILLANCE UPDATE (MABAN AND YIDA)

Epidemiological Week 15

8st – 14th April 2013

Highlights

- The proportion of health facilities in Maban that submitted the weekly reports to the state and central level reduced to 15 bringing completeness to 68.2% (15 out of 22). (*See list of health facilities in Maban and supporting partners on page 2*). Only 4 facilities serving the refugees in Maban reported on time in week 15, while reporting from facilities serving the host communities reduced to 11 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 (72.9%), followed by AJS (11.9%), Malaria (8.3%), and Acute Bloody Diarrhea (7.0%).
- One hundred and ninety two (192) suspected Acute Jaundice Syndrome (AJS) cases (or Hepatitis E cases) and two (2) related deaths were recorded from Maban and Yida in week 15. Of the total cases, 83.9% were reported from Maban refugee camps, 15.1% from Yida refugee camp and 1.0% from the host community. Four suspected cases were reported to have come from the host community and were seen by MSF in Gendrassa (2), Batil (1), and Jamam (1). Of the cases from Maban, 37.9% of the cases were reported from Jamam, followed by Batil (32.9%), Gendrassa (21.1%), and Doro (8.1%).

The cumulative AJS cases recorded from Maban refugee camps was 9,592 and 171 related deaths, while 269 AJS cases and 12 related deaths were recorded in Yida from the beginning of the outbreak till week 15.

- One suspected meningitis case was reported in Doro camp.
- 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 have started operating. Long distance and lack of communication facilities 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	WK9	WK10	WK11	WK12	WK13	WK14	WK15
<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 & 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
<i>Gendrassa MSF H</i>	1	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
<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	
<i>Thuaye PHCU MOH</i>	1	1	1	1	1	1	1
<i>New Guffa PHCU MOH</i>			1	1	1	1	1
<i>Khor Tumbak PHCU MOH</i>				1			
<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>							
Total Facilities Reporting	17	17	17	20	19	19	15

FACILITIES IN YIDA	WK9	WK 10	WK11	WK12	WK13	WK14	WK15
<i>Wang Kuat PHCC</i>			1	1	1	1	
<i>Yida PHCC</i>			1	1		1	
<i>MSF-France Clinic</i>	1	1	1	1		1	1
Total Facilities Reporting	1	1	3	3	1	3	1

Epidemic Prone Disease Reported

Acute Watery Diarrhea (AWD)

A total of 1167 AWD cases were reported in Maban and Yida Refugee camps during this reporting week with no related deaths. Proportion of cases below five years was at 63.9% of all reported AWD cases in all the camps.

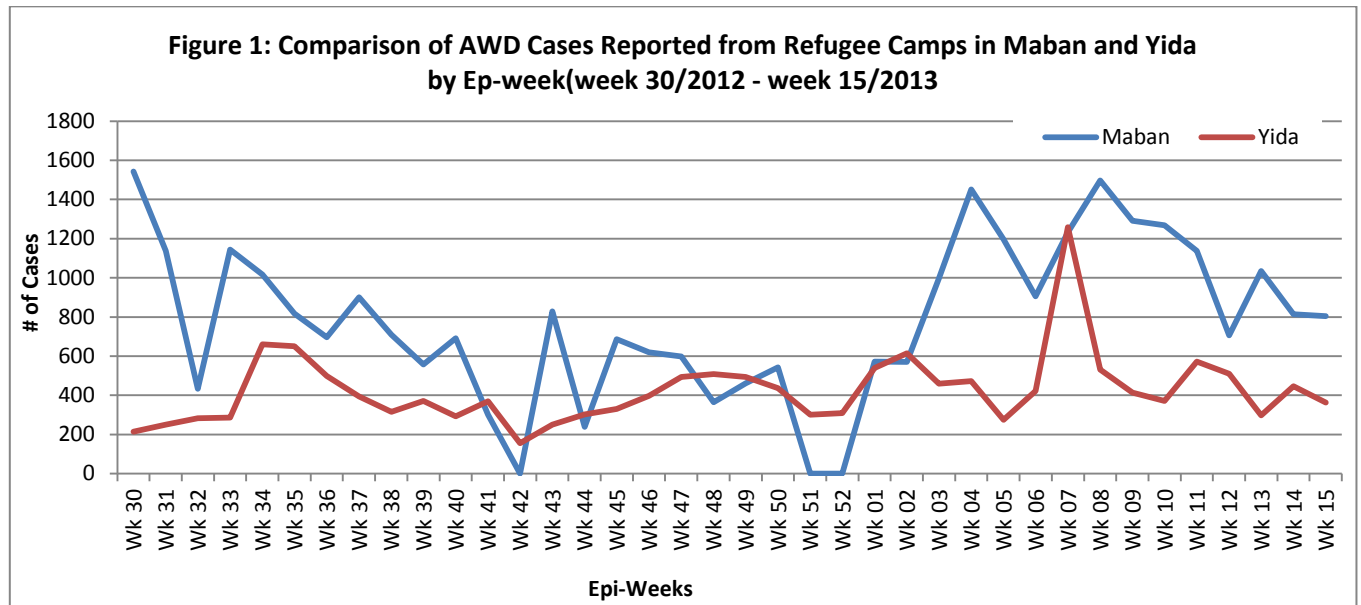
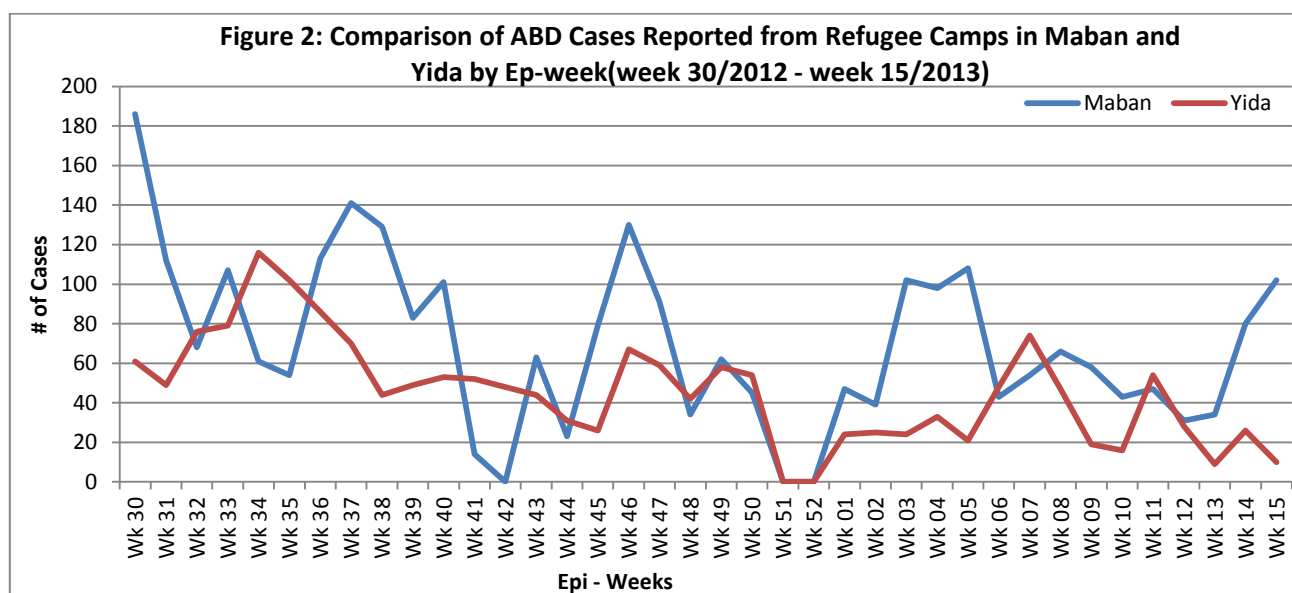


Figure 1 shows a comparison of AWD cases reported by Epi-week in year 2012 -2013 from facilities serving the Refugees in Maban and Yida. The incidence rate of AWD in the camps in Maban and Yida camps decreased in week 15. The cases among the Host community in Maban increased from 418 to 444 with no related deaths.

Dysentery (ABD)

A total of 112 cases of ABD with no related deaths were reported in week 15 from the refugee camps. Proportion of cases in children below five years dropped from 40.3% the previous week to 37.5% this week.

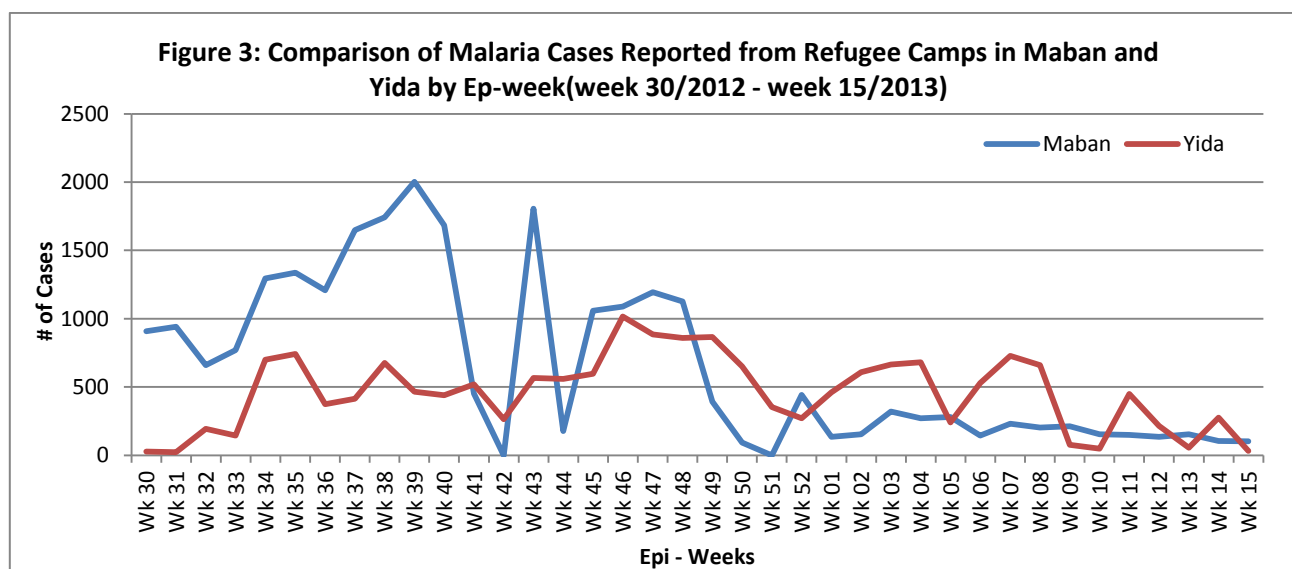
Figure 2 above shows a comparison of ABD cases reported by Epi-week and year 2012 – 2013 in Maban and Yida camps. The ABD trend reported from the refugee camps in Maban and Yida decreased this week. The ABD incidence among the host community in Maban increased to 87 from 65 cases in the previous week.



Malaria

A total of 133 malaria cases were reported in week 15 from Yida and Maban refugee camps, with no related deaths. Out of all the cases, 29.3% were reported in children below five years of age. Malaria incidence rate in children has remained the same in three consecutive weeks. In Maban County, 672 cases of malaria with no related deaths were reported from facilities serving the host community. Malaria cases increased slightly compared to those recorded in the previous week (646). The under 5 years old in the host community had a higher incidence of malaria (48.7%) than those in the refugee camps (29.3%).

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

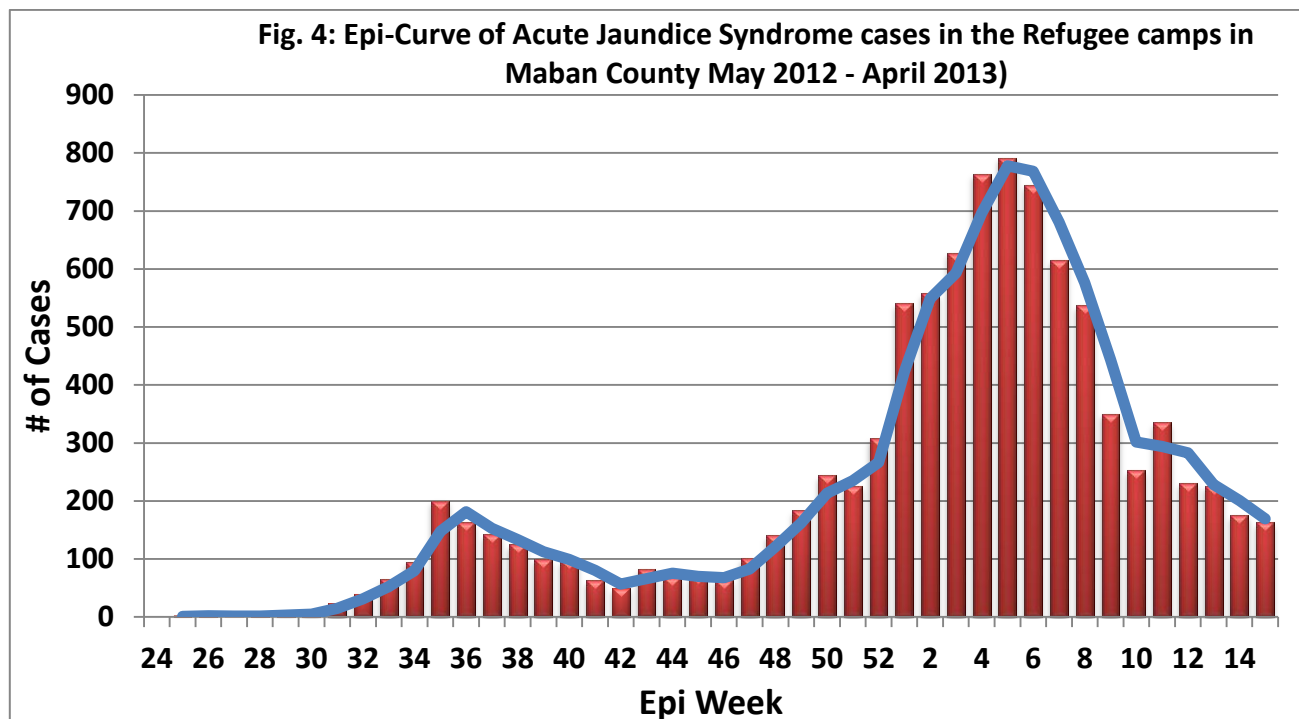


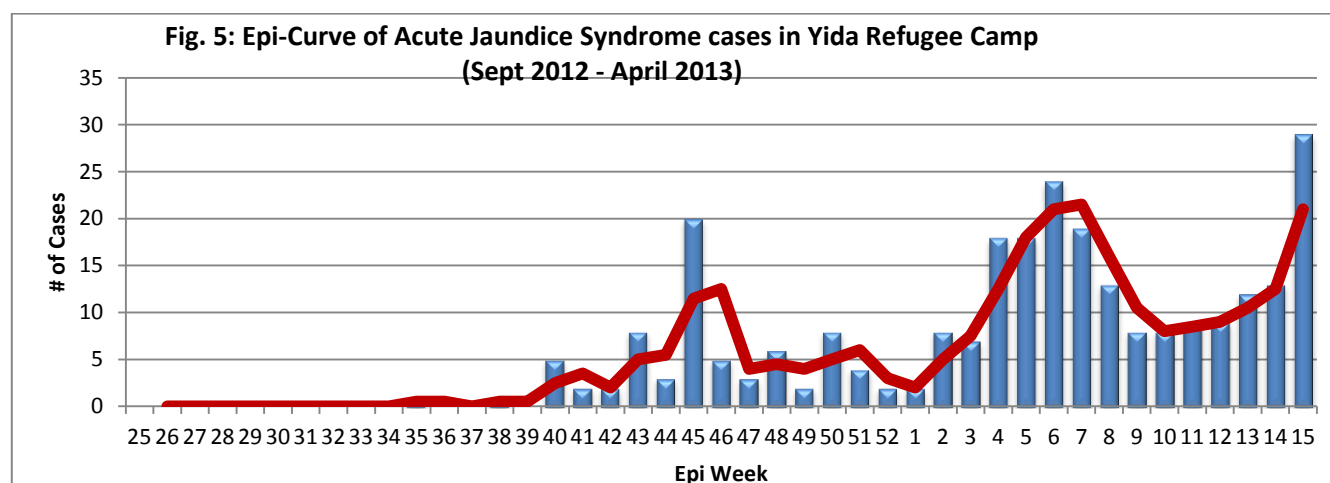
Acute Jaundice Syndrome (AJS)

A total of one hundred and eighty eight (192) suspected Acute Jaundice Syndrome (AJS) cases (or Hepatitis E cases) and six (2) related deaths were recorded from Maban in week 15. No death was reported in Yida this week. As has been the trend, 83.7% of new AJS cases were recorded in Maban refugee camps (*figure 4 and 5 for AJS Epi-Curve in Maban and Yida*). Of the deaths, one was recorded in Batil and another in Gendrassa. As shown figure 4 and 5 below, a cumulative AJS cases recorded from Maban refugee camps was 9,592 and 171 related deaths, while 269 AJS cases and 12 related deaths were recorded in Yida from the beginning of the outbreak till week 15. Cases in Yida are slowly but steadily increasing every week. A total of 49 pregnant women have died of the disease since the outbreak started. New cases recorded in Maban refugee camps continued to decline for the 10th week as compared to the previous weeks. 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 past weeks. In general the epidemic is on the decline. This is the second 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 both in the camps and host community especially 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 six cases came from the host community. Four of the cases were seen in the refugee camp health facilities and two in the host community health facilities. A cumulative number of cases from the host community is now 56 with no death.





Other Disease: One case of meningitis was reported from Doro camp this week, and a cerebral spinal fluid sample was collected and sent for testing.

No suspected cases of Measles, Viral Hemorrhagic fever or Influenza like illness were reported during this week.

Table 2: Summary of Priority Diseases in Maban and Yida Refugee camps week 15

Camps	Doro		Batil		Gendrassa		Jamam		Maban TOTAL		Yida		Yida TOTAL		Host Community	
Cases/ Death	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	535	0	202	0	67	0	0	0	804	0	363	0	363	0	444	0
BD	72	0	9	0	21	0	0	0	102	0	10	0	10	0	87	0
Meningitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	13	0	53	0	34	1	61	1	161	2	29	0	29	0	2	0
VHF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malaria	73	0	21	0	7	0	0	0	101	0	32	0	32	0	672	0
Neonatal Tetanus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	691	0	255	0	97	0	0	0	1168	0	434	0	434	0	1205	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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