



REFUGEE SURVEILLANCE UPDATE (MABAN AND YIDA)

Epidemiological Week 12

18th – 24th March 2013

Highlights

- The proportion of health facilities in Maban submitting weekly reports to the state and central level greatly improved from 77% to 91% (20 out of 22). (*See list of health facilities in Maban and supporting partners on page 2*). All the seven facilities serving the refugees in Maban reported in week 12, while reporting from facilities serving the host communities increased by two this week to 13 out of 15 facilities. Khortumbak and Ginkwat PHCUs reported for the first time in over six months when they closed for lack of health workers.
- 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 (71%), followed by Malaria (16.1%), and Acute Jaundice Syndrome (9.9%).
- Two hundred and forty (240) suspected Acute Jaundice Syndrome (AJS) cases (or Hepatitis E cases) and seven (8) related deaths were recorded from Maban and Yida. Of the total cases, 96.3% were reported from Maban refugee camps and 3.7% from Yida refugee camp. No case was reported from facilities serving the host community. Of the cases from Maban, 47.6% of the cases were reported from Yusuf Batil, followed by Doro (23.4%), Gendrassa (15.6%), and Jamam (13.4%).
The cumulative AJS cases recorded from Maban refugee camps was 8,940 and 158 related deaths, while 215 AJS cases and 10 related deaths were recorded in Yida from the beginning of the outbreak till week 12.
- Two cases of suspected Measles were reported in Gendrassa.
- No Meningitis, Cholera, and 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 3 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 the silent ones have started operating and are reporting. This 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	WK6	WK7	WK8	WK9	WK10	WK11	WK12
<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	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
<i>Thuaye PHCU MOH</i>	1	1	1	1	1	1	1
<i>New Guffa PHCU MOH</i>						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
<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	15	16	17	17	17	17	20

FACILITIES IN YIDA	WK6	WK7	WK8	WK9	WK 10	WK11	WK12
<i>Wang Kuat PHCC</i>	1	1	1			1	1
<i>Yida PHCC</i>	1	1	1			1	1
<i>MSF-France Clinic</i>	1	1	1	1	1	1	1
Total Facilities Reporting	3	3	3	1	1	3	3

Epidemic Prone Disease Reported

Acute Watery Diarrhea (AWD)

A total of 1723 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 66.6% of all reported AWD cases in all the camps.

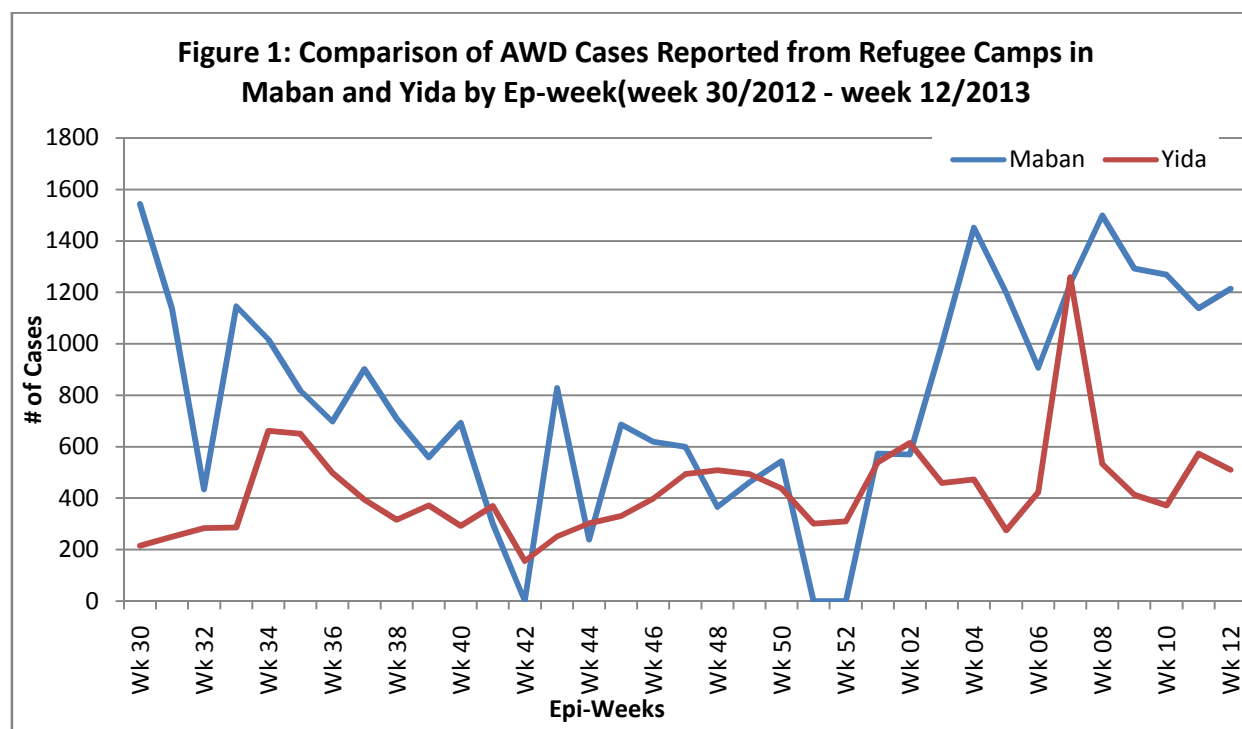


Figure 1 shows a comparison of AWD cases reported by Epi-week in year 2012 -2013 from facilities serving the Refugees in Maban and Yida. The incidence rate of AWD in the camps in Maban County increased in week 12, while cases recorded in Yida slightly decreased. The cases among the Host community in Maban increased to 392 with no related deaths.

Dysentery (ABD)

A total of 72 cases of ABD with no related deaths were reported in week 12 from the refugee camps. Proportion of cases in children below five years decreased to 32% of all reported ABD cases as compared to 41% and 36% in weeks 10 and 11 respectively.

Silent Facilities: Puomky PHCU, and Baugaya PHCU

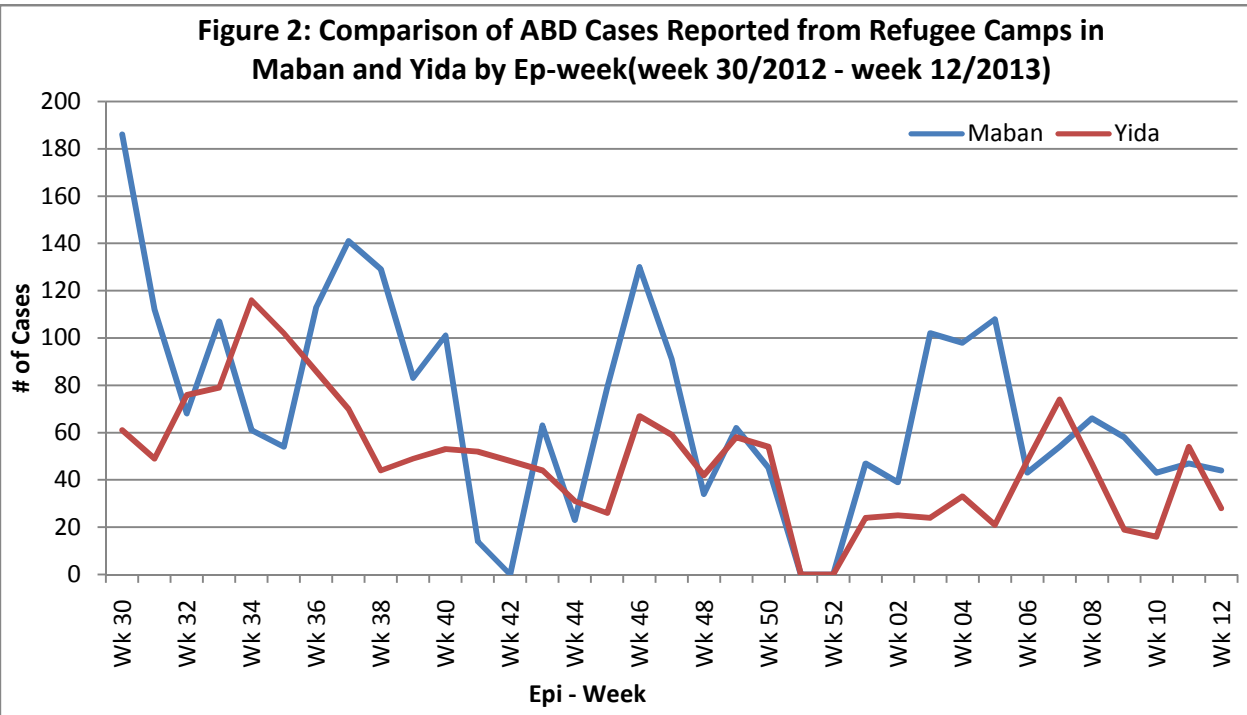


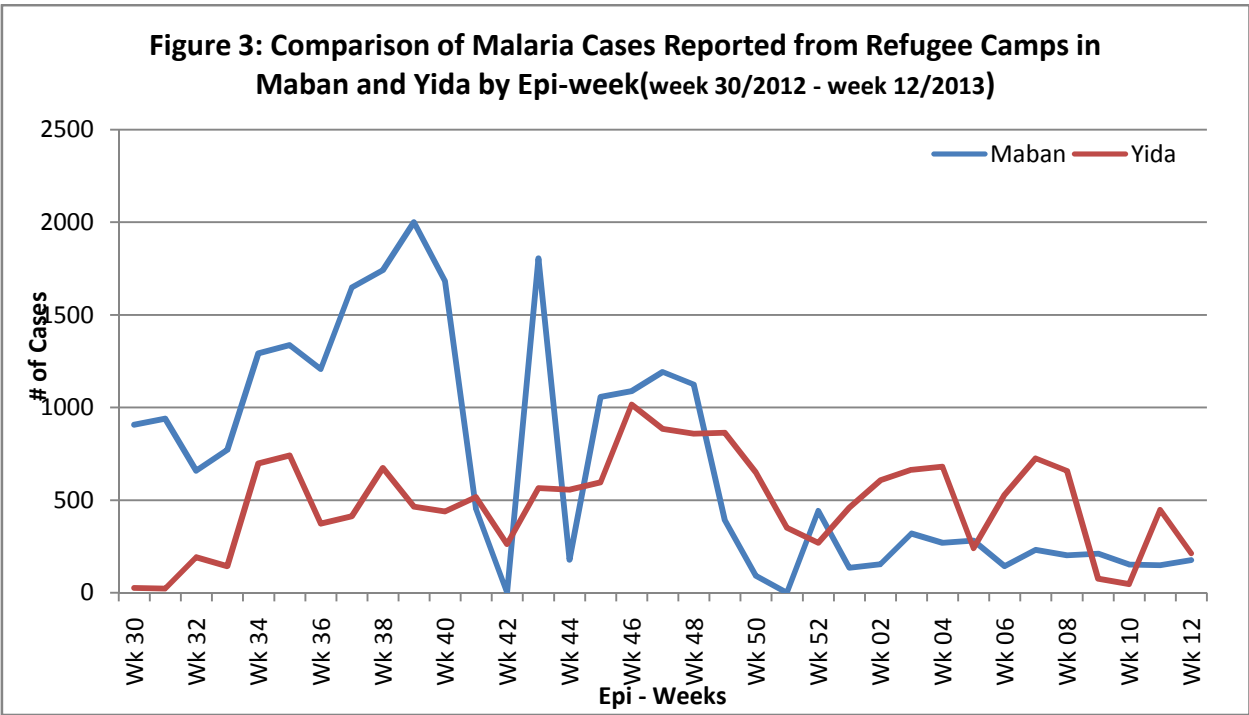
Figure 2 above shows a comparison of ABD cases reported by Epi-week and year 2012 – 2013 in Maban and Yida camps. The ABD trend reported from the refugee camps in Maban and Yida decreased this week.

The ABD incidence among the host community in Maban increased from 87 in week 11 to 171 cases in week 12, with a small difference in numbers among the under five (80) and above five years old (91).

Malaria

A total of 390 malaria cases were reported in week 12 from Yida and Maban refugee camps, with no related deaths. Out of all the cases, 30.8% were reported in children below five years of age. Malaria incidence rate in children decreased in week 12 compared to 47.6% in week 11. In Maban County, 796 cases of malaria with no related deaths were reported from facilities serving the host community compared to 448 cases in week 11. Unlike in the refugee camps the incidence of malaria was more among children below five years old (52.9%) than those above five. Since the beginning of the year, other than weeks five, nine and ten, Yida has reported more cases of malaria in the refugee camp than Maban camps.

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



Acute Jaundice Syndrome (AJS)

A total of three hundred and forty (240) suspected Acute Jaundice Syndrome (AJS) cases (or Hepatitis E cases) and Eight (8) related deaths were recorded from Maban and Yida in week 12. As has been the trend for over a month, 96.3% 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 Doro, three in Batil, two in Jamam, and two from Yida. As shown figure 4 and 5 below, a cumulative AJS cases recorded from Maban refugee camps was 9,030 and 158 related deaths, while 215 AJS cases and 10 related deaths were recorded in Yida from the beginning of the outbreak till week 12. New cases recorded in Maban refugee camps continued to decline for the seventh week as compared to the previous weeks. Compared to previous weeks cases from Batil have reduced significantly although it still reports the highest number among all the camps. Cases from Gendrassa and Doro are still high compared to the previous weeks. In general the epidemic is on the decline. However, awareness, and good sanitation and hygiene practices need to be stepped up in areas where WASH standards are still low.

This week no case was reported from a facility serving the host community. WHO is following up cases in Jamam and carrying out contact tracing.

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

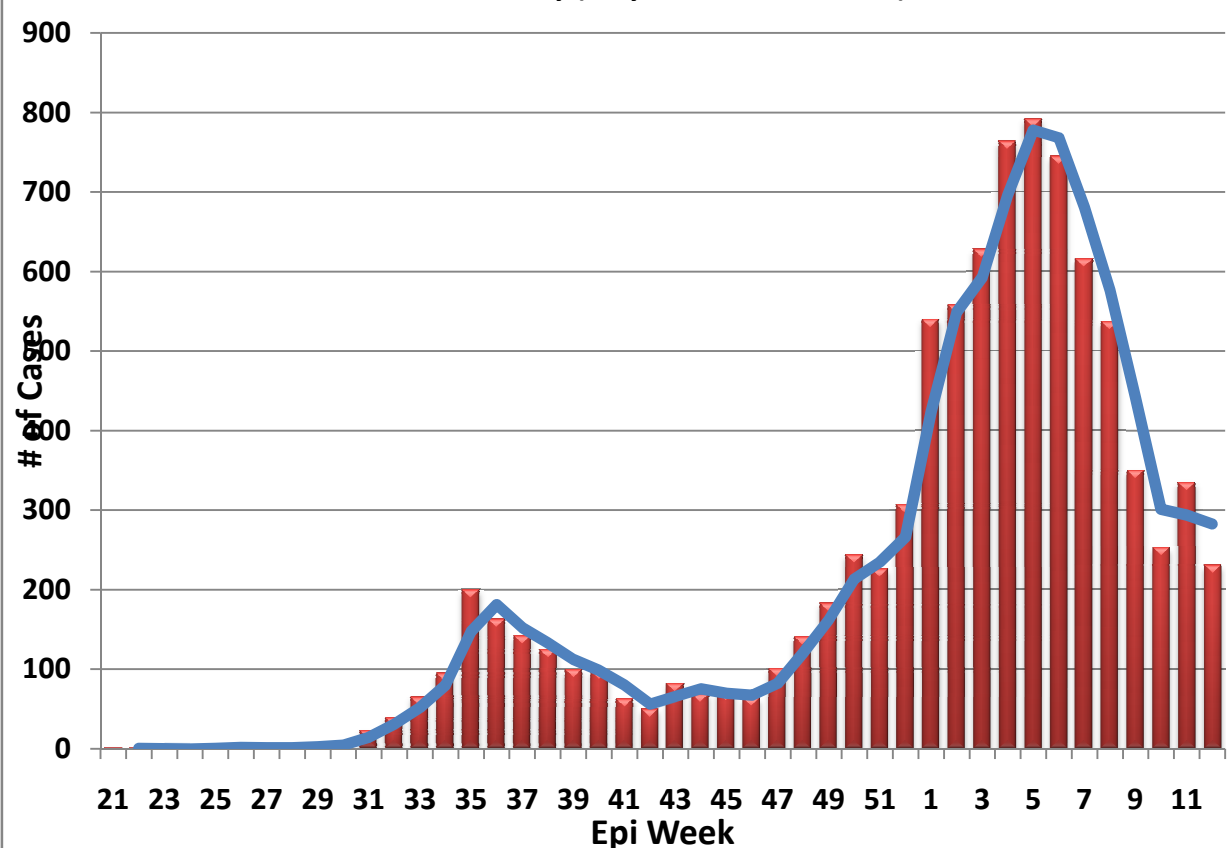
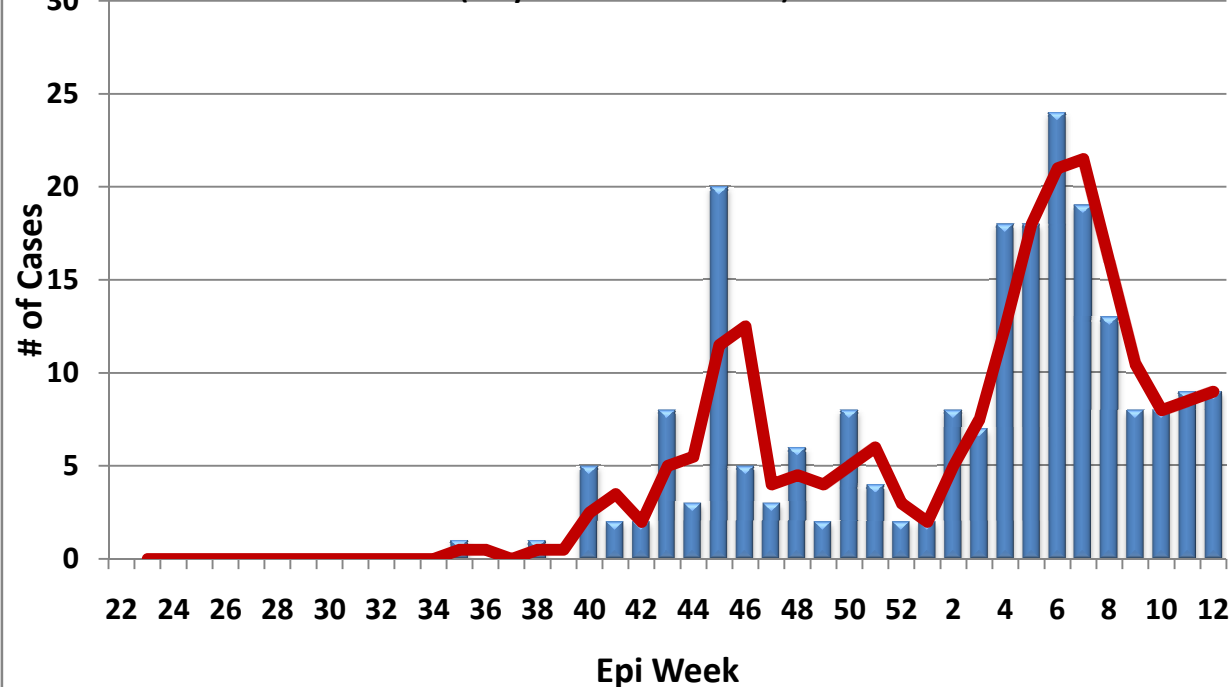


Fig 5: Epi-Curve of Acute Jaundice Syndrome cases in Yida Refugee camp (May 2012 - March 2013)



Other Disease: No suspected cases of Meningitis, 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 12

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	443	0	375	0	99	0	296	0	1213	0	510	0	510	0	392	0
BD	23	0	5	0	4	0	12	0	44	0	28	0	28	0	171	0
Meningitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	2	0	0	0	2	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	54	1	110	3	36	0	31	0	231	6	9	2	9	2	0	0
VHF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malaria	62	0	56	0	41	0	32	0	176	0	214	0	214	0	796	0
Neonatal Tetanus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	582	1	546	0	182	0	371	0	1666	1	761	2	761	2	1329	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

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