



REFUGEE SURVEILLANCE UPDATE (MABAN AND YIDA)

Epidemiological Week 10

11th-16th March 2013

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Highlights

- The proportion of health facilities in Maban submitting weekly reports to the state and central level remained at 77% (17 out of 22) for third week in a row. (*See list of health facilities in Maban and supporting partners in page 2*). All the seven facilities serving the refugees in Maban reported in week 10, while reporting from facilities serving the host communities remained stable this week at 10 out of 15 facilities for the second consecutive week
- Only one out of the three health facilities serving Yida refugee camp reported on time this week.
- In week 10, Acute watery diarrhea was the leading priority diseases recorded in the refugee camps (76%), followed by acute jaundice syndrome (12%) and Malaria (9%)
- Two hundred and sixty one (262) suspected Acute Jaundice Syndrome (AJS) cases (or Hepatitis E cases) and five (5) related deaths were recorded from Maban and Yida. Of these cases and deaths, 97% of cases and 100% of deaths were reported from Maban refugee camps; only 2.7% of cases was reported from Yida refugee camp and for the first time 0.3% was reported from the host community in Maban. Of these cases from Maban, 39.4% of the cases were reported from Yusuf Batil, followed by Gendrasa (35.0%), Jamam (19.7%) and Doro (5.5%) and 0.4% from the host community(Jamam PHCC)

The cumulative AJS cases recorded from Maban refugee camps was 8428 and 138 related deaths, while 197 AJS cases and 5 related deaths were recorded in Yida from the beginning of the outbreak till week 10

- Gendrassa refugee camp reported one suspected cases of meningitis and one measles case.
- There was no report of suspected cholera, VHF cases reported from all the refugee camps.

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 (Banishowa removed from the list), of these seven facilities are serving refugees camps in Maban and 3 facilities are serving Yida refugee camp. Nonetheless, few health facilities serving host communities in Maban county are not functioning or there functionality various week by week.

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

FACILITY IN MABAN	WK4	WK5	WK6	WK7	WK8	WK9	WK10
<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	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
<i>Bunj Hospital SP/GOAL</i>		1	1	1	1	1	1
<i>Dangaji PHCU Relief International</i>		1	1	1	1	1	1
<i>Gesm Allah PHCU Relief International</i>		1	1	1	1	1	1
<i>Jamam PHCU GOAL</i>	1	1	1	1	1	1	1
<i>Genkwata PHCU MOH</i>							
<i>Thuaye PHCU MOH</i>			1	1	1	1	1
<i>New Guffa PHCU MOH</i>							
<i>Khor Tumbak PHCU MOH</i>							
<i>Puomkl PHCU SCiSS-MRDO</i>							
<i>Doro PHCU SIM</i>	1			1	1	1	1
<i>Liang PHCU SCiSS-MRDO</i>	1	1	1	1	1	1	1
<i>Nilu 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	11	14	15	16	17	17	17

FACILITIES IN YIDA	WK4	Wk5	WK6	WK7	WK8	WK9	WK 10
<i>Wang Kuat PHCC</i>	1		1	1	1		
<i>Yida PHCC</i>	1		1	1	1		
<i>MSF-France Clinic</i>	1	1	1	1	1	1	1
Total Facilities Reporting	3	1	3	3	3	1	1

Silent Facilities: Genkwata PHCC, Khortumbak PHCC, New Guffa, Baugaya PHCC, WangKuat PHCC(CARE), Yida PHCC(CARE)

Epidemic Prone Disease Reported

Acute Watery Diarrhea (AWD)

A total of 1640 AWD cases were reported in Maban and Yida Refugee camps during this reporting week with no related deaths. Proportion of cases below five years remained at 67% of all reported AWD cases.

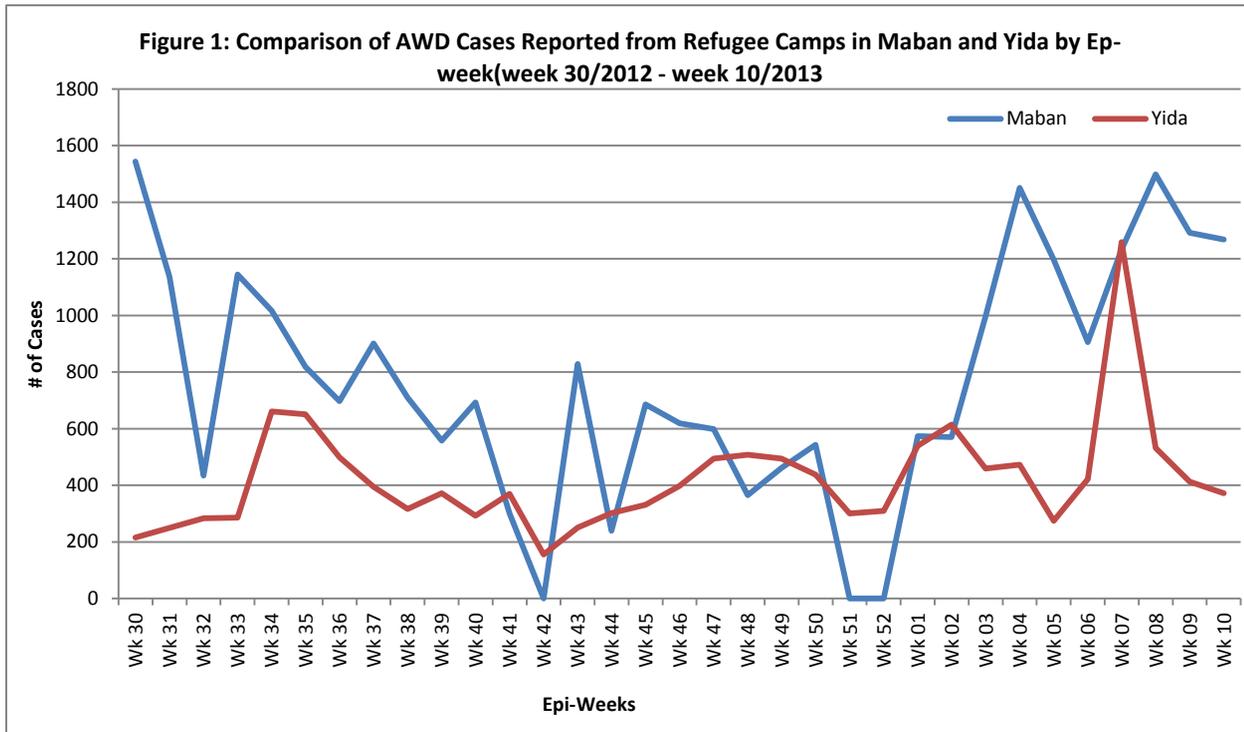
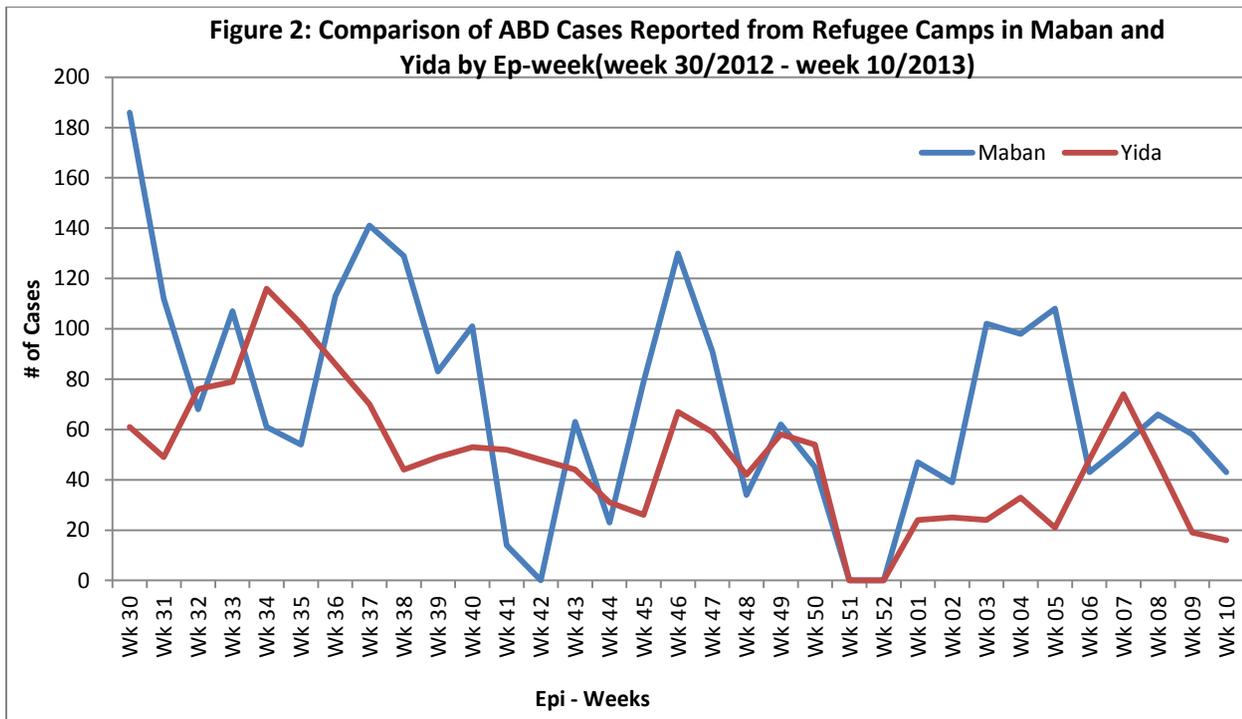


Figure 1 shows a comparison of AWD cases reported by Epi-week in year 2012 -2013 from facilities serving the Refugees in Maban and Yida. The overall incidence rate of AWD across the camps in Maban County and Yida decreased in week 10.

The cases among the Host community in Maban also decreased to 178 cases of AWD no related deaths.

Dysentery (ABD)



A total of 59 cases of ABD with no related deaths were reported in week 10. Proportion of cases in children below five years increased to 41% of all reported ABD cases. 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 slightly this week

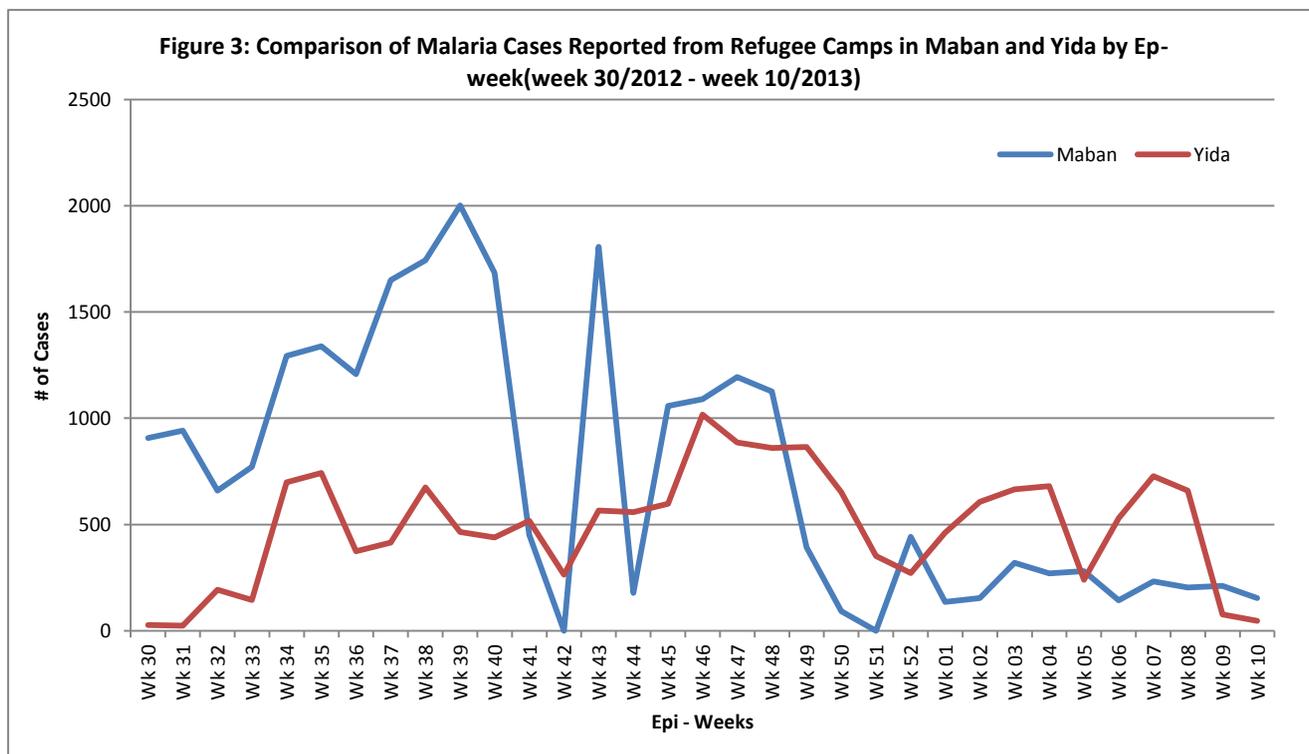
The ABD incidence among the host community in Maban decreased from 198 in week 9 to 38 cases in week 10, with 42% of the cases reported in children below five years.

Malaria

A total of 200 malaria cases were reported in week 10 from Yida and Maban, with no related deaths. Out of all the cases, 57% were reported in children below five years of age. In Maban County 614 cases of malaria with no related deaths were reported from facilities serving the host community.

There has been significant reduction in the cases being reported from Yida majorly due to that two facilities have not been reporting, while the cases being reported from Maban reduced slightly this week.

Figure 3 below shows comparison of the incidence of malaria in Maban and Yida from Epi-week 30-52 (2012) to Epi-week 1-8 (2013).



Acute Jaundice Syndrome (AJS)

A total of Two hundred and sixty two (262) suspected Acute Jaundice Syndrome (AJS) cases (or Hepatitis E cases) and five (5) related deaths were recorded from Maban and Yida in week 10. As has been the trend for the past one month 97% of new AJS cases were recorded in Maban refugee camps (*figure 4 and 5 for AJS Epi-Curve in Maban and Yida*). Six deaths were recorded in Yusuf Batil and one more in Yida camp. As shown figure 4, a total of 8424 AJS/Hepatitis E cases and 151 related deaths were reported since the beginning of the outbreak in the refugee camps in Maban and Pariang Counties, Upper Nile and Unity States respectively. For the first time in six weeks Yusuf Batil has reported less than 50% of the overall cases. Cases from Gendrassa are continuing to increase and this week 35% of the cases and 40% of the deaths were recorded in Gendrassa. But overall there is good progress being made as for the total cases this week was below the “300” mark for the first time since week 1 of 2013.

This week one case was reported from a facility serving the host community (Jamam PHCC-GOAL) however its not possible to confidently say no whether the case was from the host community or from the refugee population.

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

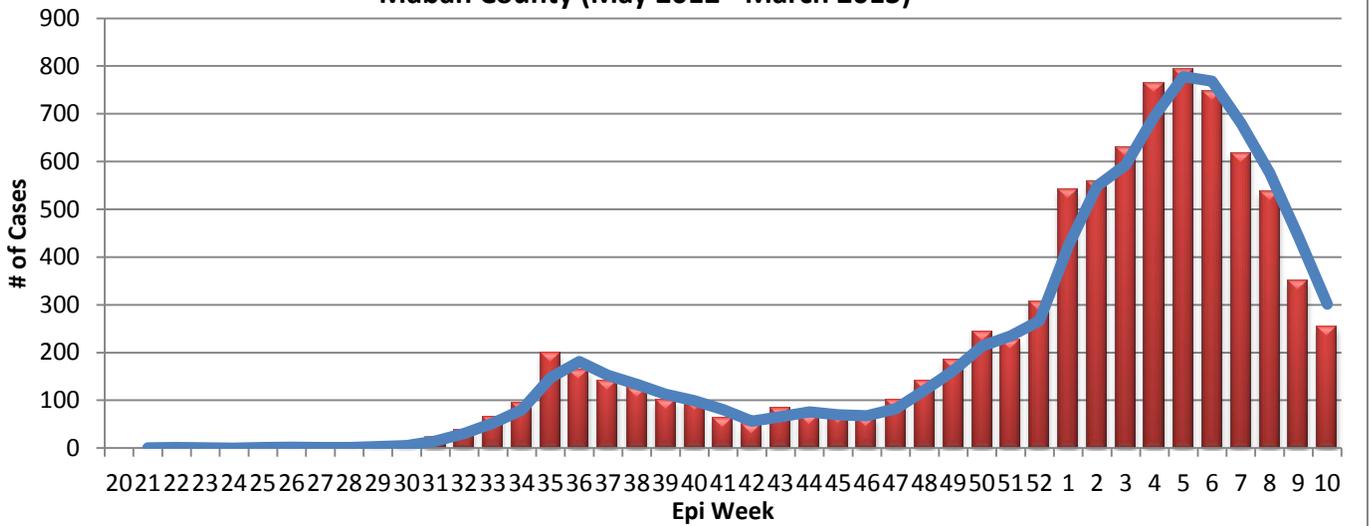
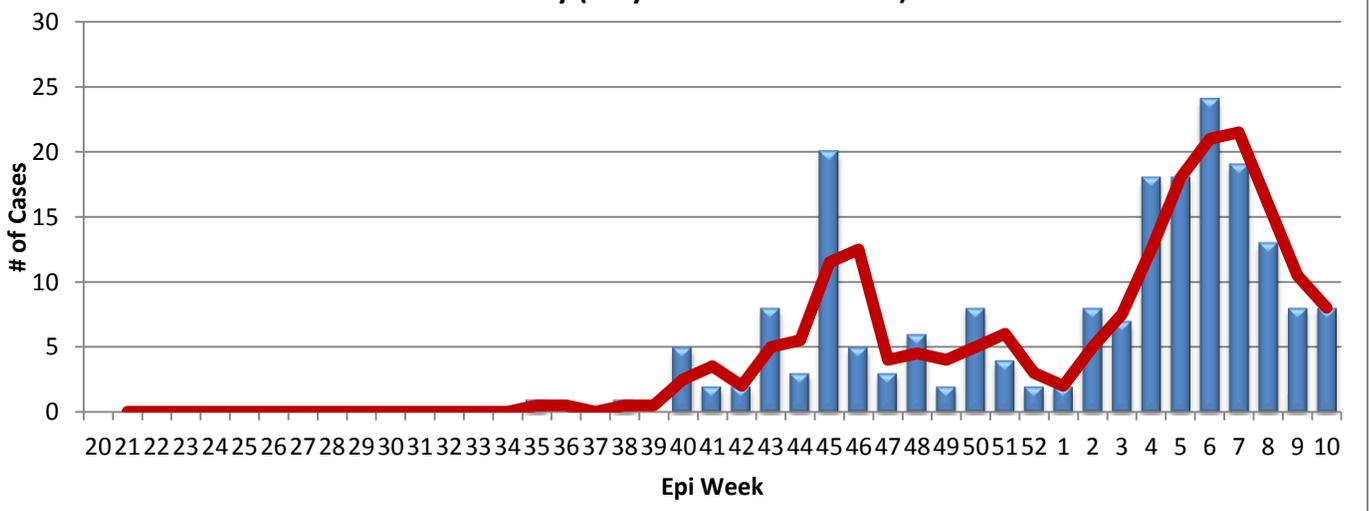


Fig 5: Epi-Curve of Acute Jaundice Syndrome cases in the Refugee camp in Pariang County (May 2012 - March 2013)



Measles: One suspected case of Measles and One meningitis case was reported in Gendrassa camp with no related death. Samples have been collected for laboratory confirmation.

Other Disease: No suspected case of Viral Haemorrhage fever or Influenza like illness was reported during this week.

Table 3: Summary of Priority Diseases in Maban and Yida Refugee camps week 10

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	440	0	338	0	122	0	368	0	1268	0	372	0	372	0	178	0
BD	21	0	8	0	6	0	8	0	43	0	16	0	16	0	38	0
Meningitis	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
Measles	0	0	0	0	1	0	0	0	1	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	14	2	100	3	89	0	50	0	253	5	8	0	8	0	1	0
VHF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malaria	36	0	54	0	43	0	20	0	153	0	47	0	47	0	614	0
Neonatal Tetanus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	511	2	500	3	262	0	446	0	1719	5	443	0	443	0	831	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. **HF**s- Health Facilities, **EPI-Expanded program for immunization**

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