



REFUGEE SURVEILLANCE UPDATE (MABAN AND YIDA)

Epidemiological Weeks 11

11th – 17th March 2013

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 fourth week in a row. (*See list of health facilities in Maban and supporting partners in page 2*). Six out of seven facilities serving the refugees in Maban reported in week 11, while reporting from facilities serving the host communities increased by one this week to 11 out of 15 facilities. New Guffa PHCU reported for the first time in six months when it closed for lack of a health worker.
- All the three health facilities serving Yida refugee camp reported on time this week.
- Like in week 10, Acute watery diarrhea was the leading priority disease recorded in the refugee camps (64%), followed by Malaria (22.3%), and Acute Jaundice Syndrome (13%)
- Three hundred and forty seven (347) suspected Acute Jaundice Syndrome (AJS) cases (or Hepatitis E cases) and seven (7) related deaths were recorded from Maban and Yida. Of the total cases, 96.5% were reported from Maban refugee camps; 2.6% from Yida refugee camp and 0.9% was reported from the host community in Maban. Of these cases from Maban, 41.6% of the cases were reported from Yusuf Batil, followed by Gendrasa (29%), Jamam (22.2%), Doro (3.9%) and (0.9%) from the host community (Jamam PHCC).

The cumulative AJS cases recorded from Maban refugee camps was 8,790 and 150 related deaths, while 206 AJS cases and 8 related deaths were recorded in Yida from the beginning of the outbreak till week 11.

- There was no report of suspected Measles, Meningitis, 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. 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 their functionality varies week by week.

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

FACILITY IN MABAN	WK5	WK6	WK7	WK8	WK9	WK10	WK11
<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>							
<i>Thuaye PHCU MOH</i>		1	1	1	1	1	1
<i>New Guffa PHCU MOH</i>							1
<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>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	14	15	16	17	17	17	17

FACILITIES IN YIDA	Wk5	WK6	WK7	WK8	WK9	WK 10	WK 11
<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	1	3	3	3	1	1	3

Epidemic Prone Disease Reported

Acute Watery Diarrhea (AWD)

A total of 1711 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 62.4% of all reported AWD cases.

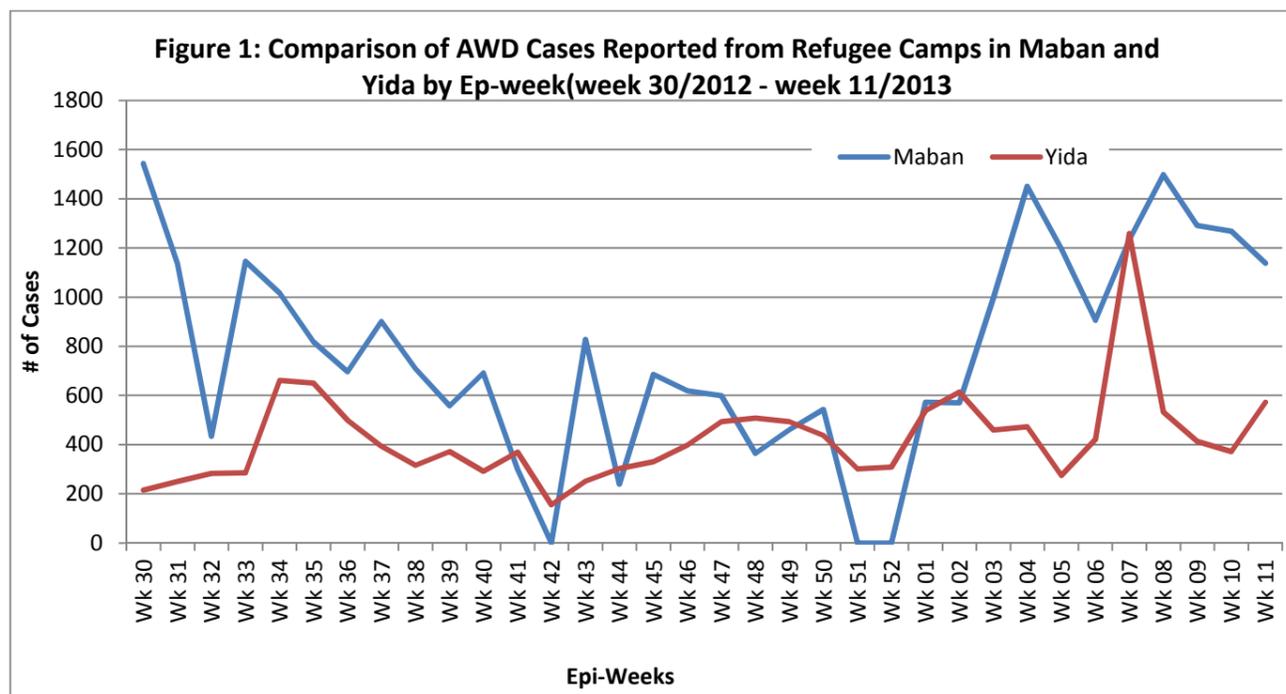


Figure 1 shows a comparison of AWD cases reported by Epi-week in year 2012 -2013 from facilities serving the Refugees in Maban and Yida. The incidence rate of AWD in the camps in Maban County decreased in week 11, while cases recorded in Yida slightly increased. The cases among the Host community in Maban increased to 281 with no related deaths.

Dysentery (ABD)

A total of 101 cases of ABD with no related deaths were reported in week 11 from the refugee camps. Proportion of cases in children below five years decreased to 36% of all reported ABD cases as compared to 41% in week 10.

Silent Facilities: Bunj Hospital, Batil Medair, Genkwata PHCU, Puomki PHCU, Khortumbak PHCU and Baugaya PHCU

Figure 2: Comparison of ABD Cases Reported from Refugee Camps in Maban and Yida by Ep-week(week 30/2012 - week 11/2013)

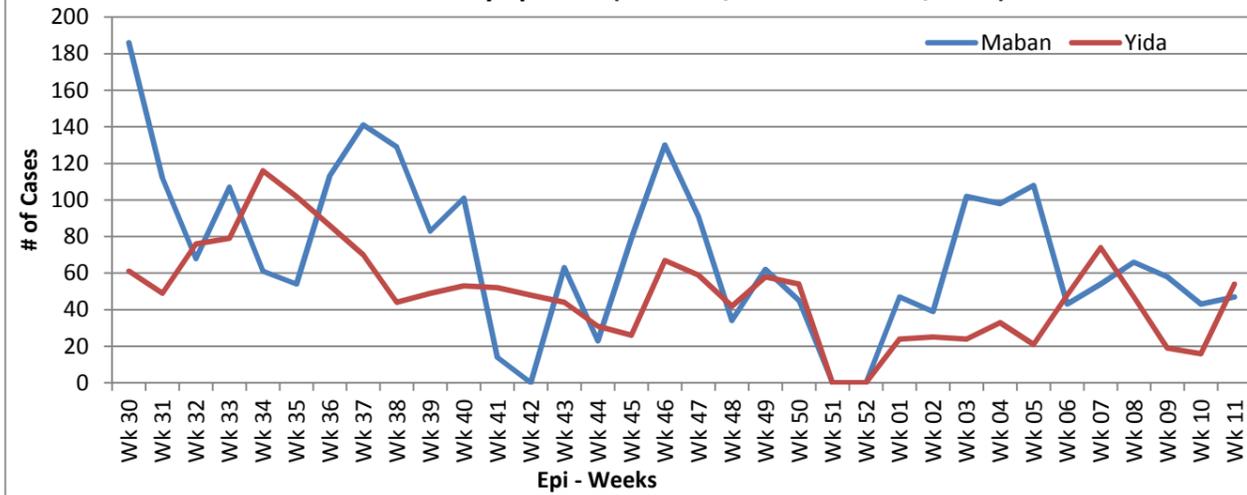
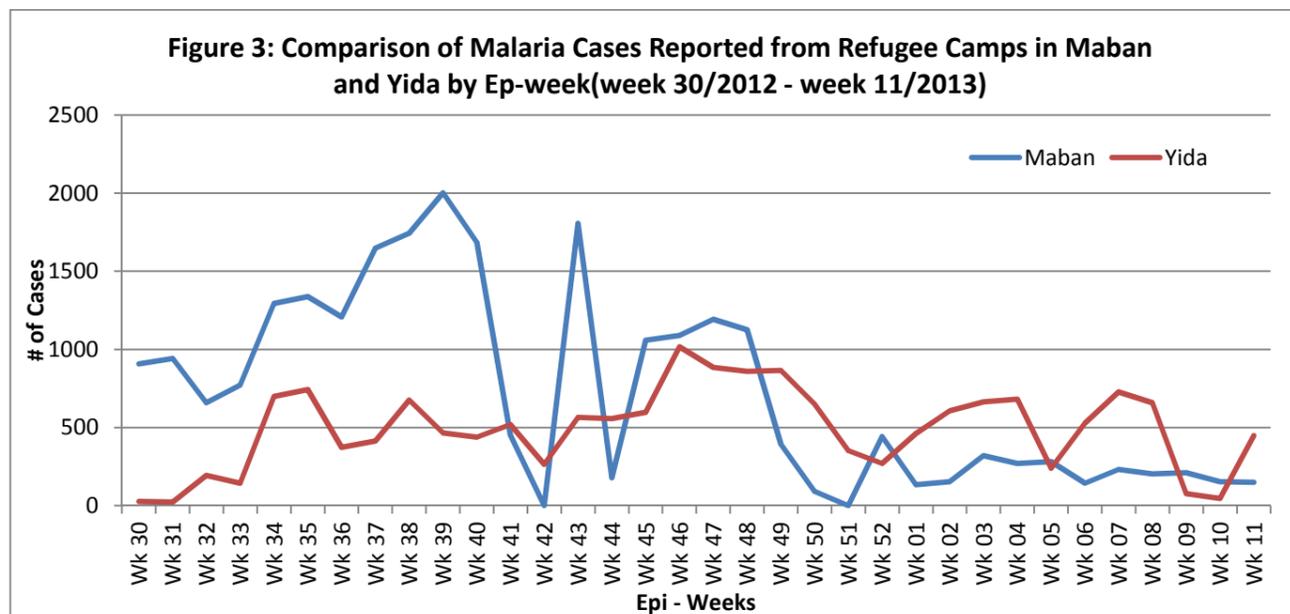


Figure 2 above shows a comparison of ABD cases reported by Epi-week and year 2012 – 2013 in Maban and Yida camps. The ABD trend reported from the refugee camps in Maban and Yida increased slightly this week. The ABD incidence among the host community in Maban increased from 38 in week 10 to 87 cases in week 11, with almost equal numbers among the under five (43) and above five years old (44).

Malaria

A total of 597 malaria cases were reported in week 11 from Yida and Maban refugee camps, with no related deaths. Out of all the cases, 47.6% were reported in children below five years of age. Malaria incidence rate in children decreased in week 11 compared to 58% in week 10. In Maban County, 448 cases of malaria with no related deaths were reported from facilities serving the host community. The incidence rate in the host community decreased as well.

Figure 3 below shows comparison of the incidence of malaria in Maban and Yida from Epi-week 30-52 (2012) to Epi-week 1-11 (2013).



Acute Jaundice Syndrome (AJS)

A total of three hundred and forty nine (347) suspected Acute Jaundice Syndrome (AJS) cases (or Hepatitis E cases) and seven (7) related deaths were recorded from Maban and Yida in week 11. As has been the trend for the past one month, 96.5% 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, one Jamam camp and another two from Yida. As shown figure 4 and 5, a cumulative AJS cases recorded from Maban refugee camps was 8,790 and 150 related deaths, while 206 AJS cases and 8 related deaths were recorded in Yida from the beginning of the outbreak till week 11. New cases recorded in Maban refugee camps continued to decline for the fifty week as compared to the previous weeks, although there was an increase of cases on week 11 as compared to week 10. Compared to week 10, cases from Gendrassa accounted for 28.2% of the total cases as compared to 35% in week 10. Generally there is a marked decline of cases from Batil camp which for over two months has been contributing more than half of the new cases and 70% of the deaths.

This week three cases were reported from a facility serving the host community (Jamam PHCC supported by GOAL). This brings the number of cases to 4 in two weeks. Follow up visits are being made to ascertain the actual origin of the cases and to conduct active search for more possible cases in the community.

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

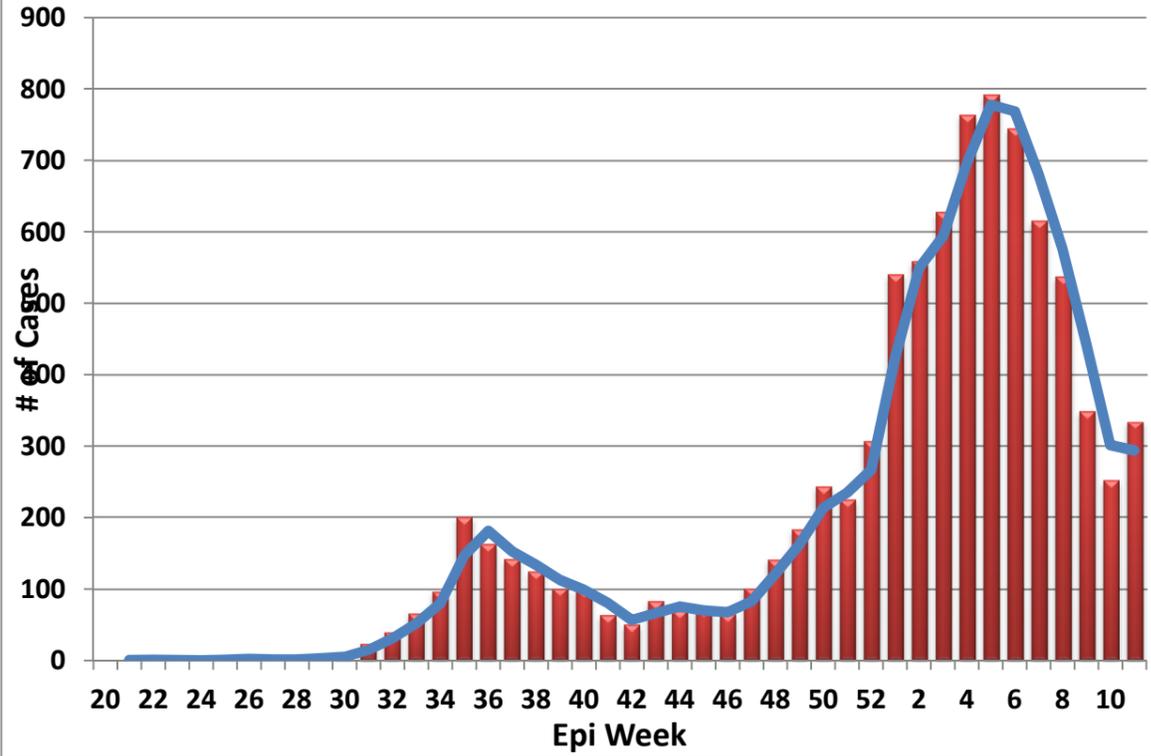
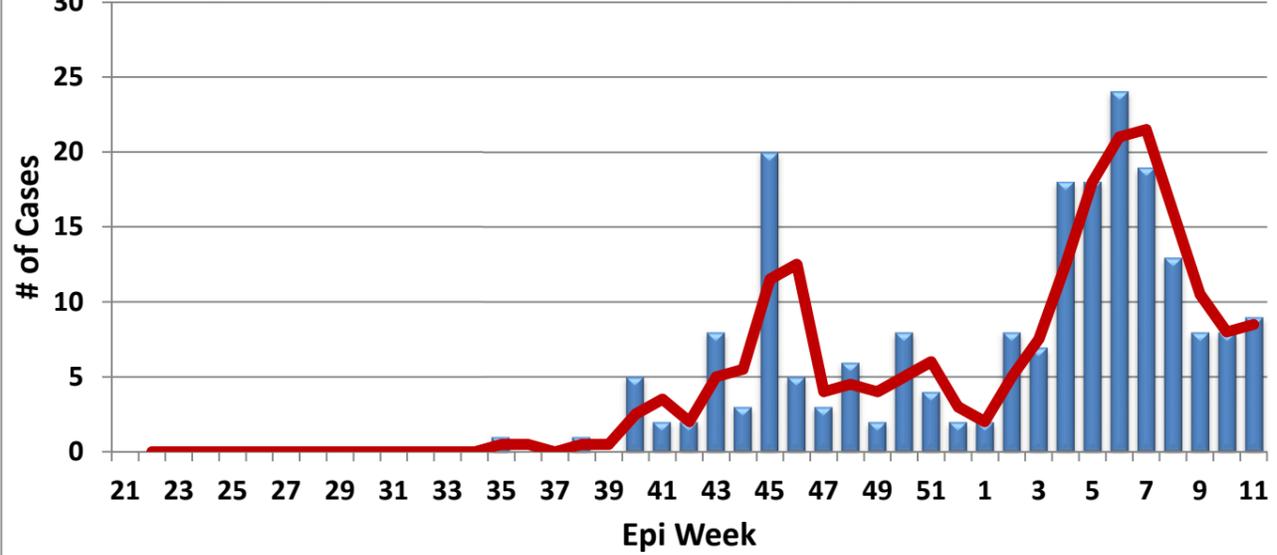


Figure 5: Epi-curve of AJS/HEV cases in Yida camp (September 2012 - March 2013)



Other Disease: No suspected case of Measles, Meningitis, Viral Hemorrhagic fever or Influenza like illness was reported during this week.

Table 3: Summary of Priority Diseases in Maban and Yida Refugee camps week 11

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	476	0	266	0	114	0	282	0	1138	0	361	0	573	0	284	0
BD	19	0	4	0	16	0	8	0	47	0	19	0	54	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	1	149	3	98	0	75	1	335	5	9	2	9	2	3	0
VHF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malaria	51	0	47	0	21	0	30	0	149	0	80	0	448	0	611	0
Neonatal Tetanus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	559	1	468	3	249	0	395	1	1671	5	469	2	1084	2	985	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; E-mail: outbreak_ss_2007@yahoo.com, HF radio frequency: 8015 USP; CELL CALL: 7002



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