

UPDATE OF HEPATITIS E EPIDEMIC IN KITGUM DISTRICT, 23rd AUGUST 2009.

Table 1: Statistic of Hepatitis E Cases

Sub-County	New Cases	Cumulative Cases	New Death	Cumulative Deaths	CFR
Agoro	1	2,115	0	30	1.4
Padibe East	0	1071	0	8	0.8
Padibe West	0	885	0	7	0.8
Paloga	0	1,447	0	16	1.1
Mucwini	3	1,509	0	26	1.8
Madi-Opei	0	1,113	0	28	2.5
Lokung	0	598	1	17	2.6
Layamo	0	459	0	3	0.7
Kitgum T/C	1	293	0	4	1.5
Orom	0	125	0	4	3.2
Kitgum Matidi	3	245	0	4	1.8
Akwang	0	127	0	2	1.7
Namukora		106		4	4.2
Omiya Anyima	1	75	0	0	0
Palabek Gem	2	89	0	3	4.3
Amida	1	79	0	1	1.6
Lagoro	0	40	0	1	2.6
Palabek Kal	0	5	0	0	0
Palabek Ogili	0	1	0	0	0
Acholi bur/Pajule* [Pader]	0	25	0	0	0
South Sudan**	0	18	0	2	11.1
Total	12	10,409	1	166	1.6%

* Cases coming from outside Kitgum

** Cases coming from outside Uganda

Highlights

- A total of 12 new cases of Hepatitis E were registered in Epi week 34, 2009; reflecting 45% reduction in number of cases reported compared to 20 the previous week. This brings the cumulative number of cases to 10,408 since the onset of the epidemic in October 2007.
- There was one death registered in Epi weeks 34; hence the cumulative death is 166 with a CFR of 1.6%.
- The sub counties that registered most cases in Epi week 34, 2009 are; Kitgum Matidi [3]; Mucwini [3]; Palabek Gem [2]; Kitgum Town council [1]; Omiya Anyima [1]; Agoro/Potika [1]; Amida [1].

DESCRIPTIVE HEPATITIS E EPIDEMIOLOGY IN KITGUM DISTRICT 2009

1.1 Epidemic Trend

The Epi curve in fig 1 below demonstrates that the continued decline in the epidemic, since Epi week 27 the number of hepatitis E cases has continued to go down. This is clearly illustrated in the weekly incidence (fig. 2).

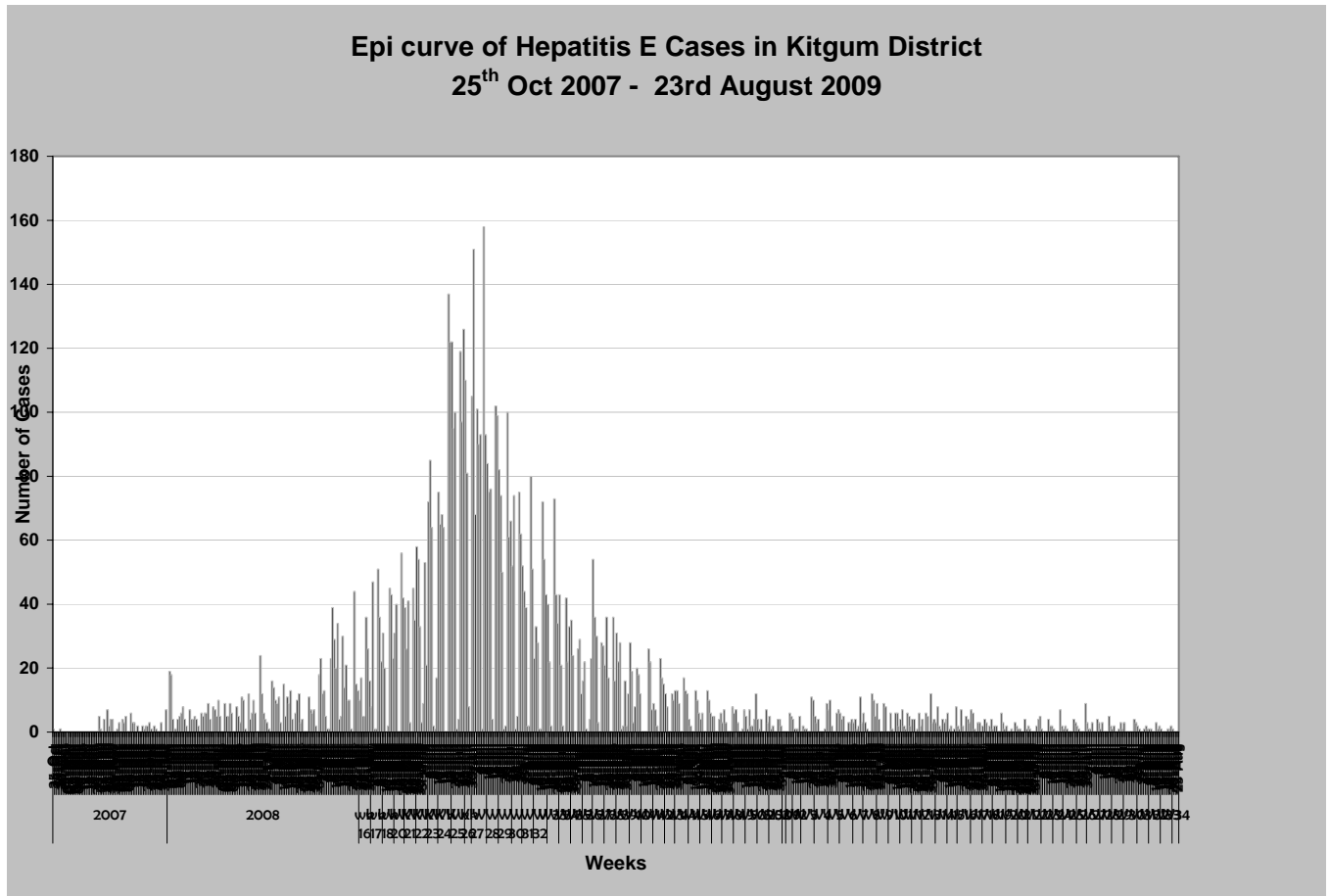


Figure 1

Weekly Incidence of HEV Outbreak in Kitgum District,
October 2007 - 23th August 2009

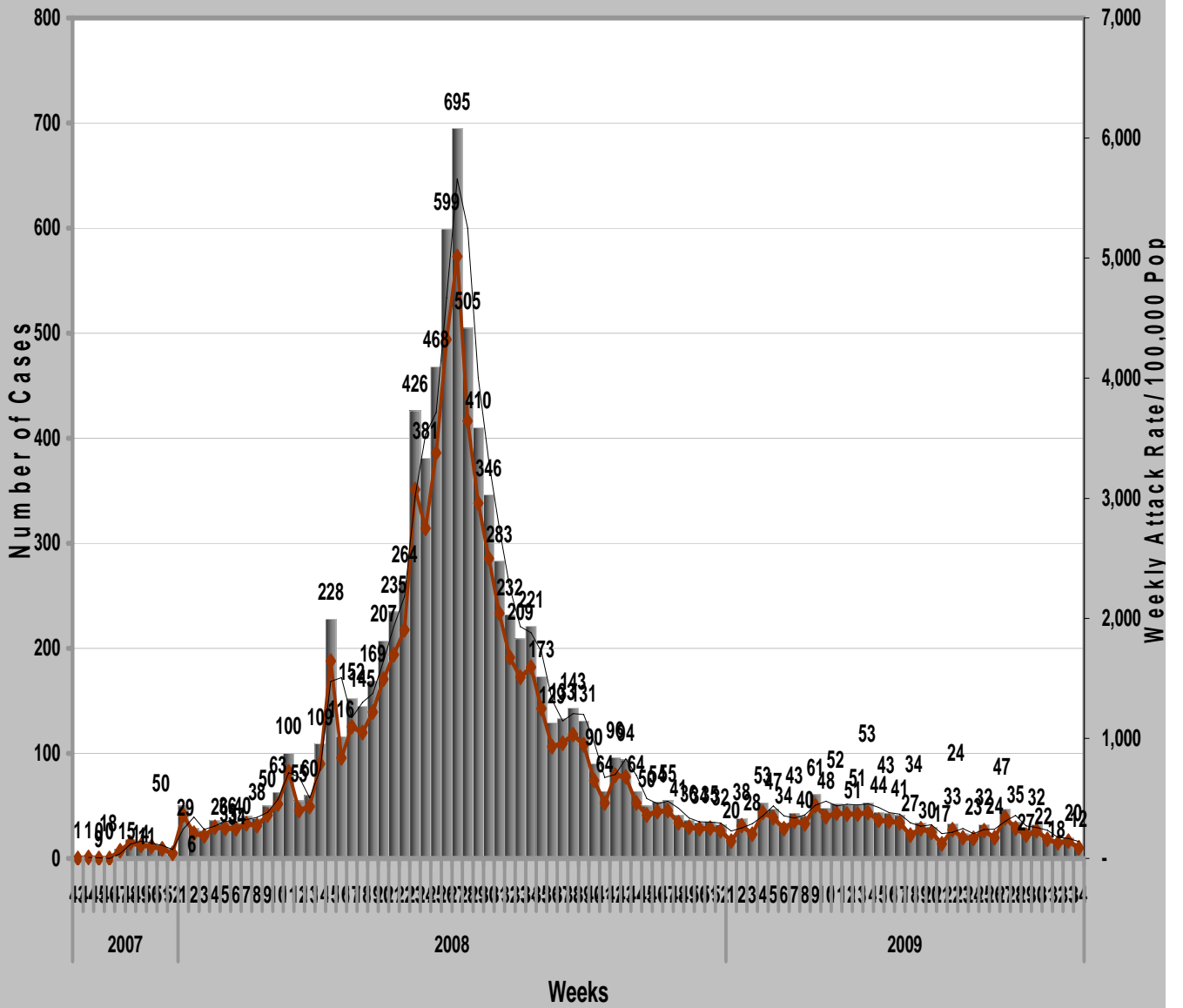


Fig 2

Weekly IncidenceCurve for HEV in Kitgum 2009

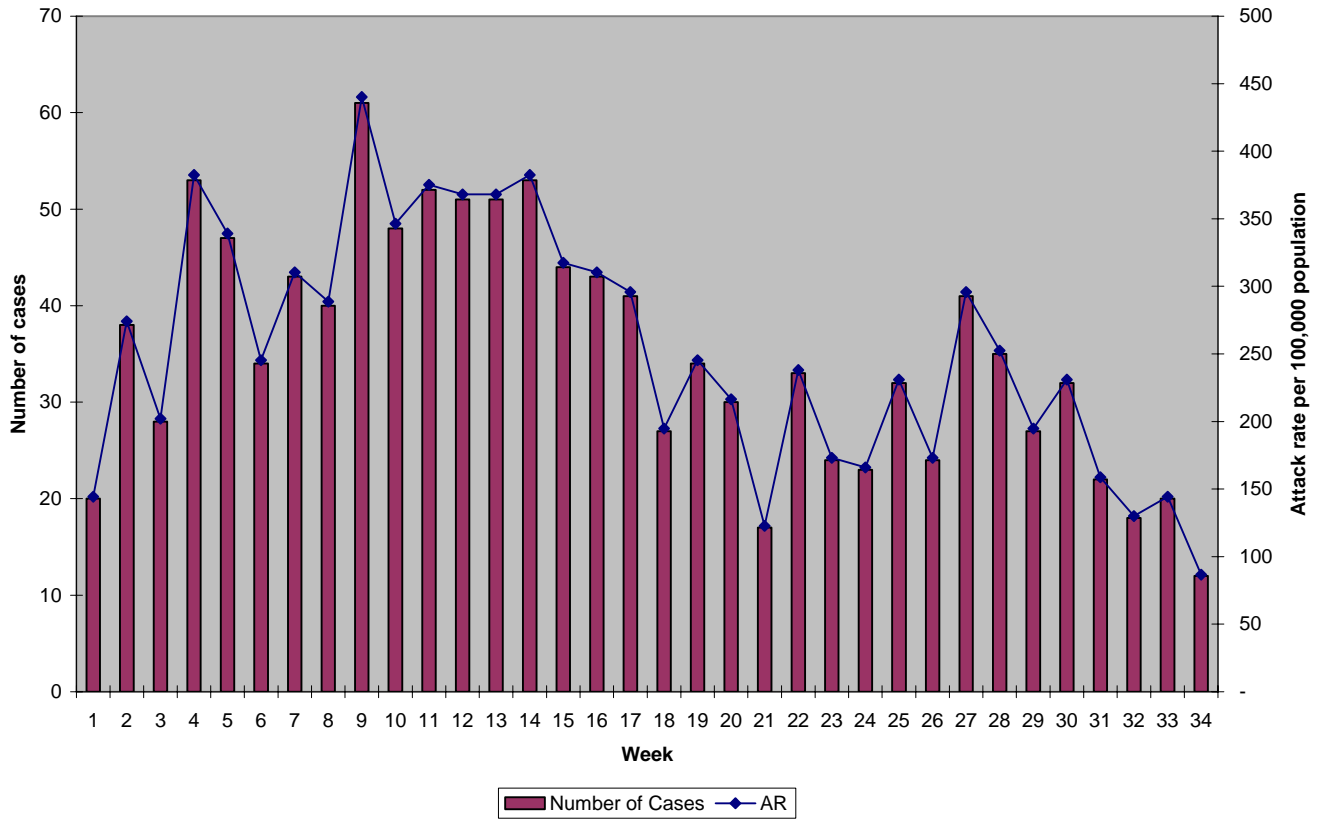


Fig. 3

1.2 Distribution of Cases by Sub-county

Figure 4 illustrates the burden of the disease by sub-county; with Agoro, Paloga; Mucwini and Madi Opei being the most affected in that order.

Distribution of Hepatitis E Cases by Sub-county, 23rd August 2009

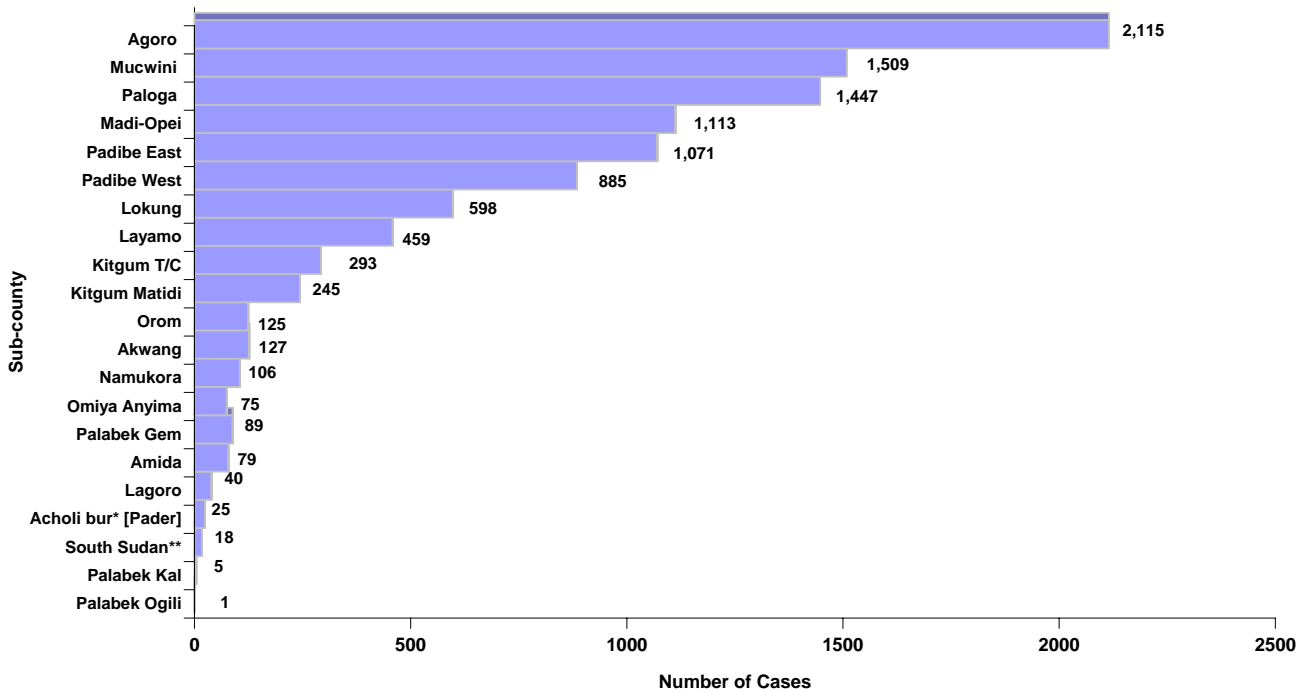


Figure 4

1.3 Distribution of Hepatitis E cases by Age and Gender

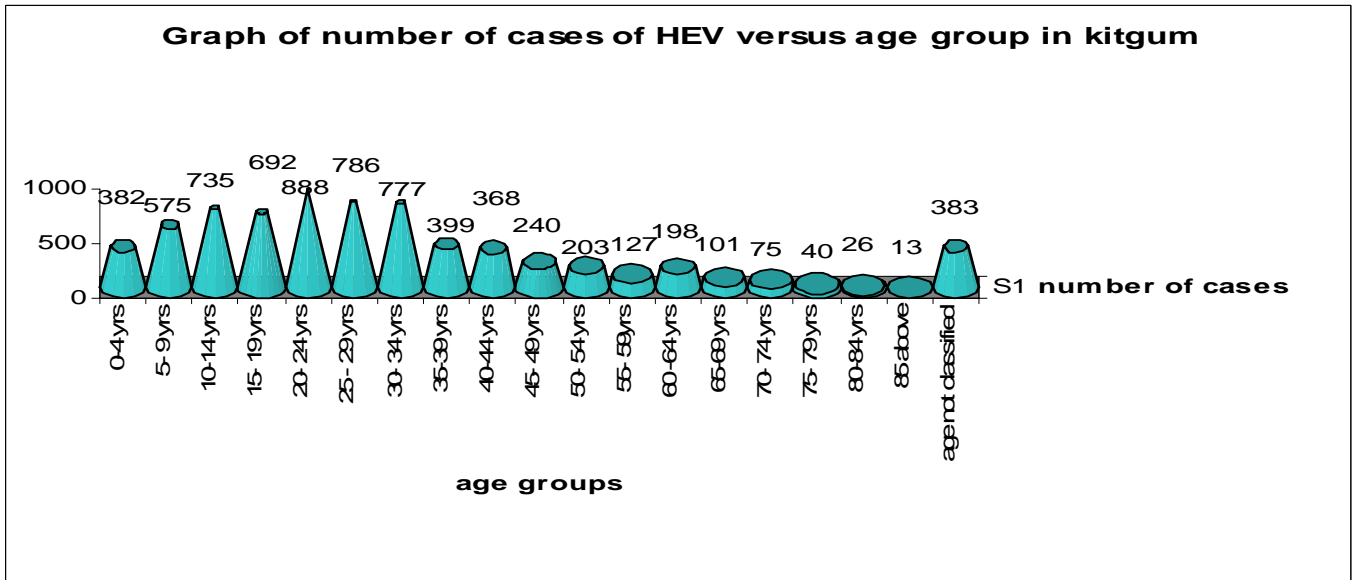


Fig 5

➤ The most affected age group according to fig 5 is between 10-44 years with peak at 20-24 years. Meanwhile, of the registered cases of Hepatitis E 62% are females and of the established deaths 72% are female.

SUB COUNTY TRENDS OF HEPATITIS E IN KITGUM DISTRICT

1. Madi Opei: The weekly incidence curve of Madi opei [Fig 6 below] shows a trend of hepatitis E cases in the sub county;

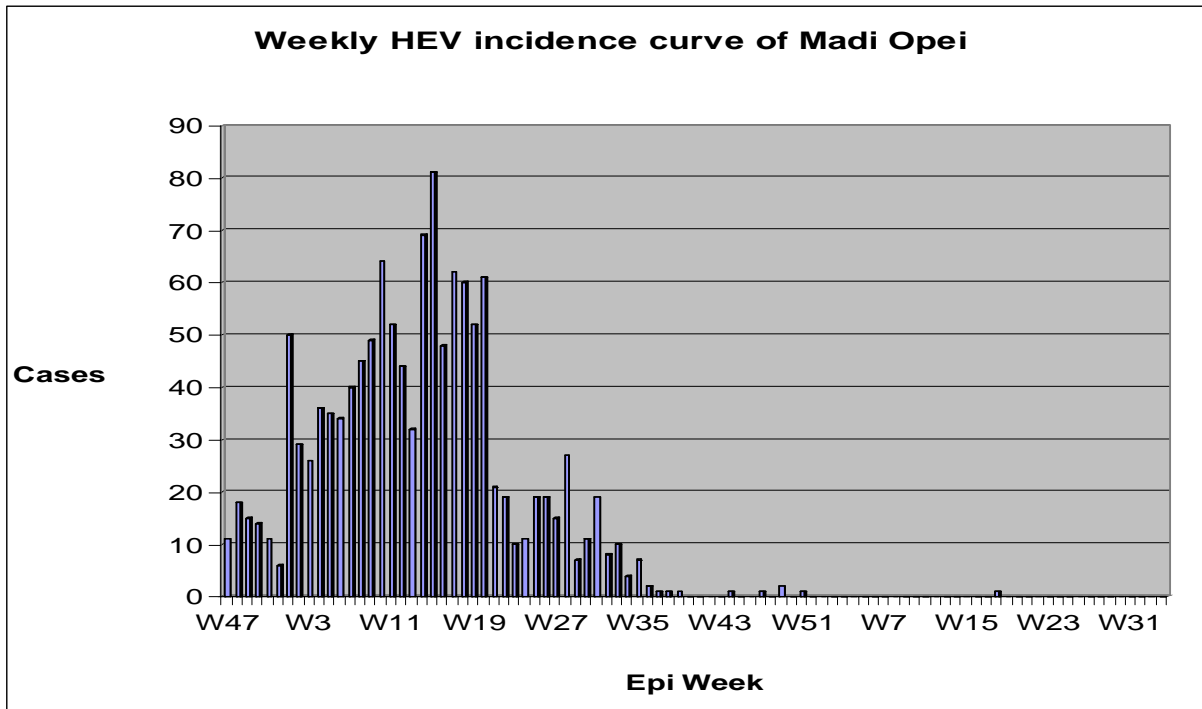


Figure 6

2. Agoro Sub County

Figure 7 show a reduction in the epidemic trend in Agoro sub-county.

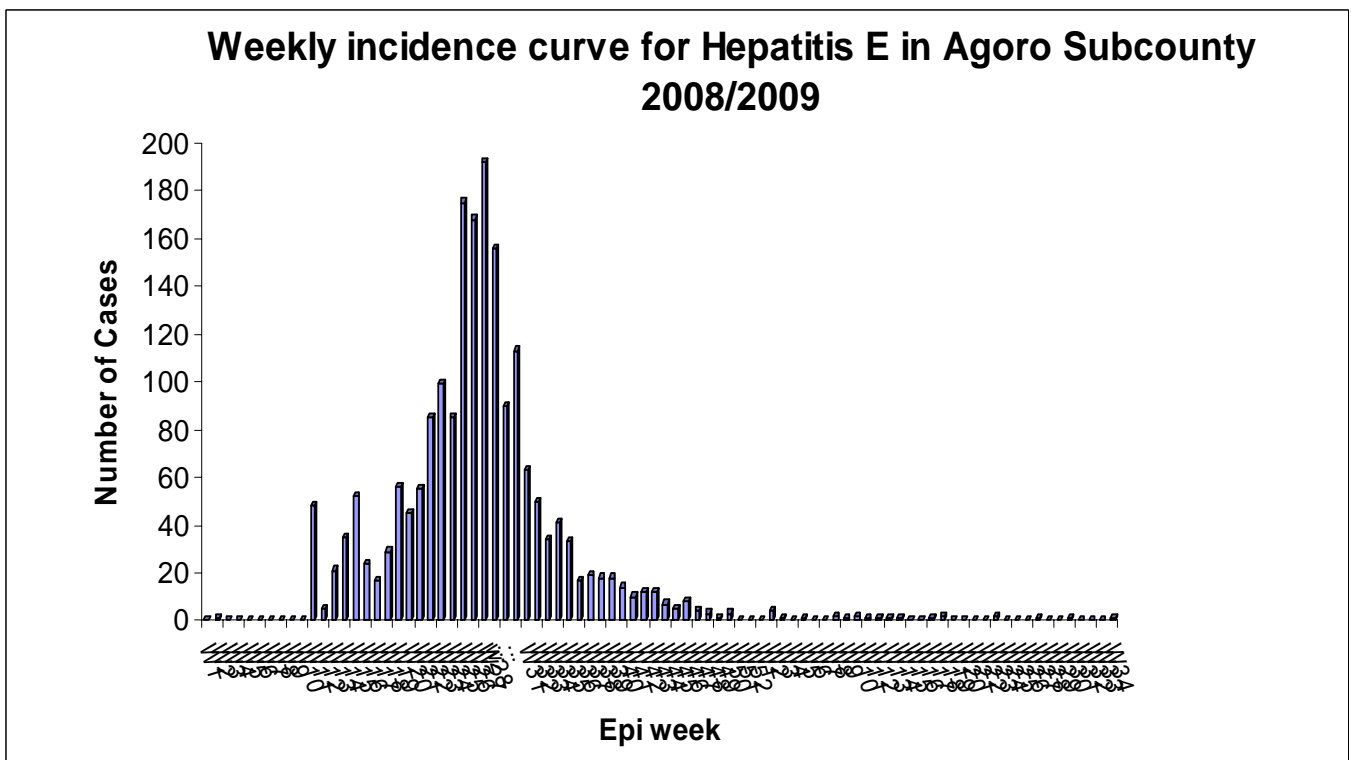


Figure 7

3. Paloga sub county

Fig. 8 shows the trend of hepatitis E in Paloga Sub County.

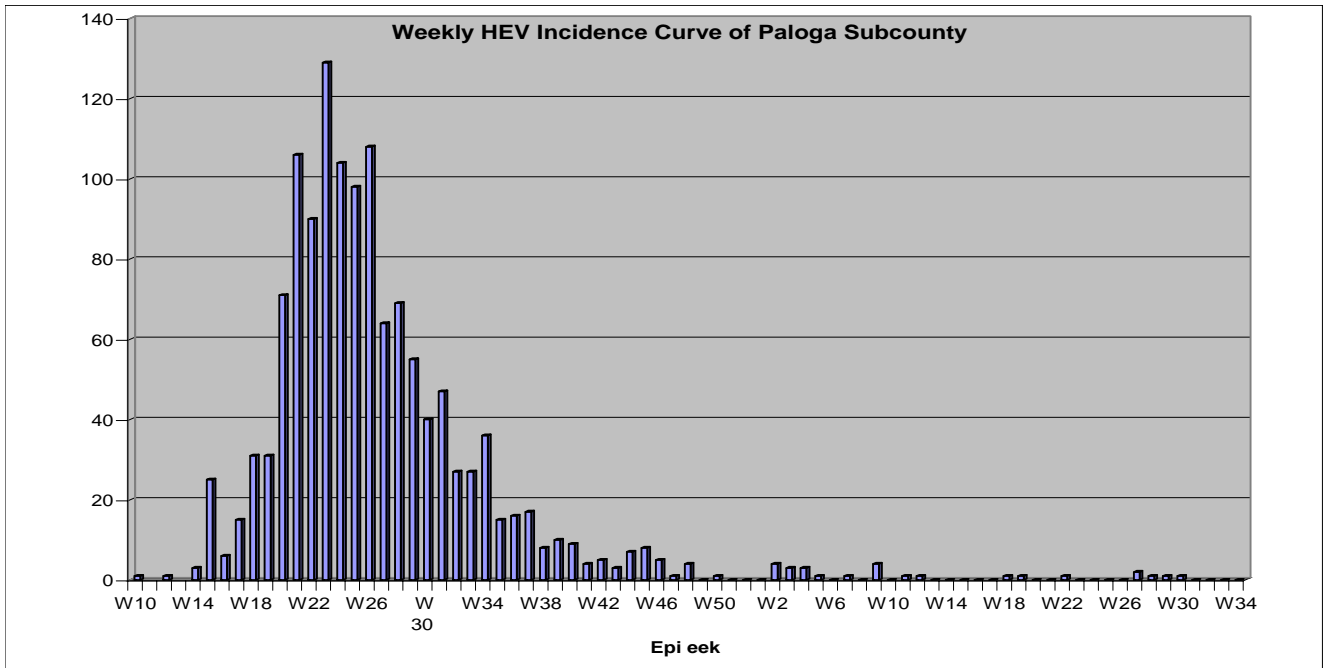


Figure 8

4. Padibe Sub Counties (Padibe East and West)

Figure 9. Show the trend of HEV in Padibe East and West. Five cases reported in Padibe west and three cases reported in Padibe East Sub County. This bring the total number of eight

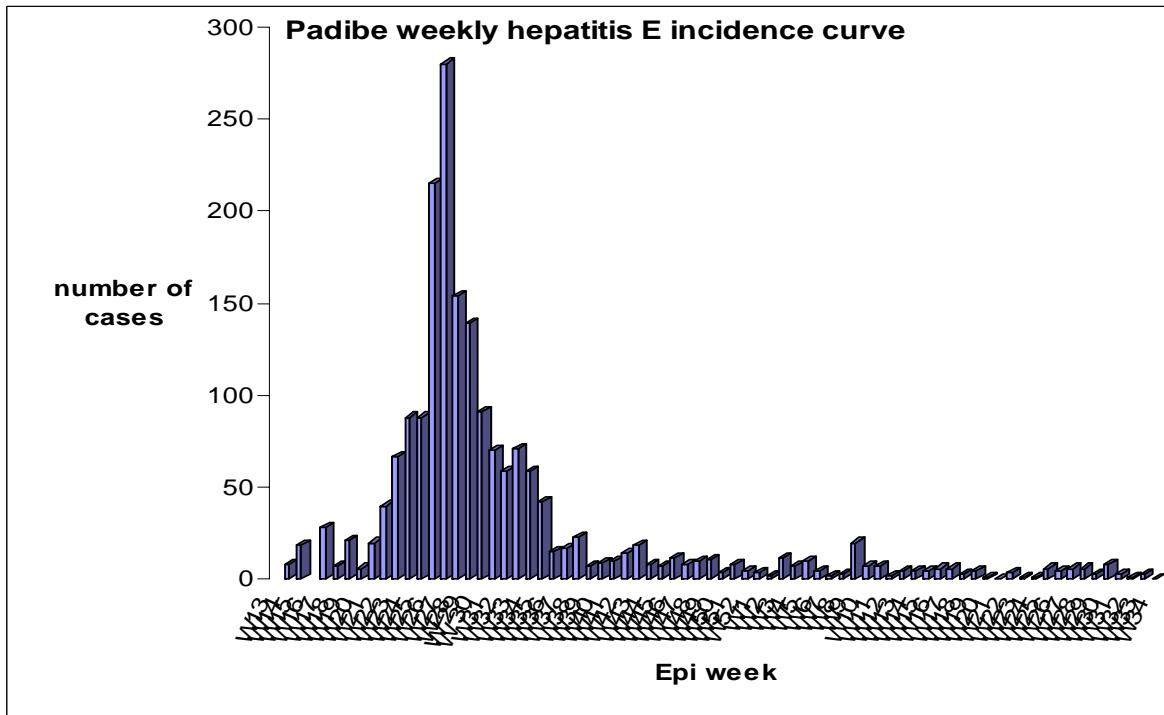


Fig 9

5. Mucwini:

Figure 10. Show the trends of HEV in Mucwini Sub County.

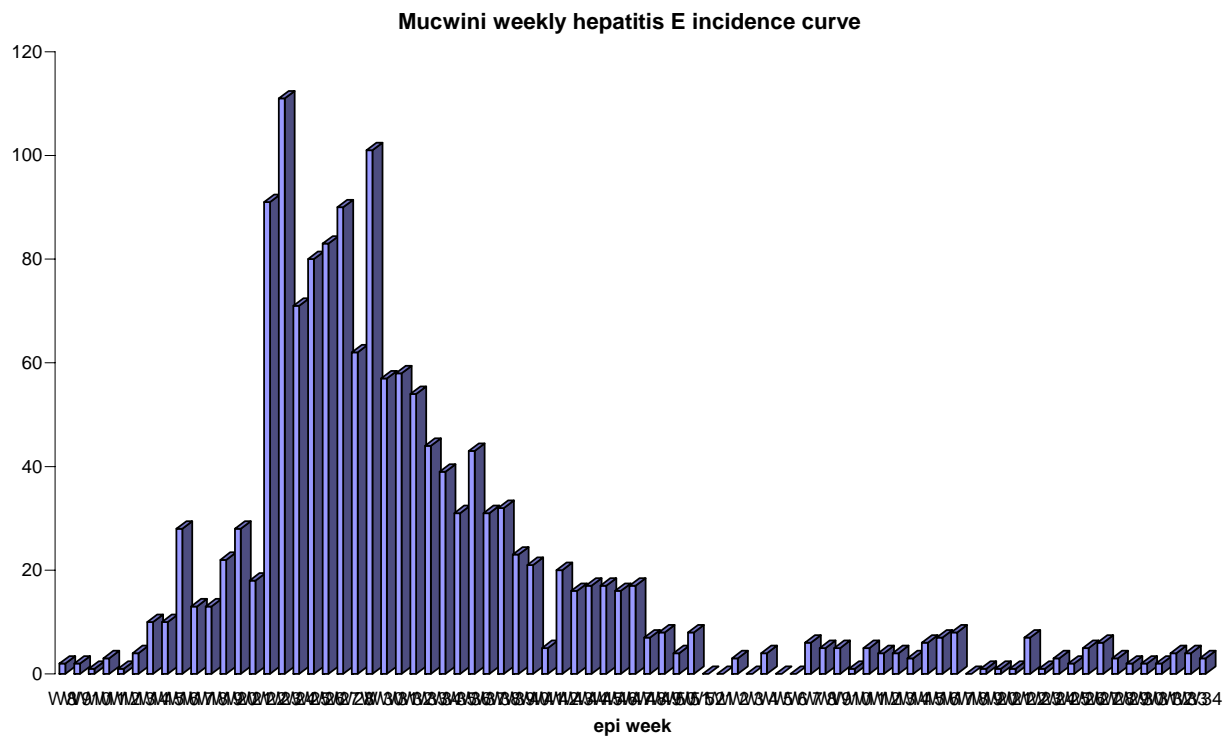


Fig 10

6. Layamo Sub County

Figure 11, below show the fluctuating trend of HEV cases in Layamo Sub-county.

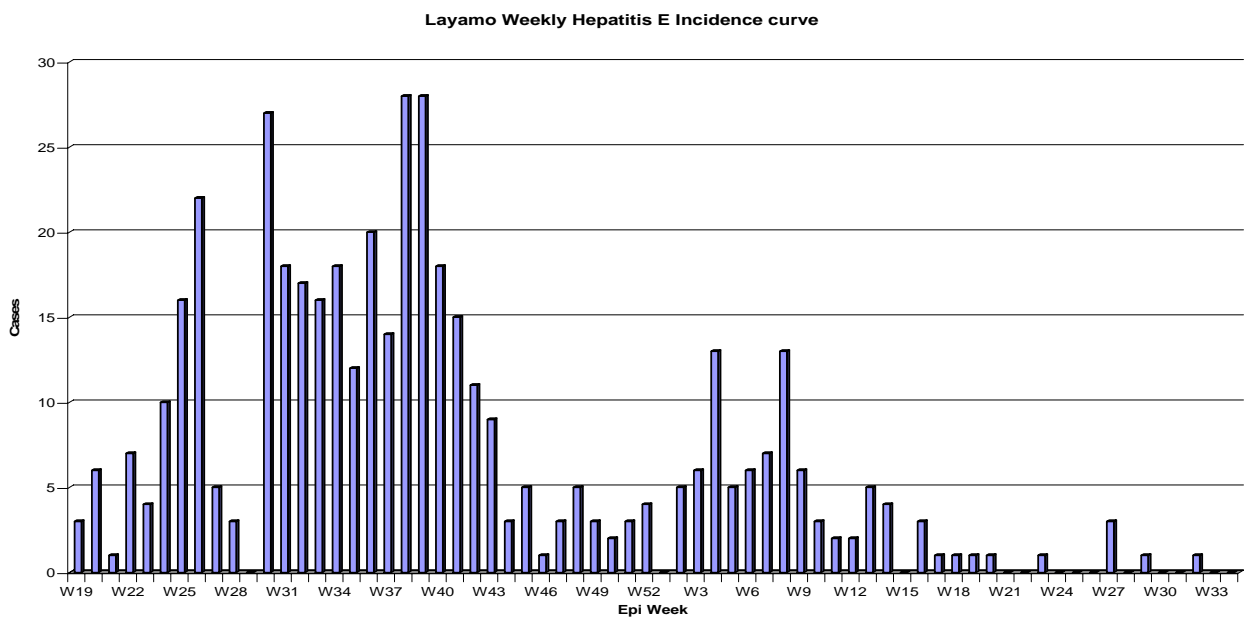


Fig 11

Lokung Sub County

Fig. 12 below Show HEV trend in Lokung Sub County.

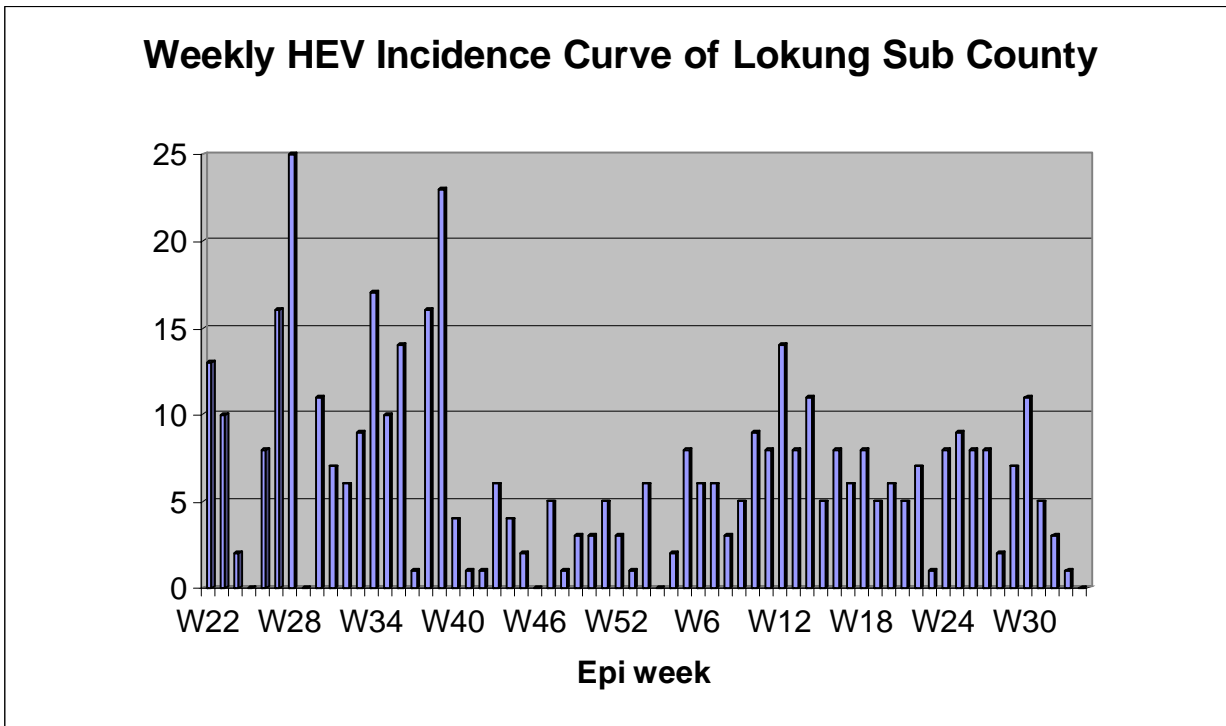


Fig.12

HMIS KDLG & WHO-KITGUM FIELD OFFICE