

UPDATE OF HEPATITIS E EPIDEMIC IN KITGUM DISTRICT, 10th November 2008.

Table 1: Statistic of Hepatitis E Cases

Sub-County	New Cases	Cumulative Cases	New Death	Cumulative Deaths	CFR
Agoro	5	2,073		29	1.4
Padibe E/W	7	1,735	0	13	0.8
Paloga	8	1,410	0	16	1.2
Mucwini	16	1,338	0	20	1.7
Madi-Opei	0	1,108	0	28	2.5
Lokung	2	380	0	9	1.8
Layamo	5	337	0	2	1.1
Kitgum T/C	0	157	0	3	4.3
Orom	0	117	0	4	4.3
Kitgum Matidi	4	111	0	0	0
Akwang	0	42	0	1	2.4
Namukora	0	35	0	3	13
Omiya Anyima	0	15	0	0	0
Palabek Gem	0	12	0	1	14.3
Amida	0	10	0	1	1
Lagoro	0	10	0	0	0
Palabek Kal	0	3	0	0	0
Palabek Ogili	0	1	0	0	0
Acholi bur* [Pader]	1	10	0	0	0
South Sudan**	0	17	0	2	11.8
Total	48	8921	0	132	1.5%

* Cases coming from outside Kitgum

**Cases coming from outside Uganda

Highlights

- A total of 46 new cases of Hepatitis E were registered in Epi week 45; reflecting a 28% reduction in the number of cases compared to 64 cases reported in the previous week. This brings the cumulative number of cases to 8,919 since the onset of the epidemic in October 2007.
- The district task force held a one year review meeting with sub county task forces, environmental staff, politicians agencies and all stakeholder to chat away forward
- No new death was registered in Epi weeks 45; hence the cumulative death is 132 with a CFR of 1.5%.
- The sub counties that registered most cases in Epi week 45 are: Mucwini [14], Padibe E/W [7], Agoro (Potika Camp) [5], Layamo [5] and Lokung [2].

DESCRIPTIVE HEPATITIS E EPIDEMIOLOGY IN KITGUM DISTRICT 2008

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). The continued tempering of the epidemic curve is an indication that the control measures put on the ground are working but though slowly.

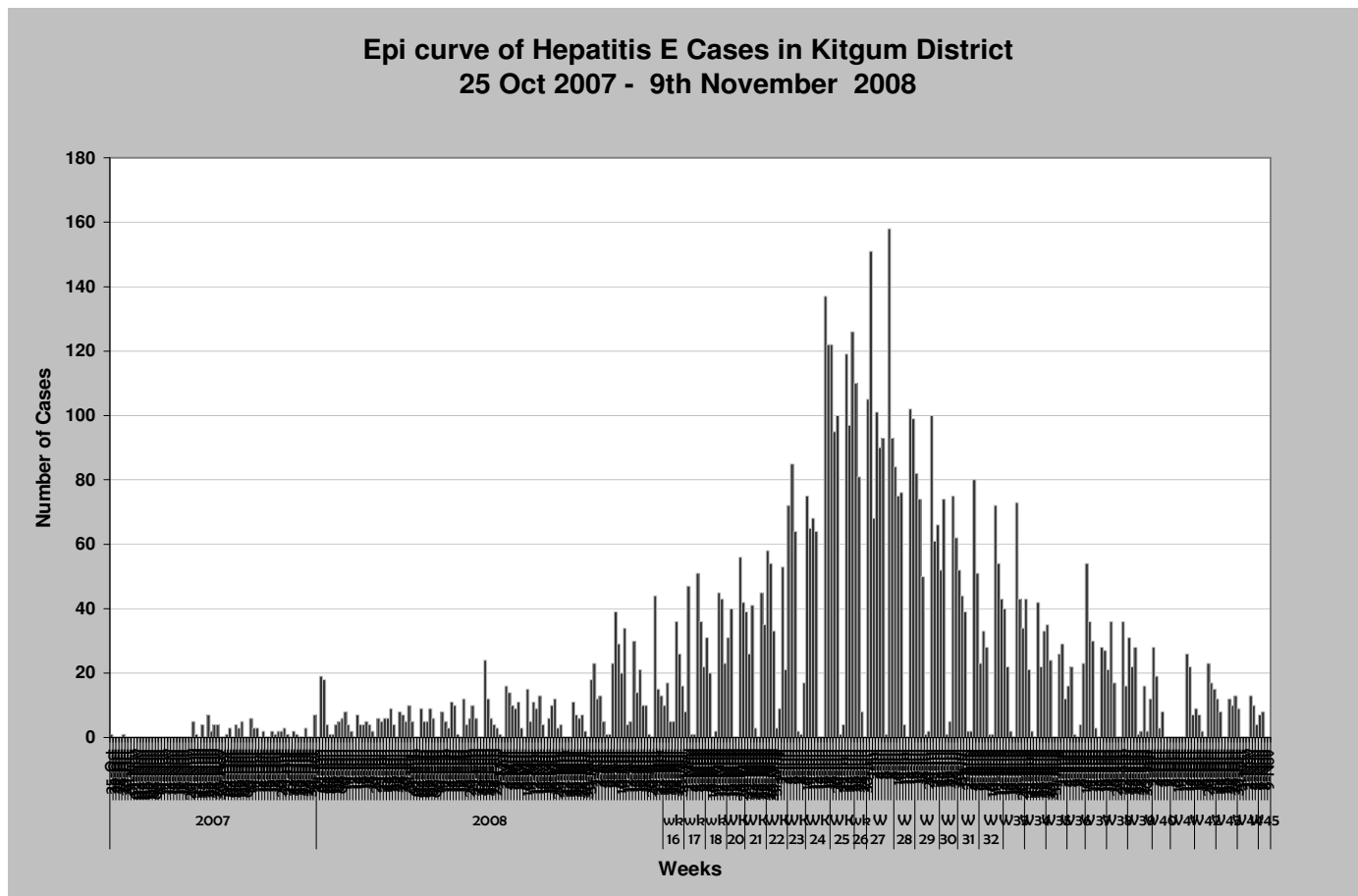


Figure 1

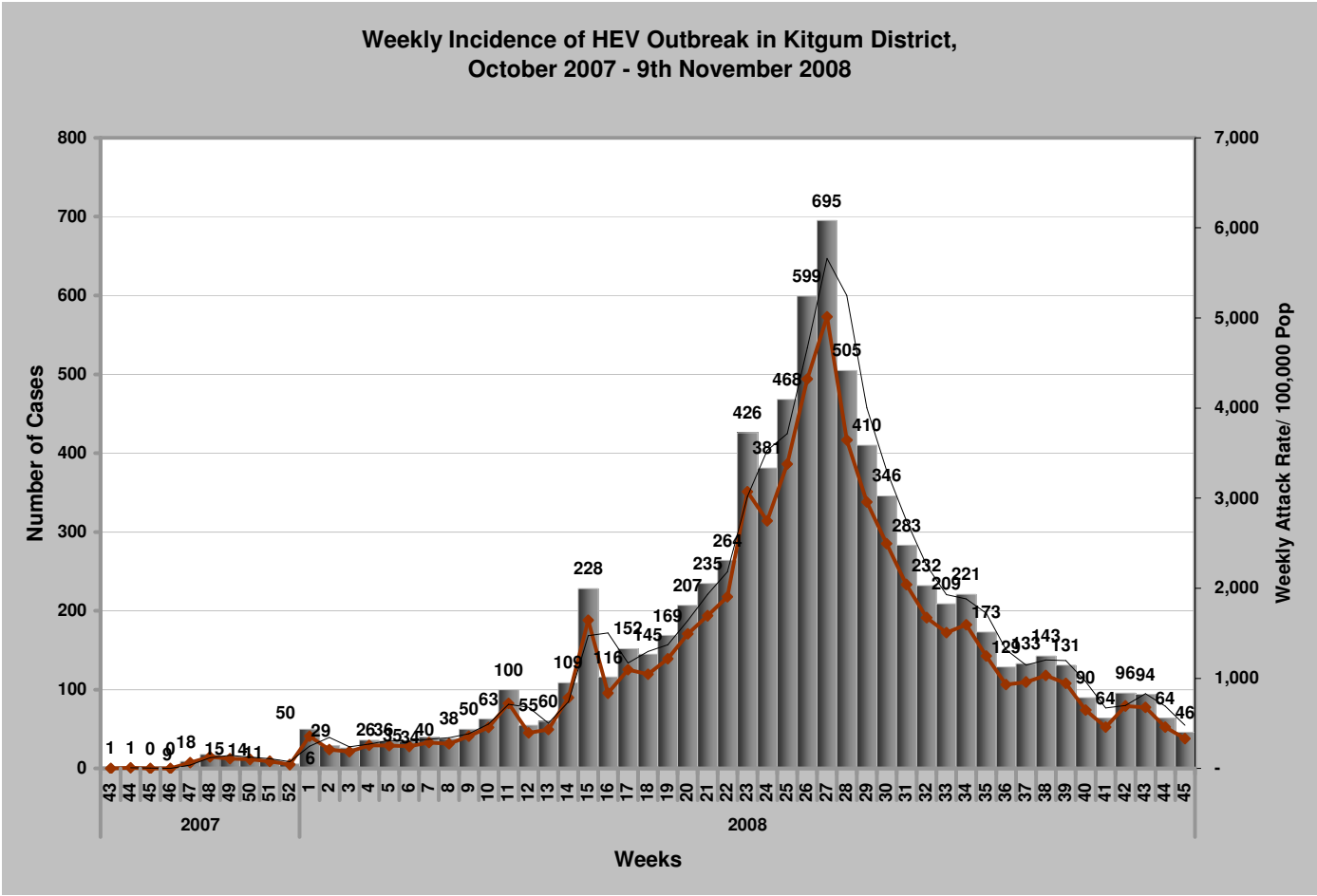


Fig 2

1.2 Distribution of Cases by Sub-county

Figure 3 illustrates the burden of the disease by sub-county; with Agoro, Padibe E/W; Paloga; Mucwini and Madi Opei being the most affected in that order.

Distribution of Hepatitis E Cases by Sub-county, 9th November 2008

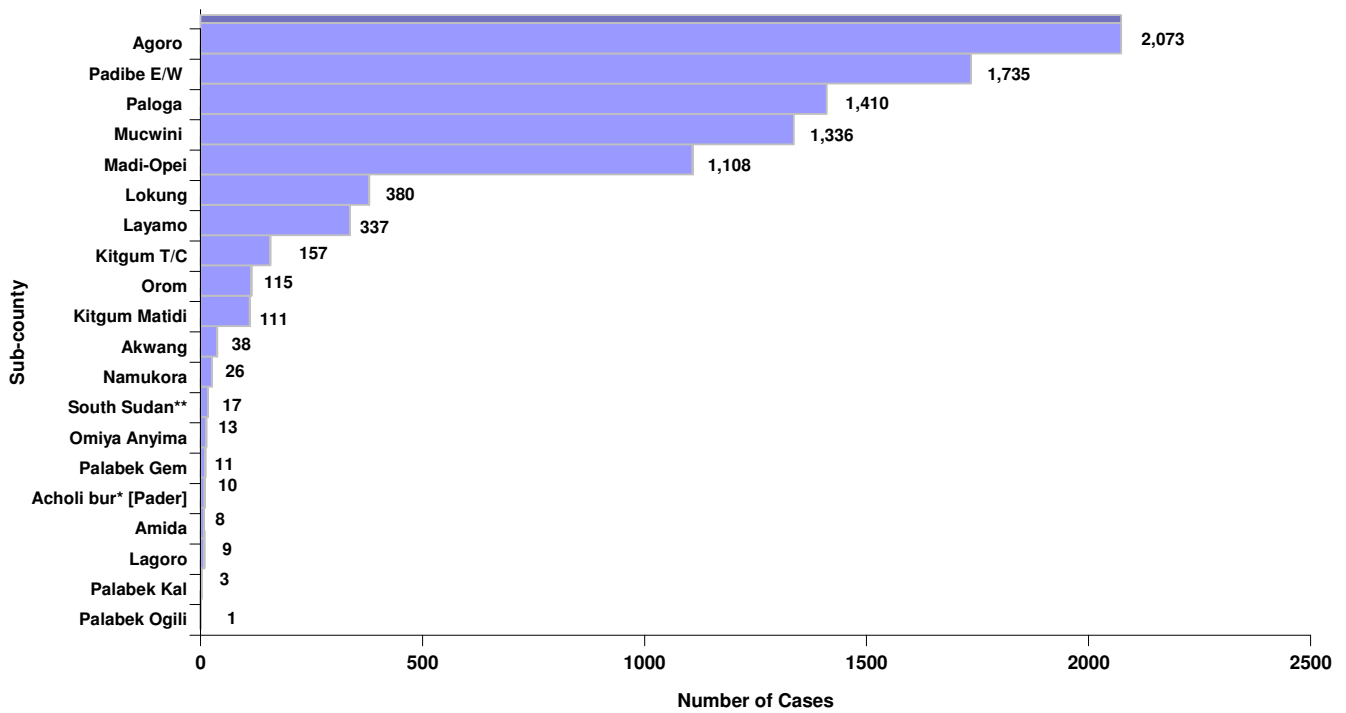


Figure 3

1.3 Distribution of Hepatitis E cases by Age and Gender

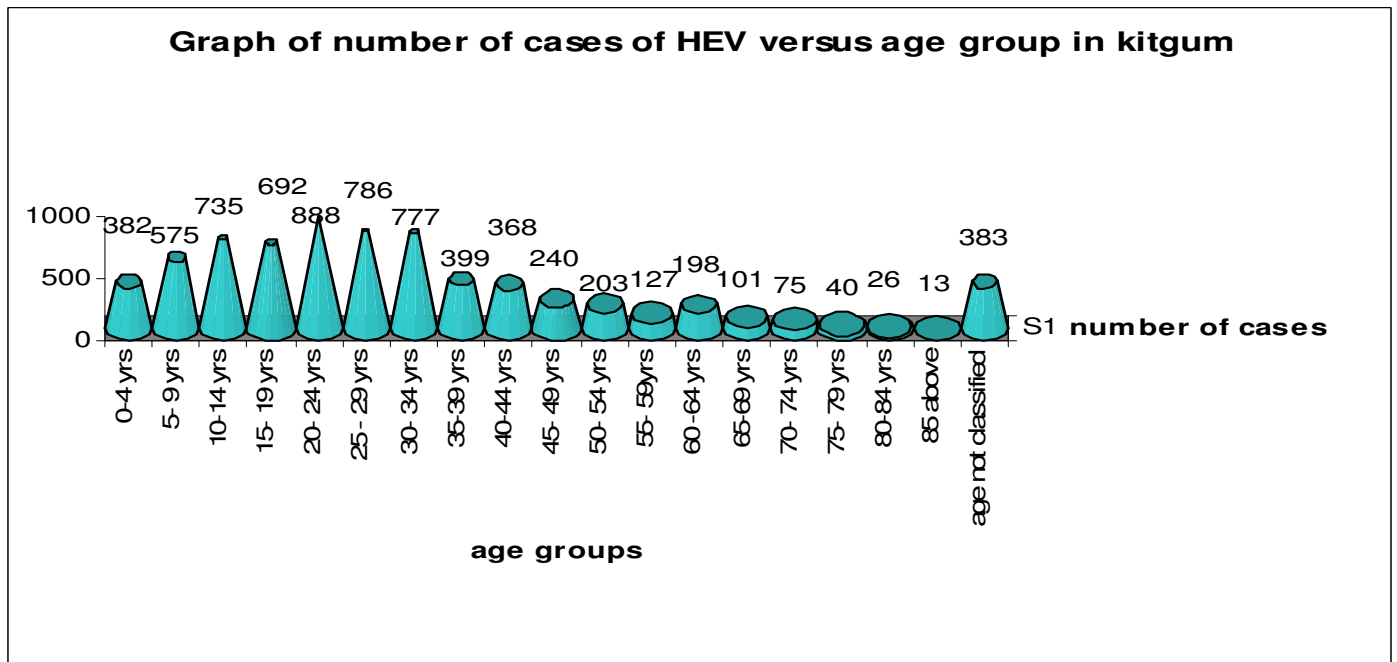


Fig 4

- The most affected age group according to fig 4 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 5 below] shows a reducing trend of hepatitis E cases in the sub county, Within the last 5 Epi weeks one case was reported, this being the epi center it clearly demonstrates hat it takes to bring down the cases to zero as most resources was put here by all agencies but it has taken a year to record no case. It is now critical at this stage for developmental activities to replace the emergency interventions and consolidate the enhancement of hygiene and sanitation status of the community.

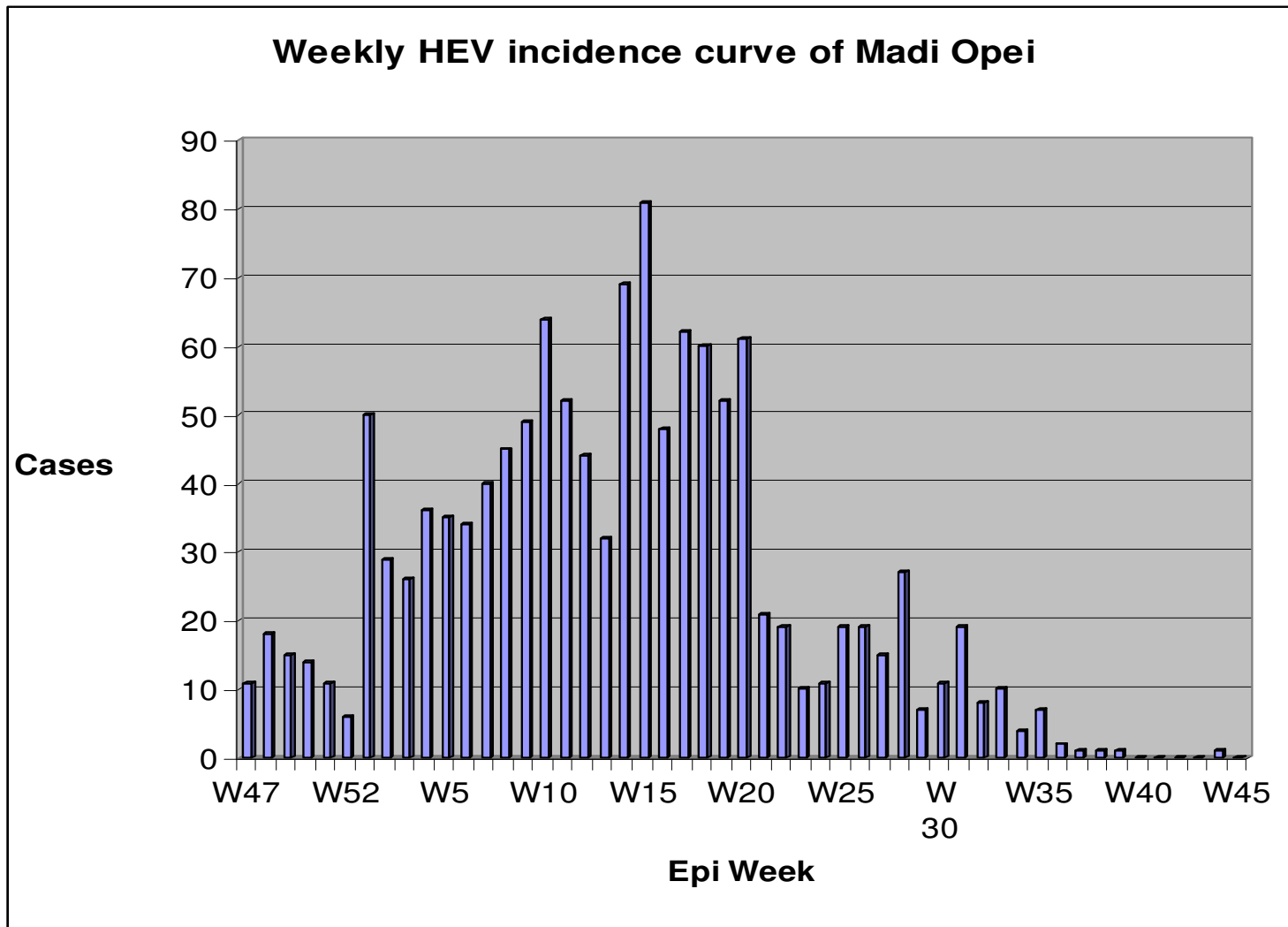


Figure 5

2. Agoro Sub County

The reduction in the epidemic trend in Agoro sub-county has almost leveled off during the past 4 weeks. There was a reported case of Hepatitis E cases continue to come from Potika Camp [Agoro Sub-county]. Key interventions were found to have broken down in Potika Camp.

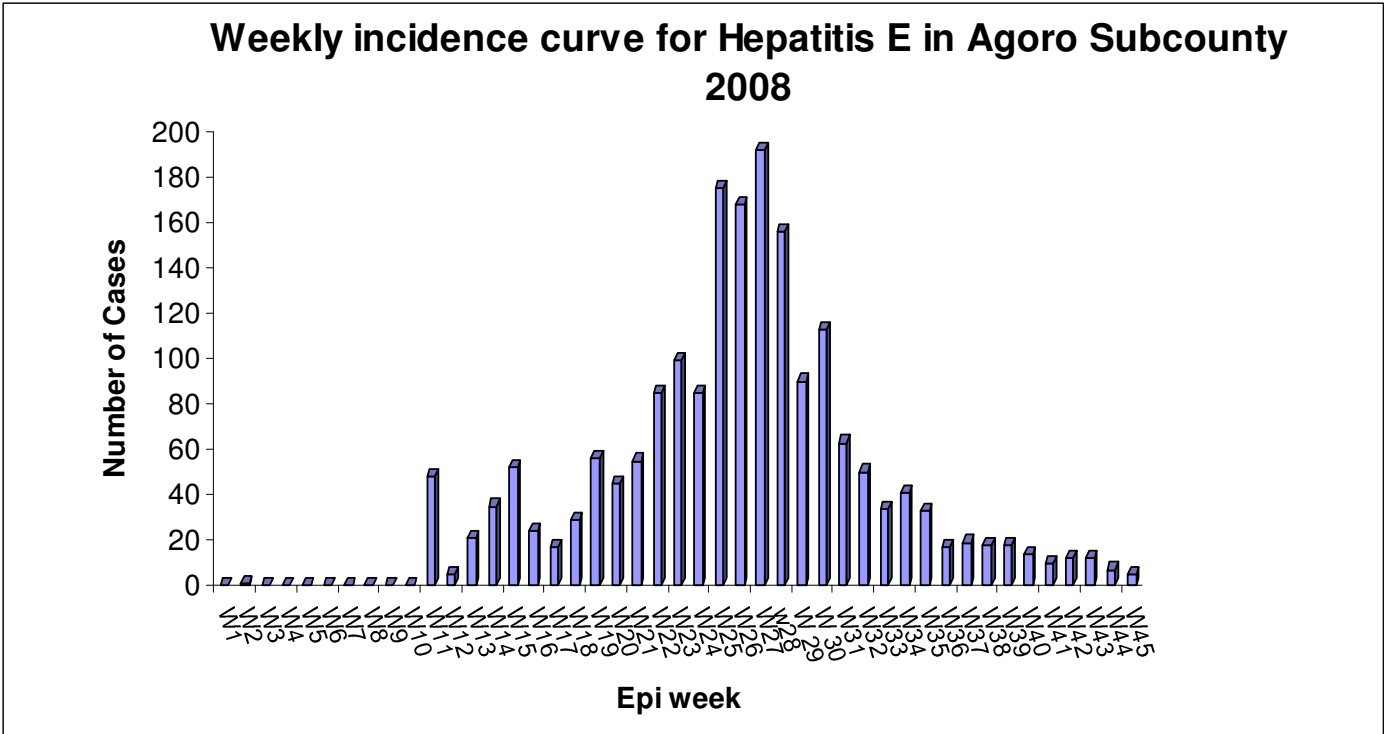


Figure 6

3. Paloga sub county

As reflected in fig 7 the number of cases reported has started to increase this reflect the earlier on noted collapse of intervention some 2 months ago when there was no chlorination, camp cleaning was no more and hand wash facilities were not being used.

Weekly HEV Incidence Curve of Paloga Subcounty

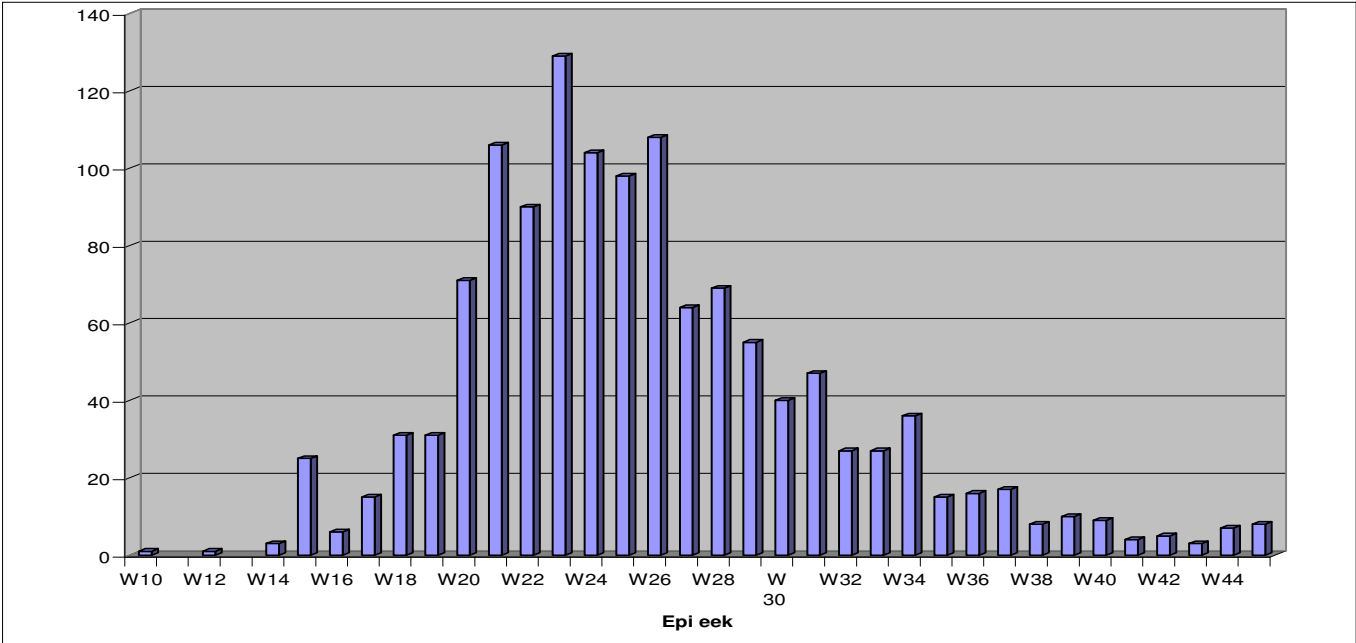


Figure 7

4. Padibe Sub Counties (Padibe East and West)

The decline in the trend of HEV recorded in Padibe Sub County may be stagnating as reflected in figure 8. Padibe East registered 2 cases while Padibe West had 5 cases.

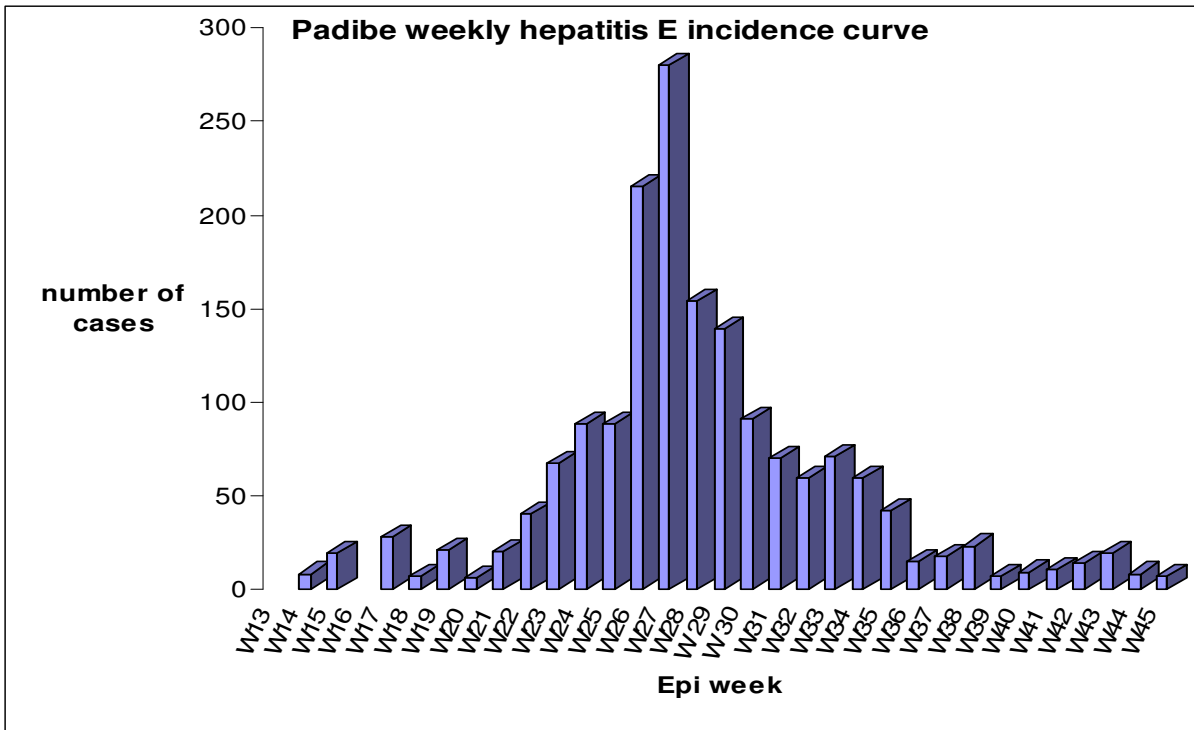


Fig 8

5. Mucwini:

Mucwini Sub County recorded the highest number of HEV cases in Epi week 45, this sub county however continues to register a slow decline in the number of cases.

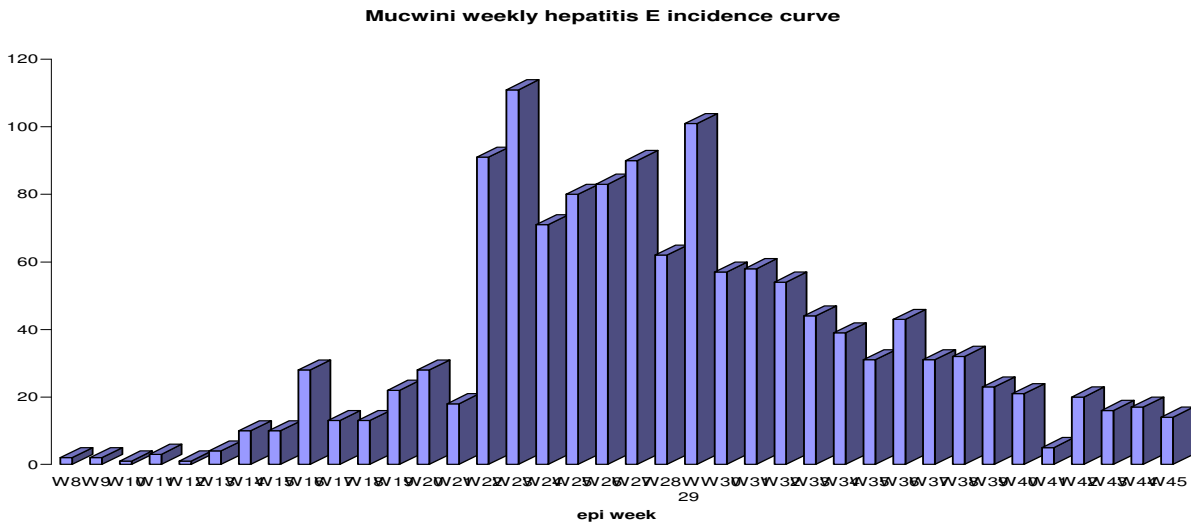


Fig 8

Layamo Sub County

Figure 9 below indicates a gradual reduction in the number of HEV cases in Layamo Sub-county.

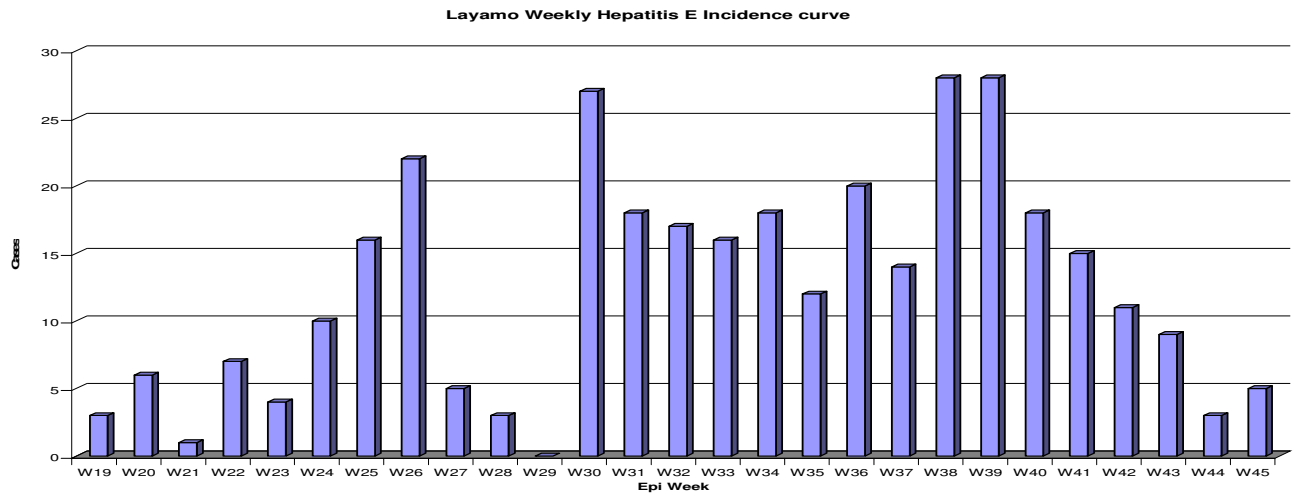


Fig 9

Lokung Sub County

Fig. 10. Show reduction in the HEV trend in Lokung Sub County.

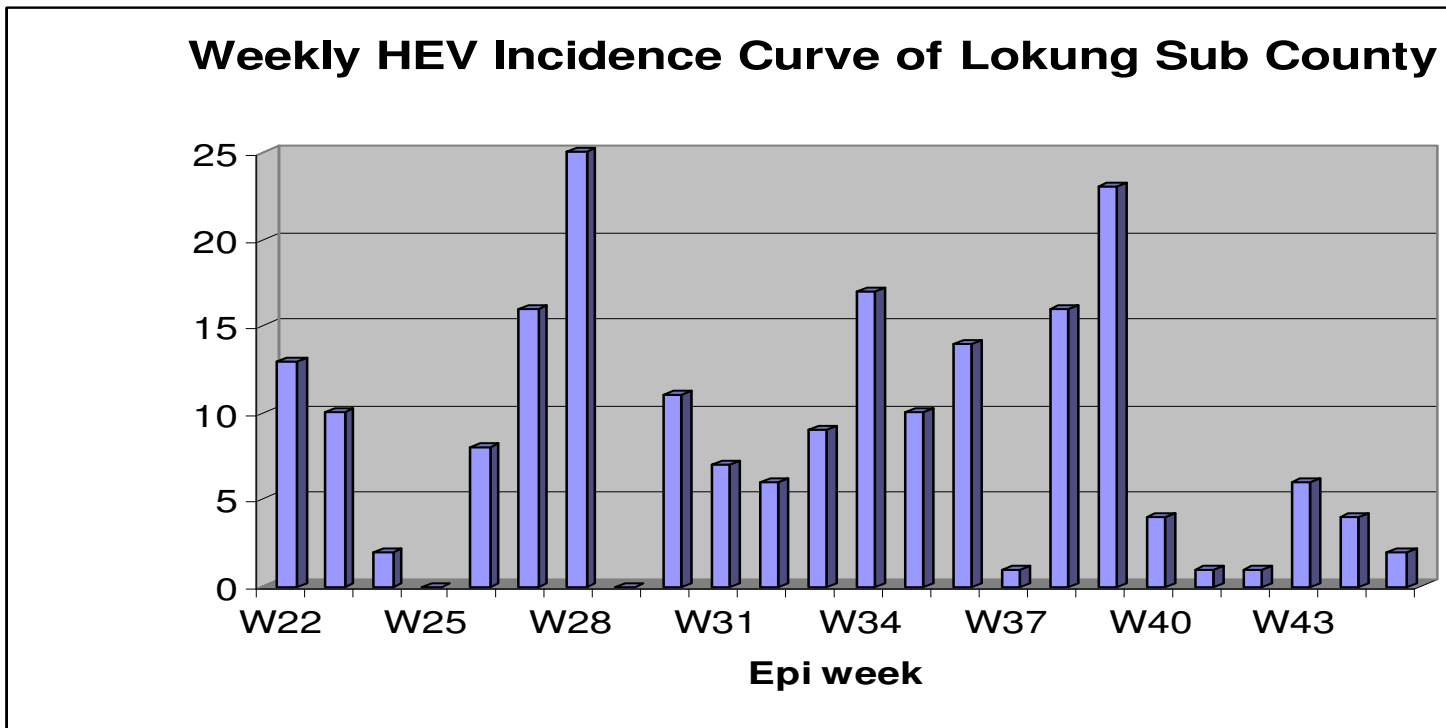


Fig.10

DSF/HMIS KDLG & WHO-KITGUM FIELD OFFICE