

# **THE ROTARY DOCTORS ACTIVITY REPORT.**



**JULY – DECEMBER 2017**

**REPORT BY:**

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End of the year 2017 has been a period full of activities, making 2017 a year that the whole team had put on more efforts to bring the year to a success. This period was characterized by a lot of events. In the political calendar, this is the year in History of Kenya where we had to undergo two presidential elections after the first presidential election was nullified, it was therefore a tension packed year.

The period was also characterized by prolonged nurses strike, also in Kenya's history, the first time ever that for more than six months all the nurses' operations were grounded, leading to a complete shutdown to the level two health care services unit, the Dispensaries and health centres. The Rotary Doctors Sweden project, therefore became the only community health unit operating in twenty clinics across western Kenya around Mumias and Kitale. The period was characterized by many patients turning up to the RDS clinics where they could access affordable health care. Private hospitals cashing in a great deal and milking the poor patients who helplessly turn to them for help. The high patients turn up led to late coming back from the field to the doctors' house. The situation also increased on staff wages since we had to hire more staff to cope up with increasing numbers.

The Marburg virus outbreak in Uganda and the scare soon escalating to Kenya and especially around Kitale was not good news at all, but it was great to have doctor Bengt and Mikael in Kitale, despite the scare they hung on seeking to find the real situation from the County Health Management Team in Kenya.

This period we have seen more patients than we have ever seen, we had a total of 18,148 patients, this was mainly due to the six

months nurses strike. Immunization service also rose leading to 1,068 children receiving fully immunized status. What has been also remarkable is the increase in uptake of new methods of family planning like in Kwanza jeepline with 403 clients embracing implants as a method of choice for family planning.

The introduction of the WASH project was a great milestone, sponsored by Ahus RC and Water For All. Webanania village in Khalwenge and Forest village in St. Emanuel clinic are on their way to declaration to Open Defecation Free (ODF) this due to their embracing health education on environmental sanitation and taking personal initiative to put up latrines.

As commonly believed that Endebess has been a low turn up clinic, the figures generated proved otherwise, Endebess recorded higher patients numbers this period than Kwanza jeepline.

It has been generally a busy end of the year for us! We thank all those doctors who endured it all and worked longer hours in the field than usual and to all our staffs we say thank you.

Finally thanks to all the RDS board for the support we got from them and to Karin it has been amazing working with you, thanks for your support and understanding.

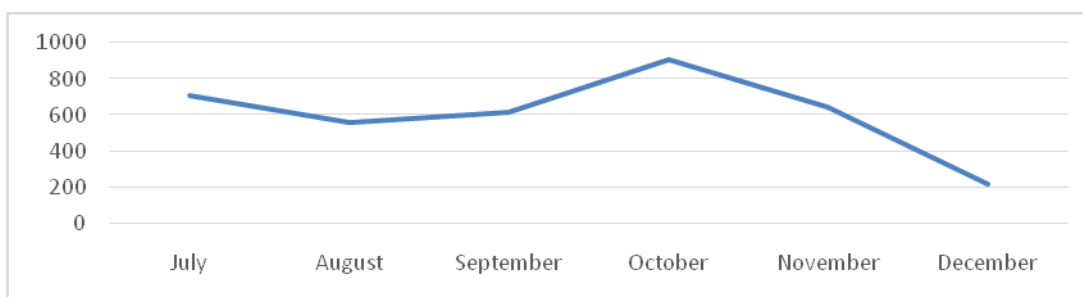
**KWANZA JEEPLINE.**

- Operates in Kwanza Sub County. The jeepline is one year and two months old. Has a quick transformation or handover process.
- Good working relationship with the Sub County Health Management Team.
- Shorter distance, bad roads and many patients and clients.

**Patients Turn up**

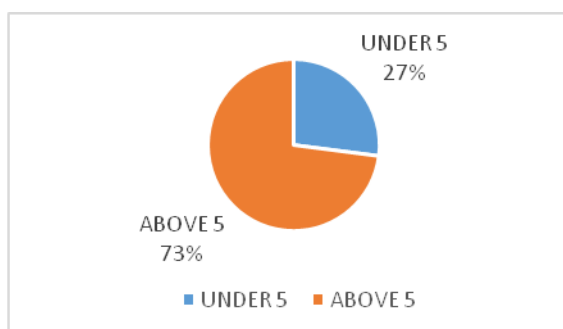
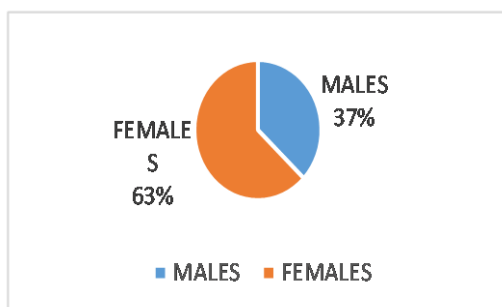
	July		August		September		October		November		December		total	
	m	f	m	f	m	f	m	f	m	f	m	f	male	females
0-5	111	111	81	73	95	11	133	137	81	92	22	43	523	467
5-14	72	73	59	50	68	59	59	82	46	80	18	10	322	354
14-25	37	64	26	53	20	70	17	89	26	61	5	16	131	353
25-35	9	41	10	43	18	58	29	81	8	22	5	18	79	263
Above 35	29	84	34	70	25	109	35	124	27	106	8	38	158	531
Above 55	22	54	21	44	25	57	36	86	26	73	15	22	145	336
sub total	280	427	231	333	251	364	309	599	214	434	73	147	1358	2304
<b>total</b>	<b>707</b>		<b>564</b>		<b>615</b>		<b>908</b>		<b>648</b>		<b>220</b>		<b>3662</b>	

Patients turn up distribution



Patients turn up by sex under 5 years against above five

Total



- October had the highest patients turn up.

- Kwanza jeepline generally has more adults patients (over14 year of age) percentage 54% attending the clinics than any other jeepline.

### **MALARIA TESTING**

TOTAL TESTED	0-5		5-14		15-24		25-34		35-54		ABOVE 55		TOTALS
	M	F	M	F	M	F	M	F	M	F	M	F	
POSITIVE	41	44	38	56	17	29	9	20	6	20	8	12	<b>301</b>
SUB	85		94		46		29		26		20		
1331	28.2		31.2		15.3		9.6		8.6		7.0		

- This generally a low malaria zone, the general malaria positivity of Kwanza sub county stand at 23% a little higher than Endebess.
- In the jeepline the positivity is at 22.3% almost the same Sub County percentage.
- Our method of choice for malaria diagnosis is blood slide done by microscopy.

### **HIV TESTING**

TOTAL TESTED	0-5		5-14		15-24		25-34		35-54		ABOVE 55		TOTALS
	M	F	M	F	M	F	M	F	M	F	M	F	
348													
POSITIVE	0	0	0	0	1	1	0	0	1	0	0	0	<b>3</b>
%													0.8%

- Very low HIV positivity, at 0.8% positivity out of the total test.

### **ANTENATAL CLINICS/FAMILY PLANING.**

ANTENATAL CLINIC VISITS	1 <sup>ST</sup> VISIT	2 <sup>ND</sup> VISIT	3 <sup>RD</sup> VISIT	ABOV 4 <sup>TH</sup> VISIT	TOTALS
	408	256	147	88	899
FAMILY PLANING	DEPO	PILLS	IMPLANTS	STERILIZATION	TOTALS
	438	84	403	0	925

- Good antenatal clinic attendance, though as can be seen, most attend the first visit only.
- Good uptake on the Family planning services, implants becoming more preferred compared to previous years.
- We have two types of implants JADELLE (Levonorgstrel) which 5 years and IMPLANON which last for 3 years. Implanon is the most common used in the jeepline.

### **Cases Diagnosed**

	total		
Confirmed malaria	301	Eye Infections	121
clinical malaria	4	Ear Infections	116

<b>Pneumonia</b>	<b>168</b>	<b>all other cases</b>	<b>1543</b>
<b>Diarrhoea diseases</b>	<b>89</b>	<b>Diabetes</b>	<b>15</b>
<b>Skin diseases/Wounds</b>	<b>676</b>	<b>Hypertension</b>	<b>45</b>
<b>Viral Infection</b>	<b>703</b>	<b>Asthma</b>	<b>12</b>
<b>general body aches</b>	<b>562</b>	<b>Epilepsy</b>	<b>7</b>
		<b>Psoriasis</b>	<b>1</b>
		<b>total cases</b>	<b>4426</b>

- Viral infection as a single diagnosis tops the chart followed by skin infection, general body pains in another common medical problem.
- Malaria is not as frequent as in other jeeplines.

### **IMMUNIZATION**

BCG	POLIO				PENTA			MEASLES	FIC	
	BP	1	2	3	1	2	3			
<b>363</b>	<b>132</b>	<b>346</b>	<b>353</b>	<b>342</b>	<b>353</b>	<b>373</b>	<b>333</b>	<b>375</b>	<b>206</b>	<b>3210</b>
<b>MOSQUITOR BED NETS</b>										
<i>CHILDREN UNDER 1</i>				0						
<i>PREGNANT MOTHERS</i>				0						
<i>SOLD TO PTS</i>				0						
<i>Total given out</i>				0						

- Immunization is one of the services the jeep line has done a good job, over 3,210 children receiving different vaccines.
- This period nets have been distributed for free with the county government, leading to no distribution by us. If given many, they end up doing other different things than protection of malaria.

### **Jiggers Eradication.**

<i>treated</i>	<i>0-5</i>	<i>5-14</i>	<i>15-24</i>	<i>25-34</i>	<i>35-54</i>	<i>Above 55</i>
316	<b>42</b>	<b>205</b>	<b>34</b>	<b>16</b>	<b>8</b>	<b>11</b>
	<b>13.3%</b>	<b>64.9%</b>	<b>10.8%</b>	<b>5.1%</b>	<b>2.5%</b>	<b>3.5%</b>

- Most vulnerable group for jiggers infestation is the age between 5-14 years of age.

### **GENERAL COMMENT ABOUT THE JEEPLINE.**

- Two of the Kwanza jeepline clinics will be handed over to the community and the government and clinics started on two new sites.
- It terms of reaching to the needy persons, Kwanza jeepline except for the slums clinic (St. Emmanuel) the need is somewhat less than at the Endebess jeep line.
- The jeepline mainly attended by adults patients (above 14 years of age)
- Good cooperation with the Sub County Health Management Team leading high handover possibility except in the slum clinic (St. Emanuel)
- Two new clinics will be added in the jeepline after handing over Karaus and Marinda clinics

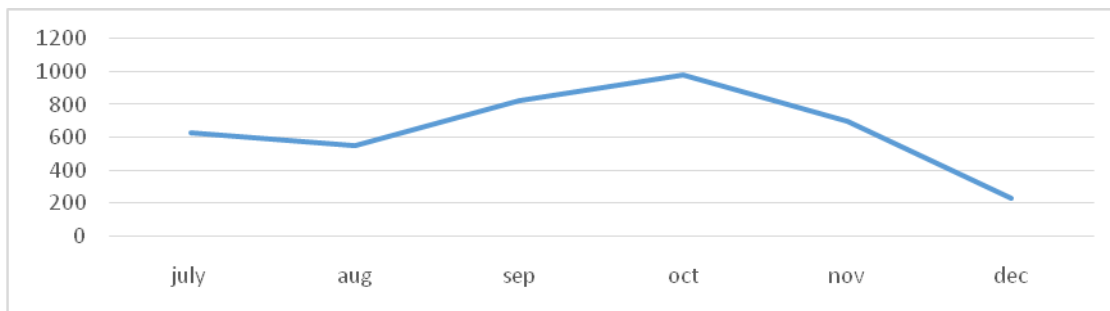
## **ENDEBESS JEEPLINE**

- Operates mainly at Endebess sub county, around the foot of Mt. Elgon.
- Long clinics drive, have earlier been few but more needy patients.
- Most patients work in farms, they do not have own land but more of squatters, lots of malnutrition, though not always seen in the clinics.

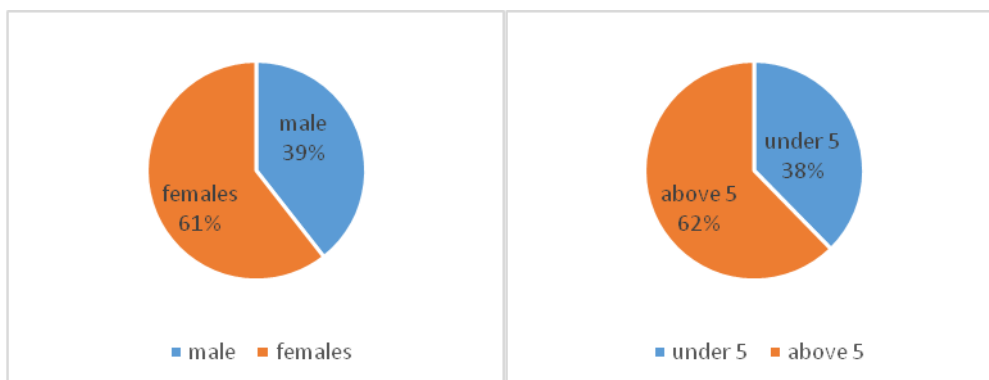
### **PATIENTS TURN UP**

	July		August		September		October		November		December		total	
	m	f	m	f	m	f	m	f	m	f	m	f	male	females
0-5	142	127	98	110	167	151	191	173	127	119	39	28	764	708
5-14	74	59	43	50	71	95	94	89	52	69	19	23	353	385
14-25	20	47	14	46	21	72	30	90	26	60	4	20	115	335
25-35	16	36	10	50	14	51	20	81	10	69	3	24	73	311
Above 35	12	49	18	57	27	80	29	98	22	71	8	28	116	383
Above 55	10	40	11	40	23	50	35	51	29	44	12	21	120	246
sub total	274	358	194	353	323	499	399	582	266	432	85	144	1541	2368
total	632		547		822		981		698		229		3909	

Patients turn up distribution



Patients turn up by sex Total under 5 years against above five



- As in the Kwanza jeepline, more patients seen in the month of October.
- During this period, more patients seen in the Endebess jeepline than Kwanza jeepline.

- Comparatively more under 14 year 57% seen in the Endeless jeepline than above 14 years 43%. The majority of under 14 years were children below five years 66%.

### MALARIA TESTING

TOTAL TESTED	0-5		5-14		15-24		25-34		35-54		ABOVE 55		TOTALS
	M	F	M	F	M	F	M	F	M	F	M	F	
931	13	20	21	15	4	7	1	2	1	0	0	3	<b>87</b>
	33		36		11		3		1		3		
	38		41.4		12.6		3.4		1.2		3.4		9.3%

- As is the case with Endeless the county malaria positivity is 9%, while the jeepline positivity is at 9.3%. The choice of method of diagnosis is microscopy.

### HIV TESTING

TOTAL TESTED	0-5		5-14		15-24		25-34		35-54		ABOVE 55		TOTALS
<b>832</b>	M	F	M	F	M	F	M	F	M	F	M	F	
<b>POSITIVE</b>	0	0	0	0	0	7	0	4	0	2	0	0	<b>13</b>
<b>%</b>													1.6%

- HIV positivity is at 1.6% of the total number tested.
- New cases reported between age 15-24 and 25-34. Young people bearing the greater burden of new infections.

### ANTENATAL CLINICS/FAMILY PLANING.

ANTENATAL CLINIC VISITS	1 <sup>ST</sup> VISIT	2 <sup>ND</sup> VISIT	3 <sup>RD</sup> VISIT	ABOV 4 <sup>TH</sup> VISIT	TOTALS
	597	309	175	82	1163
FAMILY PLANING	DEPO	PILLS	IMPLANTS	STERILIZATION	TOTALS
	1963	85	186	0	2234

- The most common preferred method of choice of Family Planning in Endeless is Depo-Provera, unlike in Kwanza where implant choice was high.
- The choice of Depo-Provera here is due to the fact that it is more secretive, faster service in a region when men do not support the women on family planning.

### Cases Diagnosed

	total		total
Confirmed malaria	87	Eye Infections	99
clinical malaria	32	Ear Infections	85
Pneumonia	125	all other cases	1269
Diarrhoea diseases	160	Diabetes	0
Skin diseases/Wounds	965	Hypertension	17
Viral Infection	1167	Asthma	4
general body aches	405	Epilepsy	0
		Psoriasis	0
<b>total cases</b>			<b>4415</b>

- Viral infection and Skin infection leads the chart as single diagnosis.

### IMMUNIZATION

BCG	POLIO				PENTA			MEASLES	FIC	
	BP	1	2	3	1	2	3			
<b>835</b>	<b>411</b>	<b>869</b>	<b>772</b>	<b>601</b>	<b>904</b>	<b>792</b>	<b>635</b>	<b>610</b>	<b>588</b>	<b>7017</b>
<b>MOSQUITOR BED NETS</b>										
CHILDREN UNDER 1				0						
PREGNANT MOTHERS				0						
SOLD TO PTS				0						
TOTAL GIVEN OUT				0						

- This is the leading jeepline with the high immunization services, a total of 7,017 receiving different vaccine during the period.

### JIGGERS AND SCABIES CAMPAIGNS.

- The jeepline organized two public health campaigns to include jiggers and scabies infestations.
- This campaigns are done when the volunteers reports out breaks in the community.

#### (1) JIGGERS TREATMENT

- The doctors have been involved in the campaigns mostly done on Saturday and Sunday.
- The treatment includes, suffocation of jiggers, treatment of secondary infection, provision of shoes and fumigation of the affected house and disinfection.

TOTAL TREATED	0-5		5-14		15-24		25-34		35-54		ABOVE 55		TOTALS
	M	F	M	F	M	F	M	F	M	F	M	F	
	17	21	114	82	42	24	0	6	7	7	6	10	<b>336</b>

- More jiggers' infestation is common on males of age 5-14years of age, followed by females of the same age.
- More than 58% of infestation is between ages 5-14 years.

#### (2) SCABIES TREATMENT

- Scabies campaigns also done in Endeless jeepline during the same period.
- More than 511 children treated for two days for scabies.

TOTAL TREATED	0-5		5-14		15-24		25-34		35-54		ABOVE 55		TOTALS
	M	F	M	F	M	F	M	F	M	F	M	F	
	78	77	141	135	19	31	1	14	1	10	3	1	<b>511</b>

- More scabies infestation 54% seen between ages 5-14 years.



GENERAL COMMENTS.

- Endeless jeepline is the jeepline which really serve very poor, reaching out to squatters and the need is very great.
- One clinic will be handed over to the government and the community (Khalwenge clinic) a new clinic will be created to cover for it.
- Generally very good cooperation with the Sub County Health Management Team.

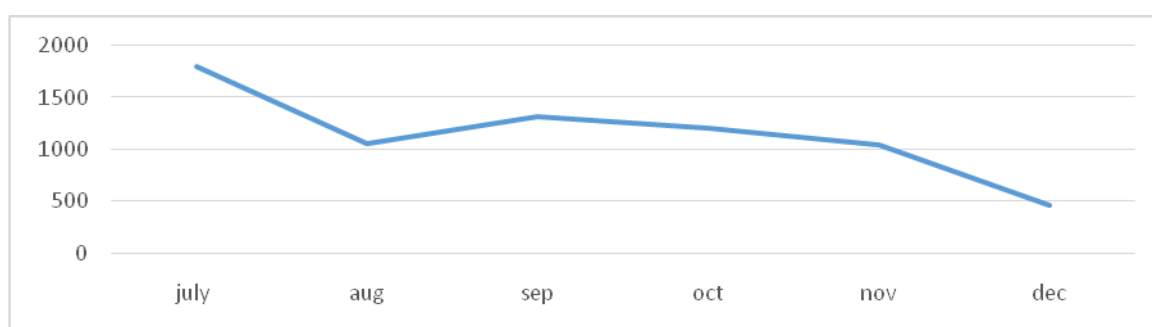
**MATUNGU JEEPLINE.**

- Now remains to be the oldest jeepline in Kenya, situated in Mumias town and serve the Matungu sub County region.
- Compost of short drive, generally good roads and very busy jeepline.

**Patients turn up**

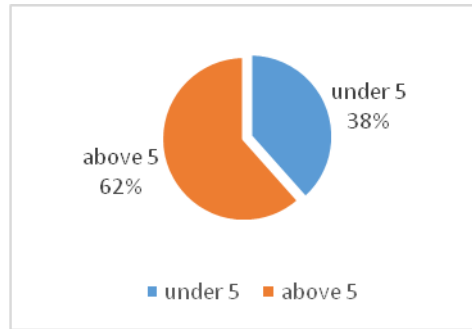
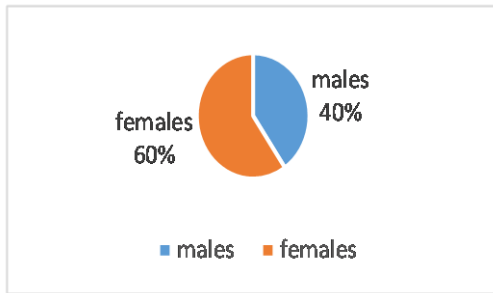
	July		August		September		October		November		December		total	
	m	f	m	f	m	f	m	f	m	f	m	f	male	females
0-5	369	316	201	223	260	272	265	232	185	161	82	77	1362	1281
5-14	168	185	117	92	115	135	93	92	126	115	57	40	676	659
14-25	80	165	36	106	54	140	35	123	26	99	14	33	245	666
25-35	35	112	13	80	10	81	24	71	19	62	5	34	106	440
Above 35	47	172	31	84	22	120	36	119	36	107	13	57	185	659
Above 55	57	95	27	49	41	62	35	79	32	77	17	31	209	393
sub total	756	1045	425	634	502	810	488	716	424	621	188	272	2783	4098
total	1801		1059		1312		1204		1045		460		6881	

Patient turn up distribution



**Patients turn up by sex**

**Total under 5 years against above five**



- Highest number of patients seen in July, however the jeepline was seeing more than 1,000 patients per month except in December.
- More than 57.5% of patients seen were below 14 years of age.

**MALARIA TESTING**

TOTAL TESTED		0-5		5-14		15-24		25-34		35-54		ABOVE 55		TOTALS
		M	F	M	F	M	F	M	F	M	F	M	F	
3033	POSITIVE	370	364	136	147	31	99	9	45	11	37	11	12	<b>1272</b>
	SUB %	734		283		130		54		48		23		
	%	57.7		22.2		10.2		4.2		3.8		1.9		42.9%

- Has a higher malaria positivity rate than other jeeplines at 42.9%.
- Matungu jeepline lies a long areas considered malaria zones.

**HIV TESTING**

TOTAL TESTED	0-5		5-14		15-24		25-34		35-54		ABOVE 55		TOTALS
	M	F	M	F	M	F	M	F	M	F	M	F	
<b>356</b>													
<b>POSITIVE</b>	0	0	0	0	0	5	1	4	2	1	0	0	<b>14</b>
<b>%</b>													

- Compared to Kwanza and Endebess Matungu has recorded high percentage 4% of all tested were identified as new HIV cases.
- The new cases more common between age 35-54.

**ANTENATAL CLINICS/FAMILY PLANING.**

ANTENATAL CLINIC VISITS	1 <sup>ST</sup> VISIT	2 <sup>ND</sup> VISIT	3 <sup>RD</sup> VISIT	ABOV 4 <sup>TH</sup> VISIT	TOTALS
	720	675	421	421	2237
FAMILY PLANING	DEPO	PILLS	IMPLANTS	STERILIZATION	TOTALS
	830	2	46	0	878

- Good antenatal clinic turn up, good distribution of visits 1<sup>st</sup> –above 4<sup>th</sup> visit.
- Very low uptake on the implants. Most preferred choice is the injection Depo-Provera.

## Cases Diagnosed

	total		
<b>Confirmed malaria</b>	1506	Ear Infections	<b>116</b>
<b>clinical malaria</b>	<b>125</b>	all other cases	<b>3386</b>
<b>Pneumonia</b>	<b>84</b>	Diabetes	<b>33</b>
<b>Diarrhoea diseases</b>	<b>159</b>	Hypertension	<b>111</b>
<b>Skin diseases/Wounds</b>	<b>2109</b>	Asthma	<b>18</b>
<b>Viral Infection</b>	<b>376</b>	Epilepsy	<b>4</b>
<b>general body aches</b>	<b>126</b>	Psoriasis	<b>0</b>
<b>Eye Infections</b>	<b>177</b>		
<b>total cases</b>			<b>8330</b>

- Skin diseases and wounds lead the diagnosis, followed by malaria.
- A high diagnosis of clinical malaria which should be avoided as per the GOK guidelines. We advice doctors to stick to the national guideline on malaria treatment. If doctors are doubt let them use the two testing method (BS/RDTS) if both test are negative no malaria treatment should be given.
- High diagnosis of clinical malaria should be avoided. With RDT and Microscope available we can avoid this.
- High diagnosis on NCD (hypertension and Diabetes)

## IMMUNIZATION

BCG	POLIO				PENTA			MEASLES	FIC	
	BP	1	2	3	1	2	3			
<b>749</b>	<b>390</b>	<b>865</b>	<b>848</b>	<b>729</b>	<b>796</b>	<b>740</b>	<b>585</b>	<b>760</b>	<b>108</b>	<b>6570</b>
<b>MOSQUITOR BED NETS</b>										
CHILDREN UNDER 1				0						
PREGNANT MOTHERS				0						
SOLD TO PTS				0						
TOTAL GIVEN OUT				0						

## JIGGERS AND SCABIES TREATMENT.

- Matungu jeepline, during this period was also involved in both jiggers and scabies eradication campaigns. The target was the school going children.
- Doctors were also used in the campaigns.

## Jiggers' treatment

TOTAL TREATED	0-5		5-14		15-24		25-34		35-54		ABOVE 55		TOTALS
	M	F	M	F	M	F	M	F	M	F	M	F	
	8	3	20	4	10	1	1	1	0	1	0	1	<b>50</b>

- As the case everywhere more affected are children male between the ages 5-14 years of age.

### ***Scabies treatment***

TOTAL TREATED	0-5		5-14		15-24		25-34		35-54		ABOVE 55		TOTALS
	M	F	M	F	M	F	M	F	M	F	M	F	
	150	134	194	175	61	58	10	32	5	14	4	6	<b>843</b>

- The highest affected group in scabies is the group between age 5-14 and 0-5 years of age.
- This could be due to the fact that at this age, most of them are not able to take care of their personal hygiene well.

### GENERAL COMMENT.

- Matungu jeepline is one of the busiest jeepline clinic in Western Kenya, the community usage of the service can be seen in patients turn up, immunization, family planning and antenatal clinic.
- Unlike Mumias jeepline, there is some support from the Sub County Health management Team, the nurses from the government are committed and joins our team with all the preventive services commodities.
- The jeepline will be merged with Mumias jeepline to give rise to one jeepline called Mumias jeepline. Namasanda, Itete will be handed over to the government and Suo will be attached to the nearby clinic 2.5km away.

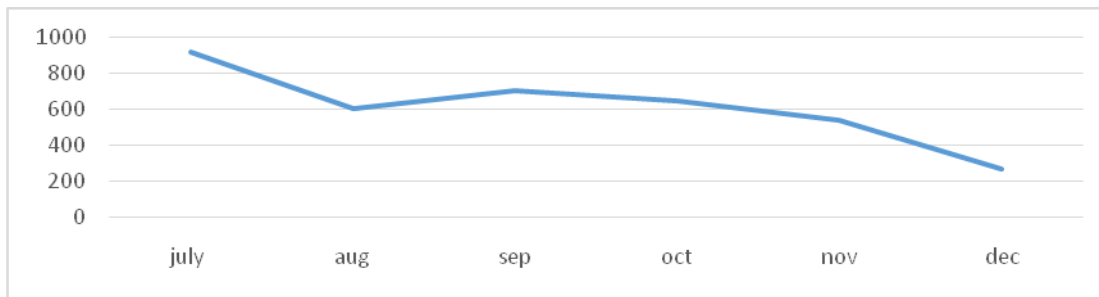
## **MUMIAS JEEPLINE**

- Mumias jeepline is the second oldest jeepline, mainly cover Mumias East Sub County.
- The jeepline is not as busy as Matungu jeepline.
- Comparatively there is low interest from the Sub County Health management Team support to the program.

### Patient turn up

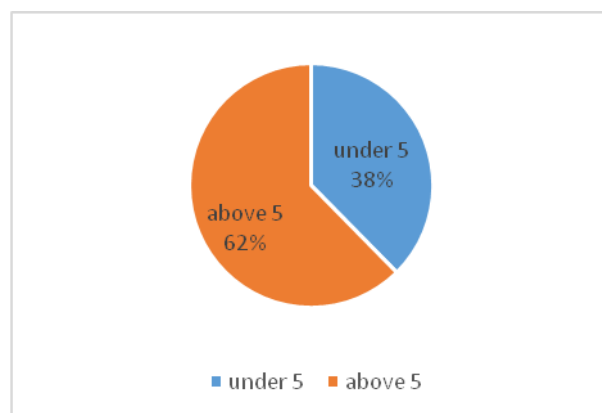
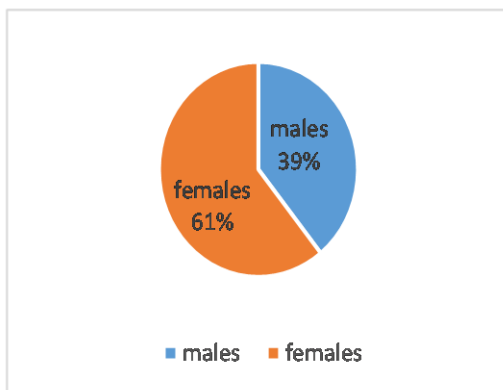
	July		August		September		October		November		December		total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
<b>0-5</b>	<b>149</b>	<b>191</b>	<b>106</b>	<b>112</b>	<b>126</b>	<b>128</b>	<b>119</b>	<b>150</b>	<b>119</b>	<b>106</b>	<b>40</b>	<b>44</b>	<b>659</b>	<b>731</b>
<b>5-14</b>	<b>108</b>	<b>142</b>	<b>72</b>	<b>85</b>	<b>77</b>	<b>85</b>	<b>51</b>	<b>64</b>	<b>37</b>	<b>40</b>	<b>19</b>	<b>29</b>	<b>364</b>	<b>445</b>
<b>14-25</b>	<b>39</b>	<b>43</b>	<b>16</b>	<b>44</b>	<b>25</b>	<b>48</b>	<b>16</b>	<b>45</b>	<b>17</b>	<b>40</b>	<b>14</b>	<b>18</b>	<b>127</b>	<b>238</b>
<b>25-35</b>	<b>9</b>	<b>38</b>	<b>4</b>	<b>32</b>	<b>9</b>	<b>47</b>	<b>12</b>	<b>44</b>	<b>8</b>	<b>40</b>	<b>8</b>	<b>8</b>	<b>50</b>	<b>209</b>
<b>Above 35</b>	<b>16</b>	<b>80</b>	<b>14</b>	<b>63</b>	<b>17</b>	<b>65</b>	<b>19</b>	<b>51</b>	<b>14</b>	<b>52</b>	<b>17</b>	<b>24</b>	<b>97</b>	<b>335</b>
<b>Above 55</b>	<b>39</b>	<b>70</b>	<b>25</b>	<b>32</b>	<b>27</b>	<b>53</b>	<b>20</b>	<b>60</b>	<b>24</b>	<b>46</b>	<b>17</b>	<b>28</b>	<b>152</b>	<b>289</b>
<b>sub total</b>	<b>360</b>	<b>564</b>	<b>237</b>	<b>368</b>	<b>281</b>	<b>426</b>	<b>237</b>	<b>414</b>	<b>219</b>	<b>324</b>	<b>115</b>	<b>151</b>	<b>1449</b>	<b>2247</b>
<b>total</b>	<b>924</b>		<b>605</b>		<b>707</b>		<b>651</b>		<b>543</b>		<b>266</b>		<b>3696</b>	

### Patients turn up distribution



### Patients turn up by sex

#### Total under 5 years against above five



- As was the trend in Matungu, the jeepline also recorded the highest patient numbers in the month of July with the rest of the months having an average turn up.
- Over 59% patients seen were below 14 years of age.

### MALARIA TESTING

TOTAL TESTED	0-5		5-14		15-24		25-34		35-54		ABOVE 55		TOTALS
	M	F	M	F	M	F	M	F	M	F	M	F	
2209	200	236	106	100	38	51	20	35	7	19	2	5	829
	436		206		89		55		26		7		
	52.6		24.8		10.7		6.6		3.1		0.8		37.5%

- The positivity on the jeepline stands at 37.5%, the highest group mostly affected are children below 5 year of age.

### HIV TESTING

TOTAL TESTED	0-5		5-14		15-24		25-34		35-54		ABOVE 55		TOTALS
	M	F	M	F	M	F	M	F	M	F	M	F	
38	0	0	0	0	0	1	1	0	1	0	2	0	5
	13.2												

- Out of the total tested, 13.2% tested positive to new HIV infection. New infection was common from age 15 and above.

#### **ANTENATAL CLINICS/FAMILY PLANING.**

ANTENATAL CLINIC VISITS	1 <sup>ST</sup> VISIT	2 <sup>ND</sup> VISIT	3 <sup>RD</sup> VISIT	ABOV 4 <sup>TH</sup> VISIT	TOTALS
	273	222	163	152	810
FAMILY PLANING	DEPO	PILLS	IMPLANTS	STERILIZATION	TOTALS
	273	21	70	15	379

- This clinic recorded the lowest turn up in both antenatal clinic and family planning services as compared to other jeeplines.

#### Cases Diagnosed

cases	total	cases	
Confirmed malaria	895	Ear Infections	47
clinical malaria	247	all other cases	1591
Pneumonia	69	Diabetes	28
Diarrhoea diseases	80	Hypertension	65
Skin diseases/Wounds	1162	Asthma	10
Viral Infection	475	Epilepsy	5
general body aches	237	Psoriasis	0
Eye Infections	56	total cases	4967

- Malaria (confirmed and clinical) accounted for the single highest diagnosis in Mumias jeepline, followed by skin wounds.
- High diagnosis of clinical malaria should be avoided. With RDT and Microscope available we can avoid this.
- NCD recorded and noted.

#### **IMMUNIZATION**

BCG	POLIO				PENTA			MEASLES	FIC	
	BP	1	2	3	1	2	3			
<b>184</b>	<b>139</b>	<b>237</b>	<b>254</b>	<b>218</b>	<b>231</b>	<b>235</b>	<b>221</b>	<b>215</b>	<b>166</b>	<b>2100</b>
<b>MOSQUITOR BED NETS</b>										
CHILDREN UNDER 1				0						
PREGNANT MOTHERS				0						
SOLD TO PTS				0						
TOTALS SOLD OUT				0						

- Compared to the other jeeplines, Mumias has recorded the lowest numbers when it comes to immunization.

#### **JIGGERS AND SCABIES.**

- The team through the request of the community health workers did also organize for the jiggers and scabies campaigns.
- Children were given free treatment at the same time to prevent reinfection.

### ***Jigger treatment***

TOTAL TREATED	0-5		5-14		15-24		25-34		35-54		ABOVE 55		TOTALS
	M	F	M	F	M	F	M	F	M	F	M	F	
	12	59	15	61	5	12	1	4	2	5	1	7	<b>300</b>

- Over 300 children treated for jiggers, the most affected group as usual is the group between ages 5-14 years.

### ***Scabies treatment***

TOTAL TREATED	0-5		5-14		15-24		25-34		35-54		ABOVE 55		TOTALS
	M	F	M	F	M	F	M	F	M	F	M	F	
	90	71	137	135	26	28	11	23	18	15	4	6	<b>565</b>

- Over 565 children treated for free for scabies, the most affected group being age group between 5-14 years.

### **GENERAL COMMENTS.**

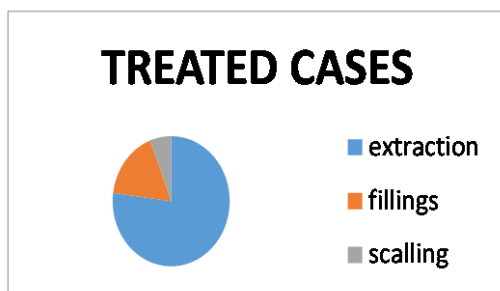
- Preventive services in Mumias jeepline records very low turn up, this could be due to two main reasons.
  - (i) Lack of support from the Sub County Health Management Team.
  - (ii) County government incentive to mothers attending clinics in government facilities.
- Two jeeplines clinics will be exited, Nyapeta will be handed over to the community and government to provide a mobile nurse, while Bubala clinic will be handed to the new clinic coming up in the area.
- In terms of Sub County Health Management Team, we have lacked their support in the following area.
  - (a) Provision of nurse going out with team on a long term basis.
  - (b) Support with HIV testing commodities.
  - (c) Support on preventive services and mobilization.
- Jiggers and Scabies free treatments, many children receiving treatment, those who normally do not come to clinic for treatment.

### ***MOBILE DENTAL SCHOOL PROJECTS.***

- The objective is to give free primary oral health information to school (primary school) children.
- To promote good behaviour change development towards oral health.
- The dental team visits different schools as programed by the dental assistant in Kenya. The services offered.
  - (a) Health Education.

- (b) Screening of dental /oral health problems.
- (c) Treatment of the identified cases.

TOTAL RECEIVING HEALTH EDUCATION	TOTAL SCREENED	IDNETIFIED FOR TREATMENT
1,180	1,180	257
	100%	21.8%



- Extraction forms the major part of dental treatment.

N/B This are figures for September and October 2017. Not all children identified were treated since the school had to break for exams.

**SPECIAL PROJECTS.**

- The following activities were undertaken within the period under special projects.

***JIGGERS CAMPAIGNS.***

<i>treated</i>	<i>0-5</i>	<i>5-14</i>	<i>15-24</i>	<i>25-34</i>	<i>35-54</i>	<i>Above 55</i>
	<b>162</b>	<b>601</b>	<b>141</b>	<b>29</b>	<b>30</b>	<b>39</b>
1,002	<b>16.2%</b>	<b>60%</b>	<b>14.1%</b>	<b>2.9%</b>	<b>3%</b>	<b>3.9%</b>

- This campaigns were done a cross four jeeplines, therefore it is a combination of all the jeeplines figures.
- The group affected were mainly between the ages 5-15 years.

***SCABIES CAMPAIGNS.***

<i>treated</i>	<i>0-5</i>	<i>5-14</i>	<i>15-24</i>	<i>25-34</i>	<i>35-54</i>	<i>Above 55</i>
	<b>600</b>	<b>917</b>	<b>223</b>	<b>91</b>	<b>63</b>	<b>24</b>
1,918	<b>31.3%</b>	<b>47.8%</b>	<b>11.6%</b>	<b>4.7%</b>	<b>3.3%</b>	<b>1.3%</b>

- The most affected group is the age between 5-14 years, this mostly the school going age.



- It would be a good idea to intensify the health education in schools.

#### **SHALLOW WELLS.**

<b>NO</b>	<b>WELL NAME</b>	<b>JEEPLINE</b>	<b>RC. SPONSOR</b>	<b>HOUSE HOLD</b>	<b>Total pop.</b>
1	<i>Angatia well</i>	<i>Matungu</i>	<i>HALMSTAD ROTARY CLUBS</i>	<i>71</i>	<i>426</i>
2	<i>Mowlem well</i>	<i>Endebess</i>	<i>AHUS RC/WATER FOR ALL</i>	<i>170</i>	<i>1,020</i>
3	<i>Bondeni well</i>	<i>Endebess</i>	<i>AHUS RC/WATER FOR ALL</i>	<i>130</i>	<i>780</i>
4	<i>Lusheya well</i>	<i>Mumias</i>	<i>AHUS RC/AHUS KRISTIANSTAD/WATER FOR ALL</i>	<i>300 + 900</i>	<i>2,700</i>
5	<i>Ingusi well</i>	<i>Mumias</i>	<i>HALSTAD RC</i>	<i>186</i>	<i>1,116</i>
	<b>5</b>				<b>6,042</b>

#### **SPRING PROTECTIONS.**

<b>NO</b>	<b>NAME OF SPRING</b>	<b>JEEPLINE</b>	<b>RC. SPONSOR</b>	<b>HOUSE HOLD</b>	<b>Total pop.</b>
1	<i>Makutano</i>	<i>Matungu</i>	<i>Dr OK, LERUM RC</i>	<i>168</i>	<i>1008</i>
2	<i>Wamukoya</i>	<i>Matungu</i>	<i>RODON RC</i>	<i>126</i>	<i>756</i>
3	<i>Kamnara</i>	<i>Ugunja</i>	<i>FALKENBERG RC</i>	<i>150</i>	<i>900</i>
4	<i>Kandunya</i>	<i>Uguanja</i>	<i>FALKENBERG RC</i>	<i>105</i>	<i>630</i>
5	<i>Konjoro</i>	<i>Ugunja</i>	<i>ESTATE OF MR. RAGNAR J./KRISTIANSTAD AHUS RC</i>	<i>140</i>	<i>840</i>
6	<i>Luka</i>	<i>Matungu</i>	<i>HALMSTAD RC</i>	<i>78</i>	<i>468</i>
	<b>6</b>				<b>4,602</b>

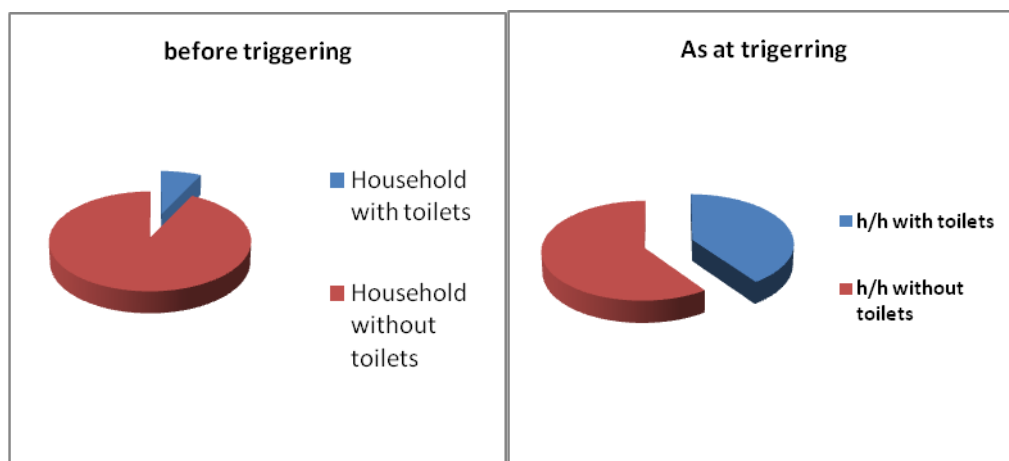
#### **WASH (COMMUNITY LED TOTAL SANITATION)**

- The wash project commonly referred as Community Led Total Sanitation project has been sponsored by Water for All from Sweden.
- The implementation is in Khalwenge Clinic Webanania village and St. Emanuel forest village.
- The aim is educate the community on environmental sanitation, hand washing and shit disposal in a pit.

**PRE-PROJECT SITUATION.**

**FOREST VILLAGE**

**WEBENANIA VILLAGE**



- We hope for 100% toilet coverage by early March 2018 leading to a full open Defecation Free Declaration (ODF) by early April 2018.

***VOLUNTEERS TRAINING.***

- The project normally organizes for one volunteer training and meeting per year, this year we had the same and the following topics were covered.
  - (a) Clinic planning and handover planning steps and involved partners.
  - (b) Translators and arts of translation.
  - (c) Roles of volunteers in community health care programs.
  - (d) Weight taking and importance of taking patients weights.

**ATTENDANCE TABLE.**

<b>JEEPLINES</b>	<b>NUMBER OF VOLUNTEERS ATTENDING</b>
<b>MUMIAS</b>	40
<b>MATUNGU</b>	39
<b>ENDEBESS</b>	36
<b>KWANZA</b>	40

***STAFF MEETINGS.***

- The organization also organised for staff retreat for two days where the following were discussed.
  - (a) Review of the end of the year 2017.
  - (b) Employment policies and staff welfare issues.

- (c) Financial (salary) management.
- (d) Jeeplines planning/clinics planning's for the year 2018.
- (e) Staff interaction with the board.
- (f) Team building activities.
- (g) Organization change management.

#### **PLANS FOR THE YEAR 2018.**

- JAN-FEB 2018 – Handover the clinics (Khalwenge, Karaus and Marinda) to the community and the county government. Nurses have already been posted on the said clinics.
- MARCH 2018 – Exit three clinics in Matungu jeeplines (Suo, Itete and Namasanda) Namasanda and Itete will be handed to the Sub County team and the community, while Suo will be attached to a nearby health Centre. Exit two clinics in Mumias, Nyapeta to be handed over to the Sub county team and Bubala be attached to a nearby dispensary.
- MARCH 2018 – North Pokot training planning and structure for the community
- APRIL – Merge the two clinics in Matungu (Khandayi and Ebubambula) and three clinics in Mumias (Lusheya, Umala gul and Matemo) to have one jeepline Mumias jeepline in Mumias town.
- APRIL 2018 – Start up with the new project site in West Pokot. April will be the piloting and project development.
- APRIL 2018 – Lead a 100% toilet coverage to Open Defecation Declaration by external team in Forest village and Webanania village.
- KISUMU PROJECT – Follow up with the Kisumu project under the support of the VETLANDA RC, focus is training and improving the health care system.
- JUNE 2018 – We suggest for a midyear training for the volunteers as this is very key to keeping in touch with the volunteers and follow up exit planning process.
- JUNE 2018 – Team review meeting, to asses planned activities progress,