

REPUBLIC OF KENYA
TURKANA COUNTY GOVERNMENT



MEDICAL OFFICER OF HEALTH
TURKANA CENTRAL SUB-COUNTY
P. O. BOX 18- 30500

MINISTRY OF HEALTH SERVICES AND SANITATION
LODWAR

Integrated Healthcare Outreaches in Turkana Drought Region, Northern Kenya

Date: April 20, 2018	Prepared by: Dr. Dominic Ongaki, Emma Kiriungi, and Veronica Ereng
I. Demographic Information	
1. City & Province: Lodwar, Turkana, Kenya	
2. Organization: Real Medicine Foundation, Kenya (www.realmedicinefoundation.org) Ministry of Health Services and Sanitation, Turkana County (www.turkana.go.ke/index.php/ministry-of-health-sanitation-2/)	
3. Project Title: Healthcare Outreaches in Turkana Drought Region, Northern Kenya	
4. Reporting Period: January 1, 2018 – March 31, 2018	
5. Project Location (region & city/town/village): Turkana Central sub-county, Turkana, Kenya	
6. Target Population: Population per outreach site: <ul style="list-style-type: none">• Elelea – 2,800• Lopiripira – 2,000• Kalotum – 2,000• Nabwelpus – 2,500• Lomopus – 4,000• Loturerei area (Kaikir, Lochor-Esekon, and Lokadwaran) – 3,500• Ngimuriae and Nangolpus – 5,000• Moruongor – 2,000• Kanukurmeri – 2,000 Total target population: 25,800 people	
II. Project Information	
7. Project Goal: To improve the delivery of primary healthcare services to people living in remote areas of Turkana Central sub-county, Turkana Drought Region, Northern Kenya.	
8. Project Objectives: Provide essential health services to area residents through monthly integrated outreaches: <ul style="list-style-type: none">• Nutrition services for children and pregnant and lactating mothers (PLM)	

- Treatment of common health conditions
- Deworming
- Immunization services for children
- ANC services for pregnant women
- Vitamin A supplementation for children and pregnant and lactating mothers (PLM)
- Health education

9. Summary of RMF/MOH-sponsored activities carried out during the reporting period under each project objective (note any changes from original plans):

Within this reporting period (January to March 2018), we successfully carried out a total of 36 integrated outreach activities at the selected sites. These were made possible with support from RMF and the MOH.

The table below gives a summary of all activities carried out during the reporting period:

Outreach Site	Nutrition Services		General Treatment		Deworming	Fully Immunized Children (FIC)		ANC Services	Vitamin A Supplementation		Health Education
	Children	PLM	Children	Adults		<1 YR	>1 YR		Children	PLM	
Lokadwaran	35	14	55	43	32	0	2	17	21	4	107
Kaikir	31	18	40	31	24	1	0	12	19	5	97
Lochor-Esekon	91	26	49	40	43	2	1	26	17	9	123
Lopiripira	102	21	94	59	47	5	3	13	37	12	181
Elelea	123	47	121	107	98	9	2	17	47	28	287
Nabwelpus	54	12	25	38	21	1	0	8	9	7	93
Kalotum	39	9	54	27	19	0	1	11	18	2	102
Moruongor	127	57	71	112	81	7	0	21	63	11	412
Kanukurmeri	107	58	102	123	75	5	1	27	67	27	389
Lomopus	21	7	27	34	28	1	0	7	11	4	88
Ngimuriae	109	62	126	109	78	20	1	23	73	21	389
Nangolpus	98	51	95	81	67	9	2	10	69	13	242
Total	937	382	859	804	613	60	13	192	451	143	2,510

Summary of work completed during this reporting period:

- **1,319** (937 children and 382 pregnant and lactating mothers) received nutrition services.
- **1,663** (859 children and 804 adults) were treated for general ailments.
- **613** received deworming services.
- **73** children were fully immunized.
- **192** pregnant mothers received antenatal services.
- **594** (451 children and 143 pregnant and lactating mothers) received Vitamin A supplementation.
- **2,510** people received public health messages through health education outreaches.

10. Results and/or accomplishments achieved during this reporting period:

Below is a breakdown of the performance of various activities and indicators during the reporting period;

Nutrition Services and Vitamin A Supplementation

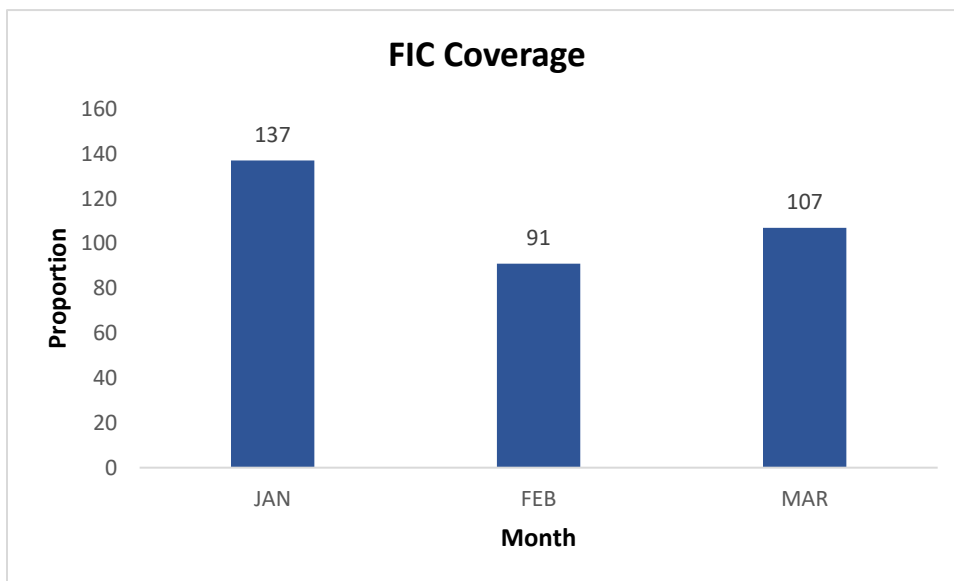
During this three-month period, many women and children benefited from the outreaches through nutrition services and Vitamin A supplementation. Using MUAC (mid-upper arm circumference), clients were categorized as having normal nutritional status or being severely or moderately malnourished. A total of **1,319 children and pregnant and lactating mothers (PLM)** benefited from nutritional support. A total of **594** clients received Vitamin A supplementation. Among them, **451** were children and **143** were pregnant and lactating mothers.

These achievements can be attributed to the support from RMF, the county government, and other supporting agencies.

Immunization Activities

The project has also enabled communities in remote areas to access vaccination as a way of improving the immunity of their children. During this reporting period, we have been able to fully immunize **73** children. Additionally, other children have benefited from various immunization antigens like OPV3, Penta 1, Penta 3, and Measles 3.

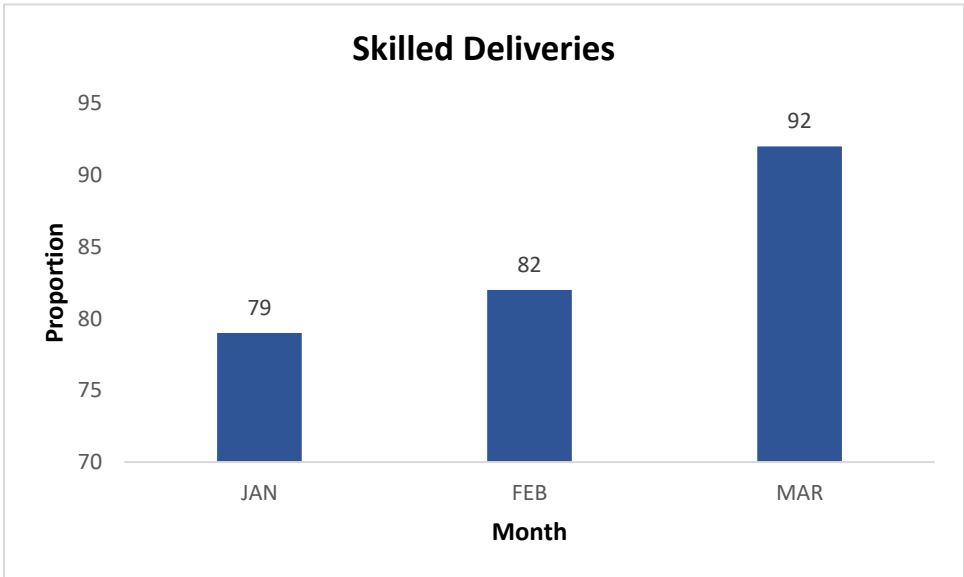
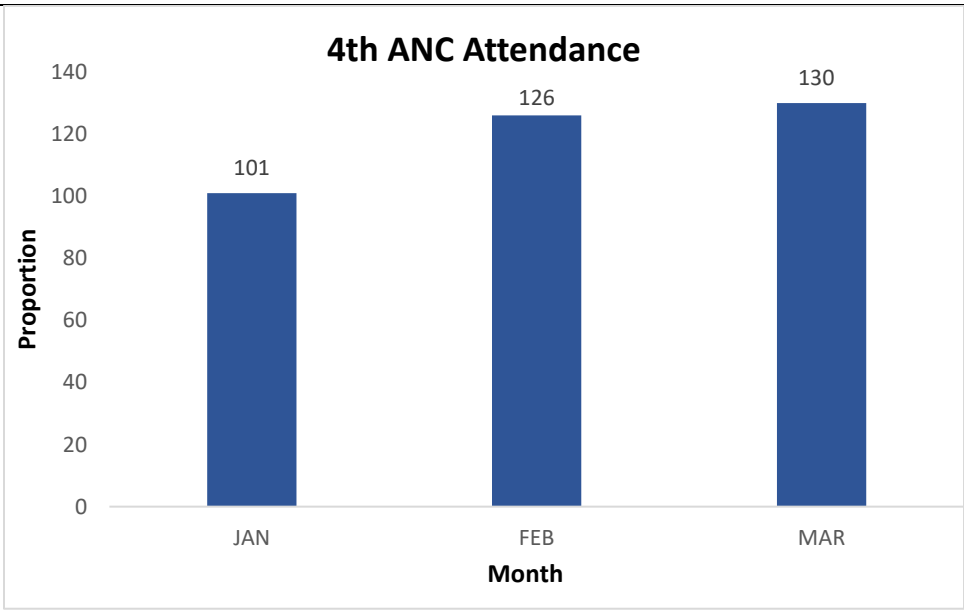
The graph below shows the proportions of fully immunized children (FIC) within the reporting period, according to DHIS data.



Antenatal Services

In the effort to promote quality services for pregnant women, reduce maternal mortality rates, and improve pregnancy outcomes, outreaches to disadvantaged communities play a key role. During this reporting period, we managed to provide antenatal services to **192** pregnant women. Many women received a tetanus toxoid vaccination, IFAS, and Vitamin A supplementation. This is an indicator that we are closely monitoring, especially 4th ANC coverage, with the goal of improving skilled deliveries performance and eventually reducing maternal mortality rates. Health education has also been important in improving the health seeking behaviors of pregnant women.

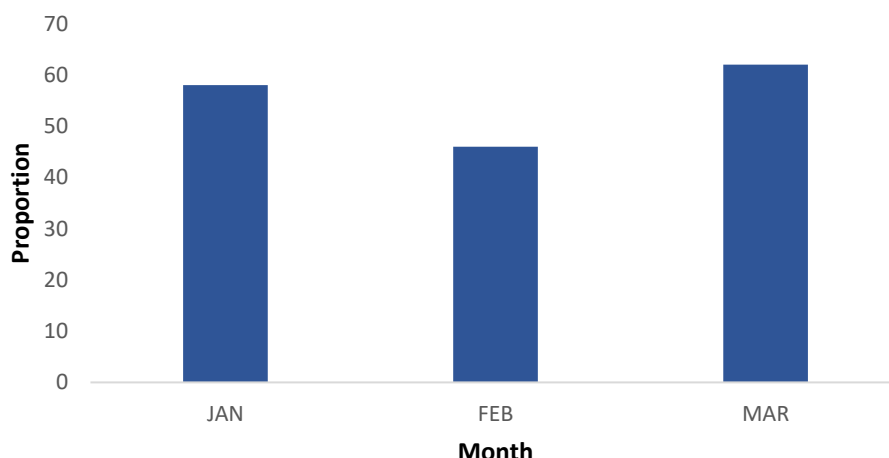
The graphs below illustrate the proportion of 4th ANC attendance and skilled deliveries within the reporting period.



Deworming Services

A total of 613 clients received deworming services.

Deworming (Children 12-59 Months of Age)



General Treatment

One of the key activities within this project is management of minor illnesses and other conditions affecting the target population. The county government has been supportive in terms of providing essential drugs to enable us to offer treatment for conditions like malaria, respiratory tract infections, urinary tract infections, skin conditions, and eye infections. This has contributed to a reduction in mortality caused by these conditions. During this reporting period, we were able to offer treatment to **1,663** clients, of which **859** were children and **804** were adults.

Health Promotion and Education

Health promotion and education play primary roles in disease prevention and pave the way for better healthcare within the community. We have achieved milestones in the performance of different indicators by laying a stable foundation in this sector. During each outreach activity, our dedicated staff begins by giving health talks to the target population. This empowers the community with quality knowledge on how to protect themselves from a number of health-related conditions. During this reporting period, communities were educated on a number of topics, including MNH, immunization, public and environmental health, and HIV and other STIs. All talks are aimed at curbing the spread of health-related conditions by putting in place adequate control measures to mitigate these. We managed to reach a total of **2,510** individuals with such messages during this reporting period.

11. Impact this project has on the community (who is benefiting and how):

Working in partnership with RMF has enabled Turkana Central sub-county to reach rural populations that would otherwise have difficulty accessing medical services. The project has safeguarded this population from exploitative witchdoctors who have taken advantage of their need for medical attention. Also, the nomadic nature of our population makes accessibility to services a major challenge. With this program, we are able to reach as many people as we can in their temporary settlements. This has resulted in the improvement of performance indicators, showing overall health gains for the population.

12. Number served/number of direct project beneficiaries (for example, average number treated per day or month and if possible, per health condition):

- **1,319** (937 children and 382 pregnant and lactating mothers) received nutrition services.
- **1,663** (859 children and 804 adults) were treated for general ailments.
- **613** received deworming services.
- **73** children were fully immunized.
- **192** pregnant mothers received antenatal services.
- **594** (451 children and 143 pregnant and lactating mothers) received Vitamin A supplementation.
- **2,510** people received public health messages through health education outreaches.

13. Number of indirect project beneficiaries (geographic coverage):

25,800 people living in in remote areas of Turkana Central sub-county, Turkana Drought Region, Northern Kenya.

14. If applicable, please list the medical services provided:

Through our integrated health outreaches, we provide the following primary healthcare services:

- Nutrition services for children and pregnant and lactating mothers (PLM)
- Treatment of common health conditions
- Deworming
- Immunization services for children
- ANC services for pregnant women
- Vitamin A supplementation for children and pregnant and lactating mothers (PLM)

15. Please list the five most common health problems observed within your region.

- Respiratory Tract Infections
- Malaria
- Gastroenteritis
- Skin Diseases
- Eye Infections

16. Notable project challenges and obstacles:

- Frequent breakdowns of KEPI freezers affecting immunization activities.
- Competing activities leading to a compromise in quality supervision and technical support by the sub-county health management team (SCHMT) during outreaches as well as the delayed compiling of reports.
- Poor network coverage hampering telemedicine and consultations through phone calls.
- Poor road network hampering movements into some areas.

17. Plans and recommendations for the next reporting period:

- Joint supervisions with the MOH and RFM team.
- Proper forecasting of immunization antigens and pharmaceuticals to avoid unnecessary stock-outs.
- Frequent inspection of KEPI freezers.
- Continue carrying out the integrated outreaches.

18. If applicable, summary of RMF/MOH-sponsored medical supply distribution and use:

N/A

19. Success story(s) highlighting project impact:

Please see Project Photos.

20. Photos of project activities (file attachment is fine):

[Project Photos](#)



A health worker giving a health talk at a community outreach



Patients waiting to have their nutritional status checked; those who are undernourished will be put on the nutrition program.



A health worker taking anthropometric measurements for the patients



Nutritional supplements and therapeutic foods being distributed to clients





Patients registering at an outreach and submitting their treatment cards

III. Financial Information

21. Detailed summary of expenditures within each budget category as presented in your funded proposal (file attachment is fine). Please note any changes from plans.

Sent separately