

Mother to Mother Project –YEAR 5 Interim report

Date: 29th May 2020

I. Summary of the project

Project Name	Mother to Mother SHIONOGI Project
Project Site	Osupuko Division of Narok South Sub-County, Narok County, Republic of Kenya
Project Period	October 1 st 2019 to September 30 th , 2020
Beneficiaries	Direct beneficiaries: 741 households (3,545 people)
Total Budget	JPY 20,000,000
Objective	To contribute to improvement of maternal and child health through multi-sectoral approach, and to evaluate the impact of the community intervention
Activities	<ol style="list-style-type: none"> 1. Facilitate construction of a new water supply facility 2. Promote construction of sanitation facility 3. Train Community Health Volunteers (CHV) on Water, Sanitation and Hygiene (WASH) 4. Establish and train 3 school health clubs on WASH with hand washing facilities 5. Sensitize the community on proper WASH practices 6. Train CHVs, male champions, and Traditional Birth Attendant (TBA) as key influencers on Maternal Newborn and Child Health (MNCH) 7. Train CHVs on early childhood development 8. Facilitate training of CHVs and Mother to Mother Support Group (M2M group) on village saving and loan activity 9. Conduct monthly mobile outreaches 10. Carry out periodic review meetings with Ministry of Health (MoH) 11. Strengthen the system for providing guidance to health facilities 12. Strengthening health service management capacity 13. Conduct nutrition program 14. Coordination meeting with the local government 15. Endline evaluation

2. Brief project background and purpose

The project site is located in Osupuko Division of Narok South Sub-County in Narok County of Kenya, where World Vision has been operating a long-term area development program to support community development (Ilaramatak Area Development Program).

The area is dominated by pastoral type of livelihood (about 60%). Other livelihood types are formal agro pastoral and permanent and temporary employments in the major urban centers. The community experiences high poverty levels, food inadequacies and low access to medical services especially for pregnant and lactating mothers.

In the region covered by the project, most of health indicators are below the national performance

standards, and the access to essential health services for women and children is also low. Only 22.6% of women are attending at least four ante-natal care (ANC) visits, 9.4 % of them are delivering at a health facility, and only 9.4 % delivering under the support of skilled birth attendant. About 55.6% of pregnant women were counseled and tested for HIV, and received results during ANC visit. While the proportion of children (12-23 months) fully immunized is 73.8%, child malnutrition has been a big challenge with stunting at 39.3%, underweight at 22.9% and wasting at 10.9 % compared to 26% stunting, 11% underweight and 4% wasting at the National level.¹

The M2M project goal is to contribute to the reduction of maternal & child mortality by increasing access to MCHN services and reduced malnutrition by targeting. This is achieved through increasing capacity of health systems to deliver MNCH services and improving utilization of essential health services by pregnant, lactating mothers and children under five (5) years old. The capacity of health systems is increased by strengthening community level health structures to promote uptake of maternal child health services and also strengthening the community capacities for local health advocacy. In improving utilization of essential health services by pregnant, lactating mothers and children under five (5) years old, the focus is on increasing uptake of maternal child health services and community capacity building for uptake hygiene and sanitation practices within the project area.

The project from October 2019 to September 2020 is the last year of the 5-year intervention program, and also the last year of the 3-year study conducted concurrently to the intervention program. The goal of the 3-year study is to collect scientific evidence of improvement of maternal and child health through multi-sectoral interventions on health, nutrition and WASH, and assess the impact of the intervention. The intervention activities include behaviour change communication methodology to educate and lead the community to become more informed.

¹ Ilaramatak ADP Evaluation FY 2012, World Vision

3. Project Achievements

This report covers the activities conducted between October 1st 2019 and March 31st 2020.

Activities	Quantity	Achievements
1. Facilitate construction of a new water supply facility	<p>Development of water supply facilities</p> <ul style="list-style-type: none"> • Construction of water tank • Construction of water supply stations, drinking water for livestock, extension of pipelines <p>*This is a continuation of activities planned in the fourth year.</p>	<p>Construction of water tank (50 m3) is completed, and water stations and livestock fountains are under construction.</p> <p>*With funds separately provided to World Vision, the extension of the pipeline from the well to the Elangata Enterit health facility and to Elangata Enterit High School was completed.</p>
2. Promote construction of sanitation facility	<p>1) One training session for village health workers</p> <p>2) regular monitoring</p>	<p>30 Community Health Volunteers who received training last year received one refresher training of Community-Led Total Sanitation (CLTS).</p> <p>A total of 24 sanitary facilities were constructed at the initiative of local residents after the activities began. In order to achieve “Open Defecation Free”, changes in residents' awareness and behavior are still required. The village health staff, together with the Ministry of Health staff and the village headman, hold meetings to monitor and promote the construction of sanitation facilities in each village.</p>
3. Train Community Health Volunteers on Water, Sanitation and Hygiene (WASH)	<p>One training session conducted, and one awareness raising session conducted. (implemented at the same time as Activity 5)</p>	<p>30 CHVs underwent refresher training on water purification and sterilization methods. According to a survey by Nagasaki University, contamination of jerry cans used to keep water at home has been pointed out. In response, CHVs disseminated a message during their monthly home visits recommending that water tanks be cleaned twice a week.</p>

Activities	Quantity	Achievements
4. Establish and train school health clubs on WASH with hand washing facilities	3 school health clubs	Water sanitation training was provided to a total of 348 students from 3 schools (Elangata Enterit Elementary School, Elangata Enterit High School, and Isinon Elementary School) in the site. It is aimed to establish the custom of washing hands with soap by utilizing water tanks provided in the fourth year.
5. Sensitize the community on proper WASH practices	Continuously	In addition to raising awareness of the importance of hand washing, CHVs also promote the use of hand-washing equipment that can be made at home during home visits.
6. Train CHVs, male champions, and Traditional Birth Attendant (TBA) as key influencers on Maternal Newborn and Child Health (MNCH)	CHVs: Monthly awareness raising activity Religious leaders: 2 training sessions TBA: 1 training session	CHVs visited 116 pregnant women and taught them about the significance of antenatal and postnatal checkups and delivery at health facility. For 19 religious leaders, 2 training sessions were held to discuss how to convey a message to local residents. Afterwards, the religious leaders delivered messages on 6 themes on maternal and child health to 2,101 people (cumulative) at respective congregations. Refresher training on the importance of prenatal checkups were conducted for 30 traditional TBAs in Elangata Enterit.
7. Train CHVs on early childhood development	1 training session	Training was provided to 30 CHVs on such topics as play, communication, and a safe environment to promote children's growth and development. After that, four playgrounds where children can play safely were set put.
8. Facilitate training of CHVs and Mother to Mother Support Group (M2M group) on village saving and loan activity	1 joint training session	The members of CHVs and TBAs, which had already started the VSLA (Village Savings and Loan Association) activities in 2019 at Isinon received 1 joint training session. They discussed the revision of the regulations and the future activity plan. There are some positive changes identified. For example, one participant took a loan to pay for the tuition fees of five children and to run a grocery business. CHVs in Elangata Enterit also began VSLA activities in January 2020.

Activities	Quantity	Achievements
9. Conduct monthly mobile outreaches	6 times (Every month)	In cooperation with the Ministry of Health, mobile outreaches were conducted every month in 4 sites. In the past 6 months, 912 under 5 children were vaccinated, 332 of whom were fully immunized. The mobile outreach also conveyed to 654 breastfeeding women awareness raising messages regarding exclusive breastfeeding, vitamin A supplementation, child care, and hygiene practices.
10. Carry out periodic review meetings with Ministry of Health (MoH)	1 time	Joint meetings were held with the Ministry of Health, community leaders, CHVs, and partner NGOs. The joint meeting members conducted an analysis of the current service provision of the Elangata Enterit health facility and drew up a plan for future activities to improve it. As a result of the analysis, it was found that the key urgent challenges were the number of nurses, the stable supply of medicines and medical supplies, and stability of electricity. After the analysis, a new government-employed nurse has started working from December 2019. The electricity has also become stable.
11. Strengthen the system for providing guidance to health facilities	1 training session	Working with the Ministry of Health, the project team discussed issues at the Elangata Enterit health facility and drew up a plan of action for the future.
12. Strengthening health service management capacity	No training conducted	It was scheduled to be held in March, but was postponed due to COVID -19.
13. Conduct nutrition program	2 training conducted, no nutrition education conducted.	47 M2M Group members received training on child nutrition, including hygiene management, exclusive breastfeeding, and nutritious foods. After the training, the group members were able to share the knowledge they had learned with another 432 mothers. Training was provided to CHVs to convey the knowledge and messages necessary for each pregnancy period. It uses the World Vision business model to deliver the right message at the right time.

Activities	Quantity	Achievements
		Together with the Ministry of Health, the project team conducted follow-up nutrition assessment of a 6 to 59 month children. To date, the team has measured the height and weight of 144 children and provided them with appropriate treatment and meals. Undernourished children are followed until they recover.
14. Coordination meeting with the local government	1 time (Implemented simultaneously with activities 11)	The project team discussed with the Ministry of Health about the operation of the health facility after the project completion. In order to continue to utilize the facilities constructed in this project and provide necessary medical services, the Ministry of Health agreed to increase the number of medical personnel (Nurses and social workers). They also agreed that the Ministry of Health will continue to address the challenges facing the health facility facing. The project team plans to continue discussions and finally reach an agreement in writing.
15. Endline evaluation	On hold	<p>The research team from Nagasaki University collected samples of diarrhea at the Elangata Enterit health facility and the Maj Moto health facility. Between January and mid-March, 17 animal specimens, 119 human specimens, and 30 water samples from water sources were collected and tested for E. coli, rotavirus, and other bacteria.</p> <p>Since mid-March, sampling, sample processing and analysis have been suspended due to the influence of COVID -19. The number of samples is not sufficient to complete the study.</p> <p>The endline assessment of the household survey conducted by World Vision has been interrupted and incomplete due to the impact of COVID -19.</p>

Table 1. Number of patients receiving health services in mobile outreach

Item	October 2019 to March 2020
Pregnant women (15 -49 years old)	
Pregnant women who have had antenatal checkups or perinatal services	223
Pregnant women undergoing antenatal care (More than 4 times)	25
Number of deliveries attended by skilled birth attendants / Number of deliveries at health facilities	30
Number of pregnant women receiving HIV counseling and testing	88
Children under 5 years old	
Number of children completed vaccines	332
Number of children not vaccinated (dropout, etc.)	25
Stunting	24
Wasting	13
Underweight	41

Table 2. Trend in the number of people visiting the Elangata Enterit health facility

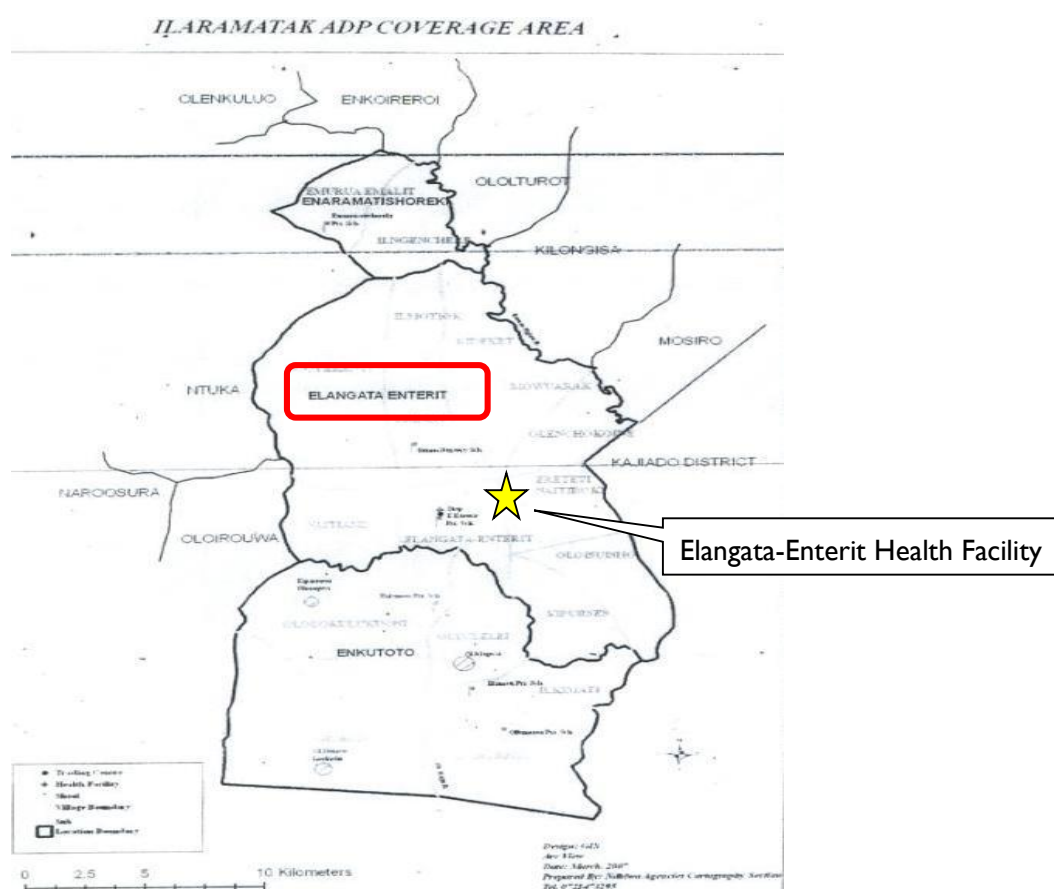
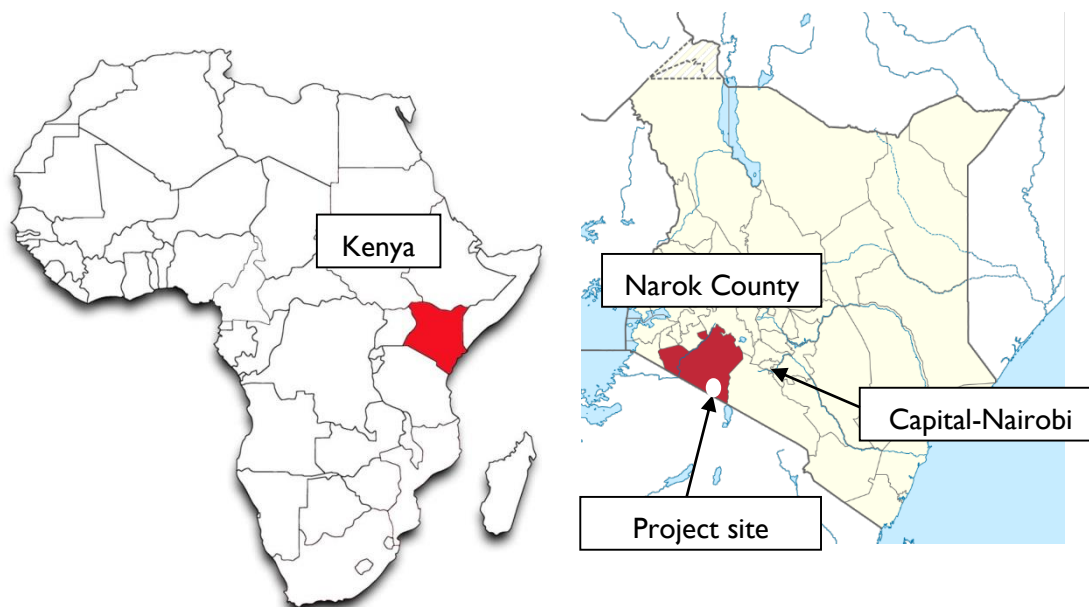
October 2017 to March 2018	October 2018 to March 2019	October 2019 to March 2020
1,667 persons	1,800 persons	2,404 persons

4. Project Implementation Schedule (Progress)

Activity Description		2019			2020								
		10	11	12	1	2	3	4	5	6	7	8	9
1. Facilitate construction of a new water supply facility	Plan												
	Actual												
2. Promote construction of sanitation facility	Plan												
	Actual												
3. Train Community Health Volunteers on Water, Sanitation and Hygiene (WASH)	Plan												
	Actual												
4. Establish and train school health clubs on WASH with hand washing facilities	Plan												
	Actual												
5. Sensitize the community on proper WASH practices	Plan												
	Actual												
6. Train CHVs, male champions, and Traditional Birth Attendant (TBA) as key influencers on Maternal Newborn and Child Health (MNCH)	Plan												
	Actual												
7. Train CHVs on early childhood development	Plan												
	Actual												
8. Facilitate training of CHVs and Mother to Mother Support Group (M2M group) on village saving and loan activity	Plan												
	Actual												
9. Conduct monthly mobile outreaches	Plan												
	Actual												
10. Carry out periodic review meetings with Ministry of Health (MoH)	Plan												
	Actual												
11. Strengthen the system for providing guidance to health facilities	Plan												
	Actual												
12. Strengthening health service management capacity	Plan												
	Actual												
13. Conduct nutrition program	Plan												
	Actual												
14. Coordination meeting with the local government	Plan												
	Actual												
15. Endline evaluation	Plan												
	Actual												

Appendix

Project site



Pictures from the Site



Construction completed on water tank



Washing hands using a Tippy Tap device



Due collection at a VSLA meeting



Clinical Officer at Elangata Enterit health facility providing lecture to local mothers on maternal and child health



Collecting stool samples from livestock



Collecting samples from households

List of abbreviations

ANC	Ante-Natal Care
ADP	Area Development Program.
CHV	Community Health Volunteer
CLTS	Community-Let Total Sanitation
MNCH	Maternal, Newborn, and Child Health
M2M	Mother to Mother
MoH	Ministry of Health
TBA	Traditional Birth Attendant
VSLA	Village Savings and Loan Association
WASH	Water, Sanitation and Hygiene

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