Against Malaria Foundation Post Distribution Monitoring Survey

Field Trip Report

WHP and Jiwaka (2017) Evaluation

AMF PDM Survey Team
5-15-2019

Project Title

AMF Post Distribution Monitoring Survey

Duration of Field Visits

The field work was divided into 2 phases. The 1st phase involved visiting 1.5% of the households that received AMF-funded nets in the most recent LLIN BedNet operations. The 2nd phase involved a revisit of the of the households that have been selected from the 1st phase.

Phase 1 & 2 Schedule

Team Members: Gordon Loga and Lucy Temon

AMF PDM Survey Schedule		
Province	**Start**	**Finish**
WHP	18 March 2019	31 March 2019
Jiwaka	1 April 2019	7 April 2019

Objective

Being a partner of Against Malaria Foundation we were asked to carry out a pilot project in WHP and Jiwaka. The purpose of the visit was to go to random communities selected by Against Malaria Foundation and do survey on selected households to monitor net presence, use and condition of the nets that were issued in the 2017 LLIN BedNet Operations. We were tasked to survey a total of 70 communities and do a 5 % revisit of 12 communities.

Methodology

- Identified CHW from local Health Facilities in the districts who then helped us identify the villages from within their catchment areas.
- Identified volunteer from within village with help from village councilor
- Trained volunteer for an average of 1-2 hours on how to do the survey. Did a few houses with him/her then let him/her complete the survey.
- Survey per village to be completed in 2 days' maximum.
- Revisit selected village upon receiving g the survey forms of the 1st visit to check work of survey volunteer.

Budget Analysis

AMF Post Distribution Monitoring Survey Cost

	WHP (2017)				Jiwaka (2017)			
Expense Type	**Budget**	**Actual**	**Variance**	**% Var**	**Budget**	**Actual**	**Variance**	**% Var**
Human Resource (Project Officer)	K8000	K6050	K1950	75.6	K8000	K3830	K4170	47.9
Survey Volunteer/Guide Cost	K2200	K2680	-K480	-21.8	K3000	K2340	K660	78
Car Hire Cost	K6000	K6000	0	0	K6000	K6600	-K600	-10
Fuel Cost	K1782	K1097	K685	61.6	K1782	K1104	K678	62
Stationary/Supply	K448	K270.31	K177.69		K608	K184	K424	30.3
Air Fares	K7300	K2785.60	K4514.40	60.3	K0	K0	K0	0
Accommodation/Food	K1400	K0.00	K1400	0	K2850	K0.00	K2850	0
Total	**K27,130.00**	**K18,882.91**	**K8,247.09**	**69.6**	**K22,240**	**K14,058**	**K8,182**	**63.2**

CHALLENGES

Challenges faced whilst carrying out the Survey

1. Chosen Households were scattered from each other/not close together
2. People in the community tend to go gardening or leave their homes during the day time and come home in the evening thus making survey data collection difficult.
3. Other Households not selected wanted their Houses to be surveyed thinking if they are not surveyed they will not get LLINs in the next LLIN BedNet Ops, thus arguing with the Survey volunteers.
4. Chosen communities scattered making it difficult to travel from one location to another.
5. Community Leaders telling us that they use the mosquito nets for other purposes, but once surveyed, the answers tell us differently.
6. Continuous rain led to bad road conditions slowing us down especially when travelling from one location to another on gravel road
7. Tribal fights
8. Unavailability of facility (Health Centre) officers – engaged in other programs, e.g. (Polio Vaccination programme)

RESULTS

Results after the survey has been done

1. Survey volunteer does not understand the questionnaire even after 1 on 1 training has been given, due to some survey forms filled incorrectly.

2. Some chosen Households in Plantations, Blocks, schools, Mission centres, the household head and family transferred or moved out to another location.

3. Household not surveyed due to death or people moving out of the community to go live in town.

4. Some of the answers by the HH head on the survey paper may not be factual due to the fact that household head thought that the survey was to find out their wrong doings (usage of mosquito net) and they might not get nets again in the next distribution.

5. 5 % Revisit of some communities was not done due to limited time, and tribal fighting.

6. Due to bad weather in both provinces, broken bridges, bad road conditions and landslide made it impossible to reach some communities so we were not able to go do the survey. Also tribal fighting was another factor survey was not done

7. A total of 11 communities (220 HHs) were not surveyed. 5 in WHP (100 HHs) and 6 in Jiwaka (120 HHs)

8. A total of 6 communities were not revisited. All were in WHP (72 HHs)

Table of Communities selected for the AMF PDM survey

WHP 1st VISIT

District	Community	Status	Reason (Not Surveyed)
Tambul Nebilyer	**Tiria**	Surveyed	
	Wapukola	**Not Surveyed**	2 villages with that name. Household names has no surname making it difficult to locate household head.
	Tonga	Surveyed	
	Tabaga	Surveyed	
	Tabaga Cath. Mission	Surveyed	
	Kombra	**Not Surveyed**	Bad Road Access-Trekking a few Hours
	Waibip (Kamda)	Surveyed	
	Yumbika 1	Surveyed	
Dei	**Rapi**	Surveyed	
	Kambuki	Surveyed	

	Kelem.2	Surveyed	
	Rumprump	Surveyed	
	Alonga	Surveyed	
	Korkur	Surveyed	
	Kondopina.2	Surveyed	
	Kuning	**Not Surveyed**	Tribal fight in that area
	Jim	Surveyed	
	Kumbanga	Surveyed	
	Puldung	**Not Surveyed**	Tribal fight in that area
	Mun C/Mission	**Not Surveyed**	Tribal fight in that area
	Mararong	Surveyed	
Mul \ Baiyer	**Endemane**	Surveyed	
	Ukup	Surveyed	
	Kenan.1	Surveyed	
	Opa	Surveyed	
	Wapsuklakaiya	Surveyed	
	Lumusa Station	Surveyed	
	Mondaiyanda	Surveyed	
	Bukapena	Surveyed	
	Bukapena Station	Surveyed	
	Keregamp	Surveyed	
	Manda	Surveyed	
	Minimp	Surveyed	
	Wap Kona	Surveyed	
	Mantima	Surveyed	

WHP 5% REVIST

District	Community	Status	Reason
Tambul Nebilyer	**Waibip (Kamda)**	Revisit	
Tambul Nebilyer	**Wapukola**	No Revisit	No 1st Visit
Dei	**Korkur**	No Revisit	Tribal fight in that area
Dei	**Mun C/Mission**	No Revisit	Tribal fight in that area
Mul \ Baiyer	**Kenan.1**	No Revisit	Limited time
Mul \ Baiyer	**Lumusa Station**	No Revisit	Limited time
Mul \ Baiyer	**Bukapena Station**	No Revisit	Limited time

JIWAKA 1st Visit

District	Community	Status	Reason
Anglimp South Waghi	**Kamdaka 1**	**Not Surveyed**	Broken Bridge,blocking road access to village
	Kindeng Factory	Surveyed	

	Mapi Project	**Not Surveyed**	Time was up so didn't cover the village
	Panga Coffee Factory	Surveyed	
	Polga 2		
	Tuning		
	Eka		
	Pakum		
	Pulgbulg		
	Beming		
	Kinzka Block		
	Factory		
	Tumbang	**Not Surveyed**	Broken Bridge, blocking road access to village
	Simbu Block	**Not Surveyed**	Broken Bridge, blocking road access to village
	Alois C/Factory	Surveyed	
	Ol		
	Kane		
	Banamil		
	Kurumul Nazarene		
	Manjamb		
	Munge		
	Millen	**Not Surveyed**	Landslide, Blocking road access to village
North Waghi	**Bunumwo 1**	Surveyed	
	Nukem Ombuntape		
	Wamol		
	Angnimp		
	Wana		
	Kerowil		
	Kisap		
	Olmep Gupalm		
	Nondugl Station		
	Parmel	**Not Surveyed**	Volunteer did not return survey papers, and we couldn't locate him
	Murkumb	Surveyed	
	Warala		
	Kumbal		

JIWAKA 5% REVISIT

District	Community	Status	Reason
Anglimp South Waghi	**Pakum**	Revisit	
	Pulgbulg		
	Kane		
North Waghi	**Bunumwo 1**		
	Wamol		

Results upon entering data into the Household Information Data Entry System (DES).

- Survey forms not filled correctly due to misunderstanding of the questionnaire (specifically question 3 and question 4)
- Head of household does not understand the questionnaire thus not answering accurately
- Nets worn out but still used in the household
- Nets used for other purposes like cover for nursey, used for fishing, etc.
- No net presence in the house due to Household owner reluctant to use
- Household owner did not receive nets during LLIN distributions
- 59 communities were entered into the DES (1180 HHs) from the 1st Visit phase
- 6 communities were entered into the DES (72 HHs) from the Revisit phase
- Some survey forms were not filled up due to movement of people out of community

DISCUSSIONS/CONCLUSION

With the challenges we faced, we managed to cover 59 of 70communities (WHP – 30 of 35 communities surveyed & JIWAKA – 29 of 35 communities surveyed) and do a revisit of 6 of 12 communities (WHP - 1 of 7 communities revisited & JIWAKA – 5 of 5 communities revisited) in both WHP and Jiwaka.

- The main issue was limited time and bad weather/road conditions and also tribal fighting making us to skip some of the communities. Whilst there in the middle of survey there was a tribal fight so 3 communities in WHP were not surveyed as they were the fighting zone areas.

- We also found out mass movement of people out of areas such as plantations, tribal fight zone, Schools and Mission Centres.

- With data collected we found most households were using the LLINs. Some used the LLINS for other purposes. Some were worn out but still used. The reason most were worn out might be due to the fact that they are tied next to the fireplace or pests breaking them.

- Some houses had no net presence at all sighting they did not receive during distributions or were reluctant to use.

By looking at the results we aim to improve on the areas where we did not succeed and hope to better the results in the next AMF PDM operations**.**

Here are a few points to consider when/if we do the next AMF PDM operations

- If given limited timeframe to work on in another province then I suggest we can use 2 vehicles, 1 vehicle per officer so that both 1st and 5% revisits can be completed on time.
- When AMF selects communities, they should check with RAM (PNG) regarding access to the selected communities to see if its accessible and can be covered
- Due to mass movement of people moving out of the selected communities, suggestions that AMF to select the communities only and not the specific household heads in that community, they can give the number of households they want surveyed.
- Alternative HH heads must be added with the selected HH heads in regards to doing a Revisit to cater for the spare HH head that has been used during the 1st visitation of a community if and when the selected HH head in 1st visit is not available.
- Suggestions to bring survey books when doing survey to verify against data collected for accuracy and fraud.
- Questions 3 and 4 of the survey form needs to be reviewed and edited as most household heads and even the survey volunteers misunderstood the questionnaire. When answering Q3 and Q4, some of the nets hanging were issued in previous LLIN BedNet operations (funded by Global Fund) and were included with the 2017 issued ones thus a big difference when verifying against the 2017 LLIN BedNet distributions in the Household Information Data Entry System (DES)
- If not given a limited timeframe then we can spend maximum 5 days in a district to complete survey in the selected communities, so quality of work is produced and not rushed
- 10 days is not feasible to do a survey of 35 communities; more time should be given if survey is to be done well. Here is a suggested timeframe that I think will be feasible in our next operations**.**

Suggested Time frame for survey in a Province	
Day 1-3	Planning and Selection of Survey Volunteers/Guides
Day 4	Training of Volunteer and Guides
Day 5-11	Survey and Revisit Simultaneously
Day 12	Payment of Survey Volunteers/Guides
Day 13	Extra day for consolidation
Day 14	End of Operations