

Global Fund Malaria Program



Submitted by: EDCD

Monthly Update [16 May to 15 June 2016]

MONTHLY UPDATE

Component : **MALARIA**

Report To : Global Fund and LFA

Report By : EDCD, Teku, Kathmandu

Update Period : [16th May – 15th June 2016]

Program Districts : 25

Major Program Interventions

- For the smooth implementation of the program, malaria related medicine and logistics are smoothly supplied to program districts regularly.
- For effectiveness in the program implementation, orientation/trainings to the staffs are continued.
- For minimizing data discrepancies, regular follow up and on site coaching are on-going.
- For updating the status of malaria risk district, micro-stratification is continuing.
- For minimizing the positive cases and to control the transmission, case notification and case based investigation is undergoing.
- For tracing & tracking all malaria cases, orientation is conducting for private practitioners and FCHVs.
- For providing information on vector species, their distribution, density, bionomics and susceptibility, entomological study is on-going.

Major Achievements

- Monthly report received regarding stock, LLIN distribution and Line Listing.
- Ward level Micro Stratification conducted in 15 districts.
- Approx. 2,800 student directly oriented in malaria disease through School Health Program in this period.
- Entomological study started which is conducting in 49 selected sites of 25 program districts.
- Successfully conducted Malaria Competency Assessment workshop.
- Successfully conducted workshop on Developing Guideline for Case Base Investigation.
- Successfully conducted Malaria Induction program including regional staff.
- Malaria cases are reporting in MDIS through SMS.
- Printed and dispatched pocket calendar to respective districts for disseminating during LLIN distribution.

1) Program Update

- Ward level micro-stratification conducted at 15 districts and school based health program conducted at 28 schools located at global fund program districts.
- Entomological study started to conduct in 49 selected sites of all 25 program districts.
- G6PDd survey conducted at 17 sites of 9 districts in this period out of 30 sites.
- 2 day workshop conducted to develop guideline for Case Base Investigation.
- Malaria induction program conducted for all malaria staff.
- Private Practitioners and FCHVs are orientated on malaria disease.
- Case Based Investigation continued as per the notification received in MDIS system.
- Malaria Competency Assessment workshop conducted at VBDRTC.
- Pocket calendar printed and dispatched to respective districts to disseminate during LLIN distribution.
- Quarterly bulletin 'Malaria Update' for the period Feb-Apr, 2016 printed and disseminated.

2) Program Activities

A. Ward-Level Micro-stratification & School Health Program



Student during school health program at Shree Saraswati HS School, Meeghauli, Chitwan

In this period, micro-stratification conducted in 15 districts namely Jhapa, Morang, Sunsari, Siraha, Saptari, Dhanusa, Mahottari, Rautahat, Bara, Chitwan, Nawalparasi, Pyuthan, Banke, Bardiya and Baitadi. Simultaneously, school health programs were conducted in 28 schools of Bara, Parsa, Rautahat, Saptari, Chitwan, Kapilbastu, Banke, Bardiya and Dadeldhura districts where approx. 2,800 students directly benefited through this program. The objective of this program is to orient and aware children about malaria disease and their roles & responsibilities to prevent the

transmission of malaria in the community.

B. Entomological Study

Entomological investigations are key and essential aspect of malaria vector control, as these investigations provide information on vector species, their distribution, density, bionomics and susceptibility/resistance to insecticides used for malaria control or elimination. The study will help to detect geographical distribution & distribution of various vectors, and to determine the role of the vector mosquito in the dynamics of transmission, their behaviour and seasonal prevalence. The study will be conducted in total 49 sites as per the random selection from 25 high & moderate risk districts. In this period, the study was completed in Meghauri, Chitwan and started in Kerabari, Morang from 13th June, 2016 where the team has allocated a week for their study in each sites.



C. G6PDd Survey



In this period, G6PD deficiency test conducted in 17 sites of 9 districts; Rautahat, Makwanpur, Sindhuli, Chitwan, Nawalparasi, Banke, Bardiya, Dadeldhura and Kanchanpur. It is conducting in 30 sites of the 12 program districts. The test is performed to determine the status of G6PD in humans in vitro. It is important to test for G6PD deficiency in patients such as in malaria diagnosed patients before administrating some drugs such as primaquine in order to avoid from acute hemolytic anemia.

D. Workshop to Develop Guideline for Case Base Investigation

EDCD with technical and financial support from Save the Children-Global Fund organized two days workshop for developing guideline for case base investigation from 28th to 29th May, 2016 at Hotel Woodland, Kathmandu. There were total 20 participants from EDCC including malaria focal persons from Jhapa, Makwanpur, Nawalparasi, Banke and Kanchanpur districts. The objective of the program was to develop a guideline for Malaria Case Base Surveillance. The program was also successful to understand the effectiveness of the malaria program in the districts and share knowledge on the current practice on case base surveillance in district level. The program was conducted in the presence of Dr. Baburam Marasini, Director of EDCC where there were presentations by Dr. Prakash Ghimire from WHO, Dr. Guna Nidhi Sharma from EDCC and Dr. Suman Thapa from Save the Children. In the meantime, the participants were divided into groups to work on guideline. The program was successful to draft a guideline which will be presented later in the TWG meeting for the discussion and approval.



E. Malaria Induction Program



Save the Children-Global Fund organized malaria induction program on 4th June, 2016 for all staffs from malaria program including new staffs (SMC & entomologists) and regional key staffs to inform & share them about the ongoing activities and planning of malaria program. This program was successful to gather central and regional staffs into one roof and aware them about malaria program. Through this program, it was also expected to motivate staffs to

work in a good coordination for cost effectiveness as well. Furthermore it also provided an opportunity for regional staffs to gain insight of the malaria program, their effectiveness, challenges and the areas for improvement in the future.

F. Private Practitioner's Meeting and FCHVs Orientation

As per the plan to conduct private practitioner's meeting in 15 high risk and 10 moderate risk districts for malaria, it was successfully done in Chitwan, Kapilbastu, Nawalparasi and Rupandehi districts on this period. The objective of this meeting was to orient private practitioner about the malaria disease, so that it will help to trace and track malaria positive cases from private sector as 20% cases are not recorded or reported under the national reporting system.



Similarly, FCHVs Orientation was conducted on Chaumala, Malakheti and Godavari VDCs of Kailali district and Daijee VDC of Kanchanpur district. This program helps to enhance the capacity of FCHV where they are motivated to refer any suspected cases in the health facilities with referral coupon. This way, it will strengthen community system to trace and track malaria positive cases those are missing in the community.

G. Malaria Case Investigation

As per the cases reported on MDIS system through mobile SMS from districts, team mobilized to investigate and confirm the cases in respective districts. In this period, total 34 cases were reported from Bara, Sindhuli, Chitwan, Nawalparasi, Kapilbastu, Rupandehi, Surkhet, and Kanchanpur districts, where EDCD team and team from the respective district including VCI and Lab personnel visited the sites to confirm and investigate the cases.

H. Malaria Competency Assessment Workshop



Malaria Competency Assessment Workshop conducted from 23rd to 26th May, 2016 at VBDRTC. The general objective of the training was to enhance and assess internal competency and capacity of laboratory technicians/laboratory assistants in malaria microscopy so that they could effectively contribute to malaria elimination. A total of 11 laboratory professionals attended this workshop which helped them to enhance their knowledge on malaria microscopy. The composition of

participants included following districts; Morang, Mahottari, Bara, Parsa, Makwanpur, Chitwan, Nawalparasi, Kapilbastu, Dang, Kailali and Kanchanpur.

3) Next Period Planning (16th June to 15th July, 2016)

- Continue ward level Micro-stratification, GPS coordinating and school based health program at other remaining districts.
- Conduct G6PD deficiency survey in the remaining sites.
- Continue orientation for FCHVs and Private Practitioners.
- Continue entomological study as per the plan.
- Conduct Basic Malaria Microscopy Training.
- Organize National Multisectoral Advocacy Meeting.
- Print NMSP (2014-2025) in Nepali.

4) Next Monthly Reporting Update

Reporting Period : 16th June to 15th July 2016

Reporting Due Date : 31st July 2016