

Northern Province – Quarter 2_Field Trip Report



Date: 25th of April 2024 to 11th May 2024

Name of officer involved:

1. Driver – Mr. Robin Koike,
2. Malaria Elimination Officer - Mr. Bernard Goviro
3. Gideon Pokowas – HMMO Oro
4. Henry Saofe – PMS Oro
5. Aileen Watakapura – RMC
6. CMVs and teachers from Bagau, Koipa, Ilimo Elementary school

Report Compiled by: Aileen Watakapura

Summary

This is a brief summary report for the quarter one field trip conducted in Oro – Northern province from 25th April to 11th May 2024. The team that went out comprise of the PHA driver, PHA officer x 1, PMS and myself. This visit was purposely for health facility monitoring and data quality checks and also an orientation visit for the PMS to the facilities and the activities that are conducted during a health facility supervisory visit. The activities conducted during the visit includes drug distribution, ANC net distribution and follow up on outstanding facility reports. There are a total of 20 health facilities in the province, however only 17 are functional and 3 are closed. We visited a total of 11 health facilities in the province out of the 17 functioning facilities. One of the accessible facility not visited is Ambasi HC due to south easterly winds and rough seas we were not able to visit. The other 5 health facilities not visited are inaccessible facilities, Ioma, Itokama, Sakarina, Emo River and Afore. Attempt to visit Afore was done however due to heavy rains and floods the PMS and team that went, were not able to cross a river to the other side of the road and had to return. However, the PMS said to visit the facility in the following week. Another activity that was conducted during the visit was the school survey targeting 150 elementary school children to identify the malaria prevalence in the province. In which we conducted x3 surveys in 3 elementary schools which are Bagou, Koipa and Ilimo. This is the same survey that will happen again towards the end of this year around October. The report for school survey was done by the PMS and submitted to NPHA – Public health director already.

Activities conducted during the health facility visit includes;

- Distribution of Malaria Commodities (ACTs, RDTs, ANC Nets, Primaquine)
- Stock count of malaria commodities at the facility and restocking of items
- Checking for HF Malaria Registers/ANC registers
- Ensuring Primaquine stat doses and Fansidar IPTp is practiced by health care workers
- Ensuring monthly timely reporting via NHIS
- Follow up on HF outstanding reports from January to April
- Ensuring HMM program is supported by respective facilities.

AL and RDT distribution

The team distributed ACTs and RDT kits to all the facilities mentioned above during the health facility visit. Most of the facilities has adequate stock on hand during the visit so we topped them up while others that surplus we did not supply them but brought back the items to keep as buffer stock or supply to facilities that are using up supplies fast. Supplies for quarter 2 were received on the 29th of April 2024 which as in time for distribution.

There was no major stock out of ACTs/RDTs being reported in this quarter. We've also supplied some of the Aid-posts who are reporting very well but due to accessibility and distance couldn't make it to their reporting facility and had come straight to the office. However, we also encourage them to go back to their reporting facility for supplies when they can and to work well with their health centers so they can be supported well.

We still have enough RDT kits in the province as per the figures below. For the hard to reach facilities, once they come into town they can collect their supplies from the office.

Receiving report for the Q2 supplies 2024. We had some missing items from a mixed carton that was opened along the way and some ACT boxes being removed from the carton. This issue was reported to the PX cargo and RAM logistics team later.

RECEIVING REPORT									
RECEIVED FROM:	Rm				INVOICE NO.:				
RECEIVED AT:	Airi Nungini Cargo				CONSIGNMENT/WAYBILL NO.:				
(PROVINCE)	Papua								
CARTON #	NO. OF BOXES	QUANTITY PER CARTON	TOTAL QUANTITY	TOTAL IN BANC	BATCH #	EXPIRY DATE	CONDITION OF GOODS	REF. NO.	
1	1	ACT6	20	20	600	3E07047	12/25	✓	
2	1	AL12	24	24	720	CIAP4401	12/25	✓	
3	1	AL18	24	24	720	7253867	12/25	✓	
4-6	3	AL24	24	72	2,168	7254203	12/25	✓	
7-9	3	PS	400	1200	100000	JMP-102	12/25	✓	
10	1	AL18	14	14	420	7254203	12/25	✓	
11	1	AL24	9	9	270	CIAP4401	12/25	✓	
		AL6	11	11					
		AL12	0	0					
12	1	AL12	24	24	720	CIAP4401	12/25	✓	
MISSING ITEMS									
					x 2 boxes ACT 18				
					x 4 boxes ACT 12				

ACT & RDT Reconciliation

All registers were submitted to the PMS who is currently entering them into the data base. I have advised him to send the information so I can have it updated in the ACT & RDT reconciliation data base once done.

ANC LLIN Net Distribution

The team distributed a total of 890 ANC net from the remaining balance of 1000 nets in the 1st quarter distribution to respective health facilities and outreach patrol teams that went out during this quarter. Currently our remaining balance is 110 nets left in the storage container which the PMS will be using for distribution. There was also another container that has some bale nets there which was left by the household LLIN team the figures will be confirmed by the PMS and put on a new stock sheet.

The below shaded area in orange is the distribution done after quarter 1 RMC visit till the quarter 2 RMC visit.

DATE	DELIVERY TO HEALTH CENTRE	PERSON RECEIVING GOODS	OFFICER SUPPLYING NETS	DOCUMENTATION NO.	STOCK IN	STOCK OUT	BALANCE
01/01/2024	BROUGHT FORWARD FROM 2023	Gideon PAPI			1500		1500
16/01/2024	POPONDETT A UC	VICKIE LAKI	GIDEON PAPI	38814		100	1400
25/01/2024	SIROGA HC	CHARLES YUDUP	GIDEON PAPI	38815		100	1300

31/01/2024	GONA SC	MARGERETH ABUSP	GIDEON PAPI	38816		50	1250
06/02/2024	KOKODA HC	MARGERETH ABUSP	AILEEN WATAKAPURA	38817		100	1150
09/02/2024	ORO BAY HC	JENNIFER OGAVE	AILEEN WATAKAPURA	38818		50	1100
12/02/2024	AKO HC	JIM KONEMBO	AILEEN WATAKAPURA	38819		50	1050
13/02/2024	TUFI HC	BORNA. J. LEKONG	AILEEN WATAKAPURA	38820		50	1000
17/02/2024	Korisata	HAROLD KORINA	GIDEON PAPI	38821		50	950
07/03/2024	SAIHO HC	PHILLIPA BORA	HENRY SAOFE	29802		50	900
07/03/2024	URBAN CLINIC	MARIA ARABATTA	HENRY SAOFE	29801		100	800
08/03/2024	GONA SC	MARK MELLOS	HENRY SAOFE	29803		5	795
04/04/2024	URBAN CLINIC	MARIA ARABATTA	HENRY SAOFE	29805		100	695
15/04/2024	SAFIA HC	NITCHKY G	HENRY SAOFE	29805		50	645
17/04/2024	TUFI HC	MARGARET HITE	HENRY SAOFE	29808		50	595
17/04/2024	SAIHO HC	MARCELLA DIKINIA	HENRY SAOFE	29807		35	560
18/04/2024	SANGARA HC	ROJIL BAMBI	HENRY SAOFE	29809		50	510
30/04/2024	ORO BAY HC	M. BORI	HENRY SAOFE	29810		50	460
02/05/2024	KOKODA HC	FLORENCE TUMBARI	HENRY SAOFE	29811		50	410
06/05/2024	WANIGELA HC	HERCULES G	HENRY SAOFE	29811		50	360
06/05/2024	URBAN CLINIC	MARIA ARABATTA	AILEEN WATAKAPURA	29811		200	160
06/05/2024	SIROGA HC	CHARLES YUDUP	AILEEN WATAKAPURA	29811		50	110
							110

IPTp Therapy

Almost all the facilities providing ANC services are doing IPTp, however some are still using the old practice which is starting IPTp in the 1st trimester especially the elderly midwives. Some has grasp the knowledge however are not practicing it.

No trainings were conducted during this quarter visit however we are planning for one in the next quarter for the hospital since this area needs more improvement in terms of their data collection and reporting.

Ensuring timely reporting

It was the end of month reporting period when we visited the facilities so most of the facilities have already removed the registers for the previous months for their reporting and some have also submitted to PHA/PHIO/PMS. We also followed up with the facilities with outstanding reports. Popondetta hospital is one of the facilities with pending reports since last year 2023 and from January to April 2024 still no reports submitted despite number of times we followed up at the medical records. Most of the sections in the hospital are submitting reports however the held-up is with the medical records team. Some other facilities with one or two pending reports as highlighted in red in the table below includes Ambasi, Kokoda, Saiho and Siroga. We aren't too sure if Manau and Itokama are operating fully or not. From the table

below also we could see that some facilities are still reporting clinical cases despite they have RDTs at the facility.

Table showing NHIS_Malaria Report for Northern Province_January to May 2024 _Dated: 28/5/24

HF code	Health Facility	No. of reports submitted	Out Patient Clinical	Out Patient RDT	Inpatient Clinical	Inpatient RDT
60101	Afore HC	4	0	58	0	1
60102	Ako SC	4	0	574	0	0
60103	Ambasi SC	3	3	666	0	1
60104	Gona SC	4	0	1039	2	2
60105	Itokama SC	0	0	0	0	0
60106	Oro Bay HC	4	0	2012	3	17
60107	Popondetta HO	0	0	0	0	0
60108	Popondetta UC	4	0	1363	0	0
60109	Safia SC	0	0	0	0	0
60110	Sakarina SC	4	6	116	0	0
60111	Tufi HC	4	7	520	0	0
60112	Wanigela SC	4	0	1251	0	0
	IJIVITARI District	35	16	7599	5	21
60201	Emo River SC	4	26	60	3	2
60202	Ioma SC	4	24	173	0	0
60204	Kokoda HC	3	0	645	4	5
60205	Manau SC	1	0	248	0	0
60206	Saiho HC	2	0	115	2	2
60207	Sangara HC	4	0	383	0	1
60208	Siroga HC	2	7	820	0	4
	SOHE District	20	57	2444	9	14
	Northern Province	55	73	10043	14	35

Key findings

Most of the facilities are doing well with their reporting, it's just a few health facilities per listed below are recording plasmodium vivax, malariae, and ovale as part of the RDT test results which is not correct. Those species are only identified through microscopy. Refer to highlighted sections in table below.

Table showing malaria positive cases being reported from 1st Jan to 24th May 2024

Sum of month		
Health Facilities	1	Grand Total
Afore HC	140	140
Mixed infection (Including P. falciparum)	46	46
Non P. falciparum	26	26
Plasmodium falciparum	68	68
Ako SC	1243	1243
Mixed infection (Including P. falciparum)	763	763
Non P. falciparum	91	91
Plasmodium falciparum	389	389
Ambasi SC	508	508
Mixed infection (Including P. falciparum)	282	282
Non P. falciparum	70	70
Plasmodium falciparum	156	156
Emo River SC	194	194
Mixed infection (Including P. falciparum)	85	85
Plasmodium falciparum	104	104
Plasmodium vivax	5	5
Gona SC	3502	3502
Mixed infection (Including P. falciparum)	1801	1801
Non P. falciparum	326	326
Plasmodium falciparum	1328	1328
Plasmodium malariae	41	41
Plasmodium vivax	6	6
Ioma SC	396	396
Mixed infection (Including P. falciparum)	220	220
Non P. falciparum	24	24
Plasmodium falciparum	152	152
Itokama SC	66	66
Mixed infection (Including P. falciparum)	4	4
Plasmodium falciparum	58	58
Plasmodium ovale	4	4
Oro Bay HC	3822	3822
Mixed infection (Including P. falciparum)	2129	2129
Non P. falciparum	774	774
Plasmodium falciparum	919	919

Popondetta HO	228	228
Mixed infection (Including P. falciparum)	108	108
Non P. falciparum	28	28
Plasmodium falciparum	92	92
Popondetta UC	1358	1358
Mixed infection (Including P. falciparum)	446	446
Non P. falciparum	268	268
Plasmodium falciparum	644	644
Saiho HC	523	523
Mixed infection (Including P. falciparum)	169	169
Non P. falciparum	144	144
Plasmodium falciparum	206	206
Plasmodium vivax	4	4
Sakarina SC	427	427
Mixed infection (Including P. falciparum)	122	122
Non P. falciparum	199	199
Plasmodium falciparum	102	102
Plasmodium vivax	4	4
Sangara HC	108	108
Mixed infection (Including P. falciparum)	60	60
Non P. falciparum	20	20
Plasmodium falciparum	28	28
Wanigela SC	2620	2620
Mixed infection (Including P. falciparum)	1159	1159
Non P. falciparum	741	741
Plasmodium falciparum	717	717
Plasmodium vivax	3	3
Grand Total	15135	15135

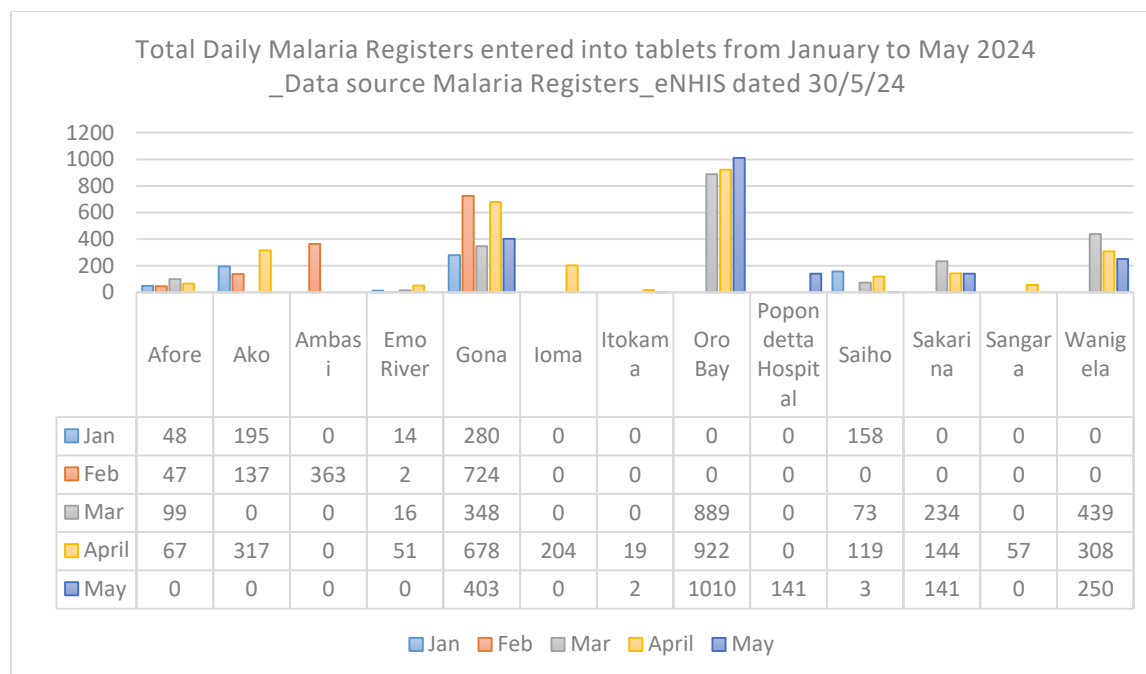
Total number of malaria cases tested and treated from January to May 2024 in Northern province

The table below shows the number of malaria cases tested and treated from January to May 2024 being reported using the eNHIS tablets. Some months with zero data recorded (highlighted in yellow) means there are no data entered for that month into the tablet per facility.

Health facilities	Months					Grand Total
	Jan	Feb	Mar	Apr	May	
Afore HC	48	47	99	67	0	261
Mixed infection (Including P. falciparum)	10	6	0	6		22
Negative	31	38	80	55		204
Non P. falciparum	1	2	7			10
Plasmodium falciparum	6	1	12	6		25
Ako SC	195	137	0	317	0	649

<i>Mixed infection (Including P. falciparum)</i>	73	53		146		272
<i>Negative</i>	56	39		90		185
<i>Non P. falciparum</i>	21	11		12		44
<i>Plasmodium falciparum</i>	45	34		69		148
Ambasi SC	0	363	0	0	0	363
<i>Mixed infection (Including P. falciparum)</i>		141				141
<i>Negative</i>		109				109
<i>Non P. falciparum</i>		35				35
<i>Plasmodium falciparum</i>		78				78
Emo River SC	14	2	16	51	0	83
<i>Mixed infection (Including P. falciparum)</i>	1	1	2	19		23
<i>Negative</i>	3		3	15		21
<i>No Result</i>	1		1			2
<i>Plasmodium falciparum</i>	9		9	17		35
<i>Plasmodium vivax</i>		1	1			2
Gona SC	280	724	348	678	403	2433
<i>Mixed infection (Including P. falciparum)</i>	86	226	100	152	94	658
<i>Negative</i>	121	318	173	381	184	1177
<i>No Result</i>		2		2		4
<i>Non P. falciparum</i>	15	37	19	20	32	123
<i>Plasmodium falciparum</i>	56	121	56	123	92	448
<i>Plasmodium malariae</i>	1	20				21
<i>Plasmodium vivax</i>	1	0			1	2
Ioma SC	0	0	0	204	0	204
<i>Mixed infection (Including P. falciparum)</i>				55		55
<i>Negative</i>				104		104
<i>No Result</i>				1		1
<i>Non P. falciparum</i>				6		6
<i>Plasmodium falciparum</i>				38		38
Itokama SC	0	0	0	19	2	21
<i>Mixed infection (Including P. falciparum)</i>				1		1
<i>Negative</i>				5		5
<i>Plasmodium falciparum</i>				12	2	14
<i>Plasmodium ovale</i>				1		1
Oro Bay HC	0	0	889	922	1010	2821
<i>Mixed infection (Including P. falciparum)</i>			276	219	270	765
<i>Negative</i>			429	493	500	1422
<i>No Result</i>			1	4	8	13
<i>Non P. falciparum</i>			86	94	114	294
<i>Plasmodium falciparum</i>			97	112	118	327
Popondetta HO	0	0	0	141	1	142

<i>Mixed infection (Including P. falciparum)</i>				27		27
<i>Negative</i>				80	1	81
<i>No Result</i>				4		4
<i>Non P. falciparum</i>				7		7
<i>Plasmodium falciparum</i>				23		23
Popondetta UC	0	434	0	357	0	791
<i>Mixed infection (Including P. falciparum)</i>		73		75		148
<i>Negative</i>		219		125		344
<i>Non P. falciparum</i>		36		49		85
<i>Plasmodium falciparum</i>		106		108		214
Saiho HC	158	0	73	119	3	353
<i>Mixed infection (Including P. falciparum)</i>	25		13	25	1	64
<i>Negative</i>	64		29	47	1	141
<i>No Result</i>	1					1
<i>Non P. falciparum</i>	31		12	18	1	62
<i>Plasmodium falciparum</i>	37		19	28		84
<i>Plasmodium vivax</i>				1		1
Sakarina SC	0	0	234	144	141	519
<i>Mixed infection (Including P. falciparum)</i>			9	5	19	33
<i>Negative</i>			202	103	98	403
<i>No Result</i>			1			1
<i>Non P. falciparum</i>			12	22	18	52
<i>Plasmodium falciparum</i>			10	13	6	29
<i>Plasmodium vivax</i>				1		1
Sangara HC	0	0	0	57		57
<i>Mixed infection (Including P. falciparum)</i>				15		15
<i>Negative</i>				30		30
<i>Non P. falciparum</i>				5		5
<i>Plasmodium falciparum</i>				7		7
Wanigela SC	0	0	439	308	250	997
<i>Mixed infection (Including P. falciparum)</i>			123	110	70	303
<i>Negative</i>			128	100	79	307
<i>Non P. falciparum</i>			88	53	53	194
<i>Plasmodium falciparum</i>			99	45	48	192
<i>Plasmodium vivax</i>			1			1
Grand Total	695	1707	2098	3384	1810	9694



Facilities that are doing well with daily registering of malaria data into the tablets includes the following facilities as indicated in the table above; Afore, Ako, Emo River, Gona, and Saiho. Those are facilities with one month missing data. Oro Bay, Sakarina and Wanigela has some missing data for months January and February however have done really well from March to May. From their data we can also conclude that, those are the facilities that use up malaria commodities fast. We also noticed that most facilities are doing well in terms of keeping records in the malaria register book however daily entering into the eNHIS is a problem to some due to their own challenges at the facility level.

Stock level of commodities

There was no stock out of AL being reported in this quarter. Almost all the facilities still have some AL supplies on their selves at the time of visit to their facilities.

We still have surplus of RDT cartons in the store room from the Q2 supplies at the PHA malaria office.

We also noticed from our quarter two supplies received from PX cargo that one of the boxes was opened and some cartons of ACTs were missing while doing receiving. During the stock count the team noticed x6 boxes of ACTs went missing and reported the issue to logistics plus the air niugini cargo team and advised them to allow us to be the ones to collect the supplies from the airport instead of them bringing it and storing them in their storage containers.

Otherwise, there are no major issues identified during the quarter visit.

School Survey Results

School survey was conducting in 3 elementary schools in the Northern Province which are, Bagou, Koipa and Ilimo. The survey targets 150 elementary school children to identify the prevalence of malaria in the province. Children represents the communities since they are always in the community and don't move around most times. The survey happens in the beginning of the 2nd quarter and towards the 3rd quarter in a year. It is a one of the annual activity of the malaria program. It's a mass testing and treatment of malaria for those target groups. In those 3 participating schools, we tested a total of 283 children from those 3 schools and a total of 58 were tested positive for malaria and was treated on the spot. Some challenges we faced during the survey was, a number of children absconded, while others didn't turn up for school due to misinformation and fear from parents.

Elementary School	Total Tested	Total Positive	PF	NPF	Mixed	Negative	Total Treated	Splenomegally
Bagou	97	16	8	4	4	81	16	Nil
Koipa	39	0	0	0	0	0	0	Nil
Ilimo	147	42	31	3	8	105	42	1
Grand Total	283	58	39	7	12	186	58	1

Challenges

Challenges identified during the visit includes;

1. Experiencing delayed reporting in some facilities
2. Lack of supervisory visits from health centres/sub centres to aid posts and CMVs resulting in them coming straight to the Malaria office to collect supplies.
3. CMVs not submitting timely reporting to the reporting facility causing delayed reporting and also discrepancies in the reports for each months since the reports will be entered into the next month's report.
4. Weather has been a challenge disrupting scheduled visits to some facilities.
5. A number of activities occurring at the same time causing inconveniences with other program activities including sharing of vehicle was a challenge as well.

Recommendations

- PHA directors to ensure OICs are delegating tasks to other officers on the ground in the event of their absence or when being appointed roles at the PHA level so there is consistency in the smooth running of the activities at the facility.
- PMS/HMMO to ensure Health Centres /Sub-Centres are supporting Aid posts and CMVs especially with malaria supplies and are also providing timely reporting to the reporting facilities.
- Prior planning of activities and keeping everyone in the loop is essential in avoiding any inconveniences out in the field especially with the program activities.

Highlights of the school survey and health facility visits in Oro.



CMVs assisting in conducting the school surveys



PMS and NPHA malaria elimination officer conducting one on one sessions with staffs of Wanigela and Tufi H/C



surrounding communities of Gona came together in preparation for the video shooting team