

QUARTER ONE REPORT

National Capital District- Malaria Supervisory Health Facility Visits

2024

Ivy Niemperry
MALARIA COORDINATOR-NCDC

SUMMARY DETAILS

Name of Officer: Ivy Niemperry
Destination: National Capital District
Date of Visits commenced: 21.02.2024 to 26.03.2024
Number of Days: 13 days
Purpose of Visit: 2024 Round 1 of Supervisory Malaria Visits & Distribution of RDT and MALA 1.

PURPOSE OF VISIT

A Regional Malaria Coordinator Visit to the province is a part of the National Malaria Control Program to;

1. Conduct supervisory M&E visits and a view to improving Malaria record and reporting in the province
2. Coordinate the distribution of Malaria commodities to accessible Health Facilities which includes RDT Malaria Test Kits, Artemisin Combine Therapy Drugs, antenatal nets for pregnant woman and Positive Nets for Malaria Positive Patients.
3. Identify challenges that are faced in the facilities and take necessary measures to correct them.
4. Conduct short on-site trainings with provincial, district and Health Facility staff on the current malaria treatment protocol, Use of the types of RDT filling of Malaria register, malaria reporting and;
5. Maintain a good working relationship with PHA and the Health Facility staff as well as other partners in the province.

BRIEF BACKGROUND

The National Capital District of Papua New Guinea is the Capital of PNG. Although it is surrounded by Central Province, where Port Moresby is also the capital, it is technically not a part of that Province and is a province of its own. Port Moresby city and the capital of Papua New Guinea, southwestern Pacific Ocean. The City is situated on the eastern shore of Port Moresby Harbor of the Gulf of Papua. Before the arrival of Europeans, the area around the harbor of the Gulf of Papua. the area was inhabited by the Motu and Koitabu people, fishermen and yam famers who traded with other settlements up and down the coast. The Harbor was explored in 1873 by Captain John Moresby. Who named its two sections Fairfax and Moresby for his father, Adm. Sir Fairfax Moresby. The entire area later became popularly known as Port Moresby after the British annexed it in 1883-84, and the town became a main Allied base and primary a Japanese objective during World War II (Britannica, 2021). NCD has three districts which includes Port Moresby South, Port Moresby North East and Moresby North West District. NCD has a total of 27 Health Facilities two of the facilities are permanently closed. Twenty-Five functioning Health Facilities caters for most of the Population in the City as well as people from the boarder Province of Central & Gulf.

Assisting Malaria Coordinator

1. Erica Nawara- Assisted with the distribution of Antenatal Nets while RMC in charge was still on Leave for four days (21.02.24 to 27.02.2024)

Drivers

Assisted the RMCs from the 21.02.2024 to 26.03.2024 for 13 days

1. Raymond Ure-NMCP Driver- Assisted with Antenatal Nets Distribution
2. Bagu Bagu – Program Driver-Assisted with Antenatal Nets Distribution
3. Tau Gini- Program Driver Assisted with M&E, Distribution of Drugs and RDT
4. Havira Igo- Program Driver –Assisted with Positive Net Distribution

People Met With

1. OIC/Clinic Managers and Health Staff of all the Health Facilities in NCD

VEHICLE USE

- BGO 228-RAM Vehicle
- BEO 571-RAM Vehicle
- BFS 316- RAM Vehicle

SUMMARY OF SUPERVISORY HEALTH FACILITY VISITS

Table 1. Health Facilities in the province and their accessibility.

	District	Health Facility	Health Facility Type	Agency	Accessibility	Accessibility Status
1	North East	Bomana Police	UC	Government	Road	Accessible
2	North East	Bomana CIS	UC	Government	Road	Accessible- Closed
3	North East	Gordons	UC	Government	Road	Accessible
4	North East	POM GEN	Hospital	Government	Road	Accessible
5	North East	Six Mile	UC	Government	Road	Accessible
6	North East	Nine Mile	UC	Government	Road	Accessible
7	North East	Jacksons Airbase	UC	Government	Road	Accessible
8	North East	Susu Mama	UC	Non-Government	Road	Accessible-Closed
9	North East	PNGEI	UC	Government	Road	Accessible
10	North West	Gerehu Hospital	Hospital	Government	Road	Accessible
11	North West	Morata	UC	Catholic	Road	Accessible
12	North West	Murray Barracks	UC	Government	Road	Accessible
13	North West	St Therese	UC	Catholic	Road	Accessible
14	North West	Tokarara	UC	Government	Road	Accessible
15	North West	UPNG Clinic	UC	Government	Road	Accessible
16	North West	St Paul's Gerehu	UC	Catholic	Road	Accessible
17	North West	Begabari Clinic	UC	Non-Government	Road	Accessible
18	North West	PILAG Clinic	UC	Non -Government	Road	Accessible
19	South	Badili	UC	Government	Road	Accessible
20	South	Kila Kila	UC	Government	Road	Accessible/Closed
21	South	Lawes Road	UC	Government	Road	Accessible
22	South	Pari	UC	Government	Road	Accessible
23	South	Vabukori	UC	Government	Road	Accessible
24	South	PNGDF Taurama	UC	Government	Road	Accessible
25	South	Four Square	UC	Church	Road	Accessible
26	South	Ulamagi	UC	Nazarene Church	Road	Accessible
27	South	Salvation Army	UC	Salvation Church	Road	Accessible

Table 2: Health Facilities Physically Visited

No	Date of Visit	District	Health Facility	Comments
1	05.03.2024	South	Badili	Physically Visited
2	04.03.2024	South	Pari	Physically Visited
3	05.03.2024	South	Vabukori	Physically Visited
4	04.03.2024	South	4 Square (Kaugere)	Physically Visited
5	05.03.2024	South	Lawes Road	Physically Visited
6	04.03.2024	South	Ulamagi	Physically Visited
7	05.03.2024	South	Salvation Army	Physically Visited
8	07.03.2024	North West	Morata	Physically Visited
9	07.03.2024	North West	Murray Barracks	Physically Visited
10	06.03.2024	North West	St Therese	Physically Visited

11	07.03.2024	North West	UPNG Clinic	Physically Visited
12	07.03.2024	North West	St Paul's Clinic	Physically Visited
13	06.03.2024	North West	PILAG/IPA	Physically Visited
14	06.03.2024	North West	Begabari	Physically Visited
15	06.03.2024	North East	Gordons	Physically Visited
16	06.03.2024	North East	6 mile	Physically Visited
17	06.03.2024	North East	9 mile	Physically Visited
18	06.03.2024	North East	PNGEI Clinic	Physically Visited
19	06.03.2024	North West	Tokarara	Physically Visited
20	07.03.2024	North West	Gerehu hospital	Physically Visited
21	08.03.2024	North East	POM General Hospital	Physically Visited
22	04.03.2024	North East	Bomana Police	Physically Visited
23	04.03.2024	North East	Bomana CIS	Physically Visited
24	04.03.2024	North East	Jacksons Airbase	Physically Visited

Table 3: Percentage of Accessibility

There are 27 health facilities per table 1 above of which four were closed. One facility is permanently closed that's Kila Kila UC, Susu Mama Clinic has been closed since 2022 due to no funding and Taurama Barracks Clinic is temporarily Closed since late 2023 until Renovation of the building is completed.

	Qtr 1	Qtr 2	Qtr 3	Qtr 4
Total number HFs	27	27	27	27
Total Number Accessible	24	24	24	24
Total Number Reached	24			
% Coverage (Accessible)	100.0	0.0	0.0	0.0
% Coverage (Total HFs)	88.9	0.0	0.0	0.0

ANC LLIN REPORT

1. Antenatal Nets for Q1 NCD.

2024 ANC Net Distribution in NCD	
Quarter One (1)	2350
Quarter Two (2)	
Quarter Three (3)	
Quarter Four (4)	

POSITIVE LLIN REPORT

2. Positive Nets for Q1 NCD.

2024 Positive Net Distribution in NCD	
Quarter One (1)	950
Quarter Two (2)	
Quarter Three (3)	
Quarter Four (4)	

ACCOUNTABILITY OF MALARIA DRUGS & RDT -STOCK

All NCD stock are left at RAM store room. After Quarter 1 distribution Buffer stock as of 14th March 2024

- RDT _ Para screen 689 Boxes (Global Fund0

- ACT 12_ 32 Boxes (NDOH)
- ACT 24_ 26 Boxes (Global Fund)

QUARTER ONE SUPPLY BATHES/SOURCES

Q1 SUPPLY-NCD	Global Fund -Supply		NDOH- Supply	
	Batch	Expiry	Batch	Expiry
RDT	101532/30/34	Jun26		
ACT 6			3E01046/47	Dec26
ACT 12			CIAPH001	Jun 26
ACT 18			BIAPH0015	Nov25
ACT 24	7254366	Jan25	DJI5032/NAAZZZ95B	Jun25



DESTINATION: NATIONAL CAPITAL DISTRICT SHIPPER: _____ CONSIGNMENT/WAYBILL NO. _____

PACKAGING DATE: 31-Jan-24 INVOICE NO. _____ ACTION OFFICER: JESSICA SANA DATE: 31-Jan-24

CARTON #	NUMBER OF CARTONS	ITEM	QUANTITY PER CARTON	TOTAL QUANTITY	TOTAL IN BASIC UNITS	BATCH #	EXPIRY DATE	WEIGHT PER CARTON (Kg)	TOTAL WEIGHT (Kg)	VOLUME PER CARTON (m³)	TOTAL VOLUME (m³)
1 TO 20	20	RDT	40	800	20,000	101532/30/24	Jan-25	13	260	0.07	1.4
21	1	ACT12	24	24	720	CIAPH001	Jun-26	15	15	0.04	0.04
NO LABEL 22											
23 TO 24	2	ACT24	24	48	1,440	7254366	Jan-25	15	30	0.07	0.14
25	1	ACT12	6	6	180	CIAPH001	Jun-26	15	15	0.07	0.07
		ACT18	18	18	540	BIAPH0015	Nov-25				
26	1	ACT12	12	12	360	CIAPH001	Jun-26	8	8	0.07	0.07
		ACT24	16	16	480	7254366	Jan-25				
27	1	ACT6	18	18	540	3E01046	Dec-25	6	6	0.04	0.04
28	1	RDT	10	10	250	101532/30/24	Jan-25	6	6	0.07	0.07
	27								340		1.83

TOTAL SUMMARY		ITEM	PACKETS	INDIVIDUAL UNITS	SOURCE (GF/GoPNG)
No. of Cartons	27	RDT	810	20,250 test kits	GF
Weight (Kg)	340	ACT6	18	540 blister pkts	NDOH
Volume (m³)	1.83	ACT 12	42	1,260 blister pkts	NDOH
		ACT18	18	540 blister pkts	NDOH
		ACT 24	64	1,920 blister pkts	GF
		PRIMAQUINE	NOT SUPPLIED	tablets	

FINDINGS AND OBSERVATION

HEALTH FACILITY	RDT/ACT STOCK MANAGEMENT	TREATMENT	LLIN	REPORTS
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Bomana Police Date: 04.03.2024	Has a very small Dispensary quite overfull with no proper stock management	Yet to have training. No health staff came to attend training in October 2023.	NO ANC SERVICE Received 50 Positive Nets.	Timely with monthly reports.
Bomana CIS Date: 04.03.2024	Have an organize Dispensary room with stock cards used .	Visited in October 2023 health staff present went through treatment protocol. Also One representative for Bomana CIS attended CQI Training in October 2023.	NO ANC SERVICE	Poor Reporting too many Registers used at the same time. Late reporting still. No Improvement from 2023. Drugs and RDT used without reporting well
Gordons Date:06.03.2024	Have a dispensary but due to drugs used without recorded in the Malaria Registers well Malaria Commodities are kept in these small cabinets sometimes not enough to cater for the full quarter supply and may be left outside in boxes especially RDT.	All Nurses especially CHW doing RDTs and are aware of the treatment Protocol. One health staff attended the CQI training in October 2023	Have enough Stock of Antenatal Nets from Q4 2024 and Positive Net as well. Staff in charge reported positive nets are going missing without proper record when he is not around.	Late Reporting. Only one report submitted. Malaria Registers filled and collected..
POM Gen Date:08.03.2024	All supplies stored at the POM Gen Medical Store and later per order of unit dispensaries are supplied.	NO TRAINING WAS CONDUCTED	The Antenatal Clinic Received 550 Antenatal Nets. Good Reporting	NHIS Malaria Registers not used. Only Monthly reports are submitted very late, Supplies are received straight from NDOH Logistics since 2023
Six Mile Date;06.03.2024	Air conditioned Dispensary very organized, however Malaria commodities not kept in the dispensary. For better monitoring all Malaria Drugs and RDT are kept with the Malaria In charge.	All staff aware of the treatment Protocol and Fansida treatment protocol. Malaria In charge attended the CQI Training in OCT 2023	Received 100 Antenatal Net. Good Reporting and received 50 Positive Nets	Late Reporting. Only one report submitted. Malaria Registers filled and collected.
Nine Mile Date: 06.03.2024	Supplies kept in the main Dispensary stock cards available but not updated..	All staff aware of the treatment Protocol and Fansida treatment protocol. OIC and two health staff attended the CQI training in Oct 2023.	Have enough Antenatal Nets from Q4 ANC Nets and received 50 Positive Nets	Timely reporting as usual. Malaria Registers filled in well and collected.
Jackson's Airbase Date: 04.03.2024	Newly renovated dispensary. RDT and drugs stored well in the air conditioned room and locked .	One health staff attended the CQI training and has shared all updated information to other health staff of the facility .	In year 2023 Antenatal Nets supplied with no accountability OIC does not know where the registers are. For above reason ANC Nets will not be given to Jackson Airbase.	No Reports at all per ENHIS. Malaria Registers data not corresponding with drugs and RDT supply. Two Malaria Registers are used the other register was not available upon visit.
Susu Mama				

PNGEI Date: 06.03.2024	Drugs stored in a locked room. Stock cards not used.	One staff attended the CQI Training in October 2023.	NO ANC Service	No Reports per ENHIS/, Malaria Registers filled and collected at the facility
Gerehu Hospital Date:07.03.2024	All Drugs and RDT stored in the Pharmacy no stock cards used according to in charge they are updated on the m supply .	Good turn up of representatives of each unit of Gerehu Hospital except for ANC section attending the CQI Training in Oct 2023	Received 400 antenatal nets. Good Reporting. Received 200 Positive Nets 100 for COPD and 100 for AOPD.	Submitted only one Report per ENHIS. Malaria Registers filled and collected at the Medical Records.
Morata Date:07.03.2024	Drugs and RDT kept in the Dispensary stock cards used and updated by staff in charge but when he is off duty or leave stock cards are not updated.	Staff are aware of the treatment Protocol. One staff attended the CQI Training in OCT 2023	Received 100 antenatal nets. Reported using few nets to give positive patients. Received 50 Positive Nets	OIC on leave Malaria Registers locked unable to collect Malaria Registers.
Murray Barracks Date: 07.03.2024	Drugs and RDT kept in locked Cabinet	Staff are aware of the treatment protocol. One soldier health staff attended the CQI Training in Oct 2023.	Received 50 antenatal Nets and 50 Positive Nets.	Late Reporting. One report only submitted.
Begabari Date: 06.03.2024	Well organized air conditioned Pharmacy which all RDTs and ACTs are kept in.	One health staff attended the CQI Training is in charge of Test and Treatment and recording	NO ANTENATAL SERVICE	No Reports at all per ENHIS, however Malaria Registers filled and collected
St Therese Date: 06.03.2024	Drugs and RDT stored in the Dispensary. Stock cards updated by Nurse in charge.	One staff and OIC attended the CQI Training in Oct 2023 and has taken lead in Malaria program in the Health Facility.	.Received 100 Antenatal Nets received 50 Positive Nets	Submitted only one report per ENHIS Malaria Registers filled and Collected.
Tokarara Date:06.03.2024	Drugs and RDT kept well in the Dispensary stock cards Updated.	All staff are aware of the treatment protocol. One Health staff Attended CQI Training now responsible for test, treat and recording	Received 100 antenatal Nets Received 50 Positive Nets	Submitted only one report per ENHIS Malaria Registers filled and collected
UPNG Clinic Date:07.03.2024	Drugs and RDT kept well in the air conditioned Dispensary no stock cards used.	Treatment protocol is followed no representative attended the CQI Training.	Received 50 antenatal Nets and received 50 Positive Nets.	Submitted only one report per ENHIS Malaria Registers filled and collected
St Paul's Date;07.03.2024	Drugs and RDT kept well in the air condition Dispensary	Following treatment protocol. One health staff attended the CQI Training.	Received 150 antenatal Nets. Received 50 Positive Nets.	No reports per ENHIS, Malaria Registers filled and collected.
Badili Date: 05.03.2024	All Drugs and RDT stored in the Dispensary, No stock cards used.	Following treatment protocol. One health staff attended the CQI Training	Have enough ANC Nets from 2023 Net Distribution. Received 50 Positive Nets	Submitted only one report per ENHIS Malaria Registers filled and collected
PILAG Date;06.03.2024	Drugs and RDT locked in a cabinet.	Following the treatment protocol.	NO Antenatal Service	Submitted only one report.
Kila Kila				
Lawes Road Date:05.03.2024	Drugs and RDT stored in the air conditioned Dispensary.	Health staff attended the CQI in OCT is no longer	Have enough in Stock from quarter	Submitted only one report per ENHIS. Since staff in

	Stock cards used updated when staff in charge is free.	working with Lawes Road. Was assigned to Test treat and recording and also share information to other health staff.	Four 2023 distribution. Received 50 Positive Nets.	charge doing recording has left. The Clinic Manager has taken the responsibility since she resumed in February 2023 to record and report.
Pari Date: 04.03.2024	Drugs and RDT stored in the Dispensary	All staff aware of the treatment protocol. No Health staff attended the CQI training.	Received 100 antenatal Nets and 50 Positive Nets.	No Reports per ENHIS, Malaria Registers filled collected.
Vabukori Date: 05.03.2024	Drugs and RDT stored in OIC Office. No stock cards used.	Staff are aware of the treatment protocol	Have enough Antenatal Nets from 2023 ANC Net Distribution and received 50 Positive Nets	Submitted one report only .
PNGDF Taurama				
Four Square (Kaugere) Date: 05.03.2024	The only facility with a pharmacists recruited. All drugs and ACTs stored in the air conditioned Dispensary.	no health staff attended the CQI Training in Oct a new assigned Nurse is now doing Malaria test and treatment.	Have enough antenatal Nets from last year 2023 and received 50 Positive Nets. Positive nets had poor reporting last year and supply was stop. This year Positive nets was given to the OIC to ensure proper accountability of nets.	No Reports per ENHIS, Improved from last year with recording Malaria RDTs and ACTs on Malaria Registers. Collected during Visit.
Ulamagi Date: 04.03.2024	Drugs and RDT stored in the Outpatient room in a small Cabinet	Staff are aware of the treatment Protocol and following it.	Received 100 antenatal Nets and 50 Positive Nets	No Reports per ENHIS. Malaria Registers filled and collected
Salvation Army Date:05.03.2024	Drugs and RDT stored well in a spacious Dispensary room	Just recently reopened to general outpatient cases No health staff attended the CQI Training during Q4 Visit 2023 staff in charge was trained on site.	Received its first 100 antenatal nets as antenatal service has commenced.	No Reports per ENHIS Malaria Registers filled and Collected.

SUMMARY OF THE FINDINGS

1. Primaquine Nil stock in some of the Health Facilities. Are currently writing Prescription and giving patients. (Awaiting AMS orders)
2. Few Facilities are nil stock with Fansida or have near expiring Fansida. Writing Prescription and giving antenatal mothers for prophylaxis (Awaiting AMS orders)
3. Bomana CIS not reporting well and may affect their supplies if they continue under reporting.
4. No Major Stock out reports of RDT and ACTs.
5. Facilities with First Response RDT Kits with expiry dates February 2024 were advice to discard and use in dated RDT Malaria Test Kits

6. Port Moresby General Hospital Malaria commodities are procured and supplied by NDOH Logistics. Supplies are over supplied (Not quantified by consumption rate)

NHIS REPORTING

Most Health Facilities are filling the Malaria Registers very well and accounting for the RDT and ACTs used while a few still inconsistent with recording and reporting. Also there are health staff still not specifying the type of species and recording as Malaria positive only in the Malaria Registers.

ENHIS

Most clinics are late in Reporting while few on time. For 2023 Malaria Reports by now all health facilities should have 12 monthly reports, however per ENHIS Reports as of 18.03.2024 few facilities have yet to have all 12 reports. For this year quarter one there should be two monthly reports for all reporting Health facilities, some facilities have yet to have their second report submitted in the ENHIS. See Figure 1 below showing above mention.

NCD REPORTING HEALTH FACILITIES	2023 Total Malaria Reports	Quarter One 2024 Malaria Reports
6 Mile UC	12	1
9 Mile UC	11	2
Anglicare Begabari	8	1
Badili UC	12	2
Bomana CIS UC	12	1
Bomana Police College UC	12	2
Gerehu UC	10	1
Gordons UC	12	1
Jacksons Airbase UC	12	0
Kaugere 4 Square UC	12	1
Lawes Road UC	12	1
Marie Stopes UC	12	2
Morata UC	12	1
Murray Barracks UC	12	1
Pari UC	12	0
PNG Education Institute UC	12	0
PNG IPA UC	12	2
PNGDF Taurama UC	9	0
Port Moresby General HO	12	0
Salvation Army Koki UC	12	0
St Pauls UC	12	1
St Theresa UC	10	2
Tokarara UC	12	2
Ulamagi Nazarene UC	12	0
University UC	12	2
Vabukori UC	12	1

FIGURE 1 NCD MALARIA MONTHLY REPORTS (ENHIS DATA SOURCE 18.03.2024)

ACHIVEMENTS

1. Since 2023 NCDPHA Provincial Malaria Supervisor position has been taken up by Ms Dien and she has been working closely with RAM/NMCP
2. Antenatal Nets are well accounted for by most of the health Facilities
3. Salvation Army Koki Clinic is now providing Antenatal Service and received their first supply of nets this quarter of 2024
4. Exxon Mobil is now funding Positive Nets for Positive Patients this year in NCD.

CHALLENGES

1. Unable to address malaria reporting issues on site or on the spot during visits as health staff are usually very busy with patient care which is of course priority.
2. Stock cards for Malaria Commodities not used in almost all Health facilities despite mentioned in refresher trainings and on site the main reason being man power down with patient load with no time to update stock cards
3. Malaria Data Recording and reporting is still an ongoing issue as not all staff attends malaria trainings
4. Health staff representing a Health facility attending Malaria trainings do not share what has been taught to other health staff of their clinics.
5. Positive nets are mixed with antenatal Nets and given to pregnant women likewise for Antenatal Nets given to Positive Patients making it difficult to account for these nets.

RECOMMENDATION

1. To have a Mid-Year Malaria Refresher Training in June 2024
2. For Health Facilities without assigned malaria health staff to Have a malaria assigned health staff to be in charge of TEST, TREAT & TRACK of the Malaria Program in each facility and this health staff should not be rotated.

ACKNOWLEDGEMENT

1. ALL Health Facility OICs, health staff for working closely together and also support from auxiliary staff and health facility securities for their assistance especially with moving of malaria commodities.

PLAN FOR Quarter Two (2) 2024

1. Per Direction from the National Malaria Control Program for RAM to hand over the lead for the Malaria Program in NCD to NCDPHA Malaria Program Lead to lead while RAM continues to work with NCDPHA to support the program in this Grant.
 - a) RAM Partners team to set a date and time to meet with NCDPHA to discuss transition before Quarter Two Malaria Supervisory Visits.
 - b) RMC to work closely with PMS after discussion/agreement between RAM and NCDPHA

ABBREVIATIONS

ACT- Artesinin combination therapy

ANC- Antenatal Clinic

CIS- Correctional Institutional Service

CQI – Continuous Quality Initiative (Malaria Training)

ENHIS- Electronic National Health Information System

GF- Global Fund

NCD- National Capital District

NCDPHA- National Capital District Provincial Health Authority

NDOH- National Department of Health

NHIS- National Health Information System

PILAG- Pacific Institute of Leadership & Governance

PNGDF- Papua New Guinea Defense Force

RAM- Rotarian Against Malaria

RDT- Rapid Diagnostic Test

RMC- Regional Malaria Coordinator

UC- Urban Clinic

UPNG- University of Papua New Guinea

ANNEX ONE NCD MALARIA SITUATION in 2023

In NCD clinical diagnosis is discouraged as RDT Malaria Test Kits are very much available all year around to all reporting Facilities. Clinical reporting is still an issue the National Referral Hospital_ Port Moresby General Hospital providing mostly Microscopy and also RDT is used as well however still reporting Clinical Cases and clinical malaria deaths. All Health Facilities under NCDPHA uses mostly RDT, shown in Figure 2 below the use of RDT is more than Microscopy. High Burden Malaria Facilities having annual number of cases ranging between 100 to 800 includes Gerehu Hospital, Tokarara, St Paul, St Therese, 9mile, Gordons, 6mile Pari and Ulamagi while other facilities have less than a hundred in cases in a year (See Figure 3)

Most of these Malaria Cases are imported from the Boarder Provinces Central especially from Brown River and vanapa where it's easier to get Road transport to Port Moresby and back and the Gulf Province. Other Malaria positive cases are from when NCD Residents travel back from their Home Provinces after holidays or duty travels to Malaria burden province and new and old Students travelling into the province for tertiary schools (UPNG, PILAG, Education Institute and others). There is no evidence as yet to prove there is local transmission or not.

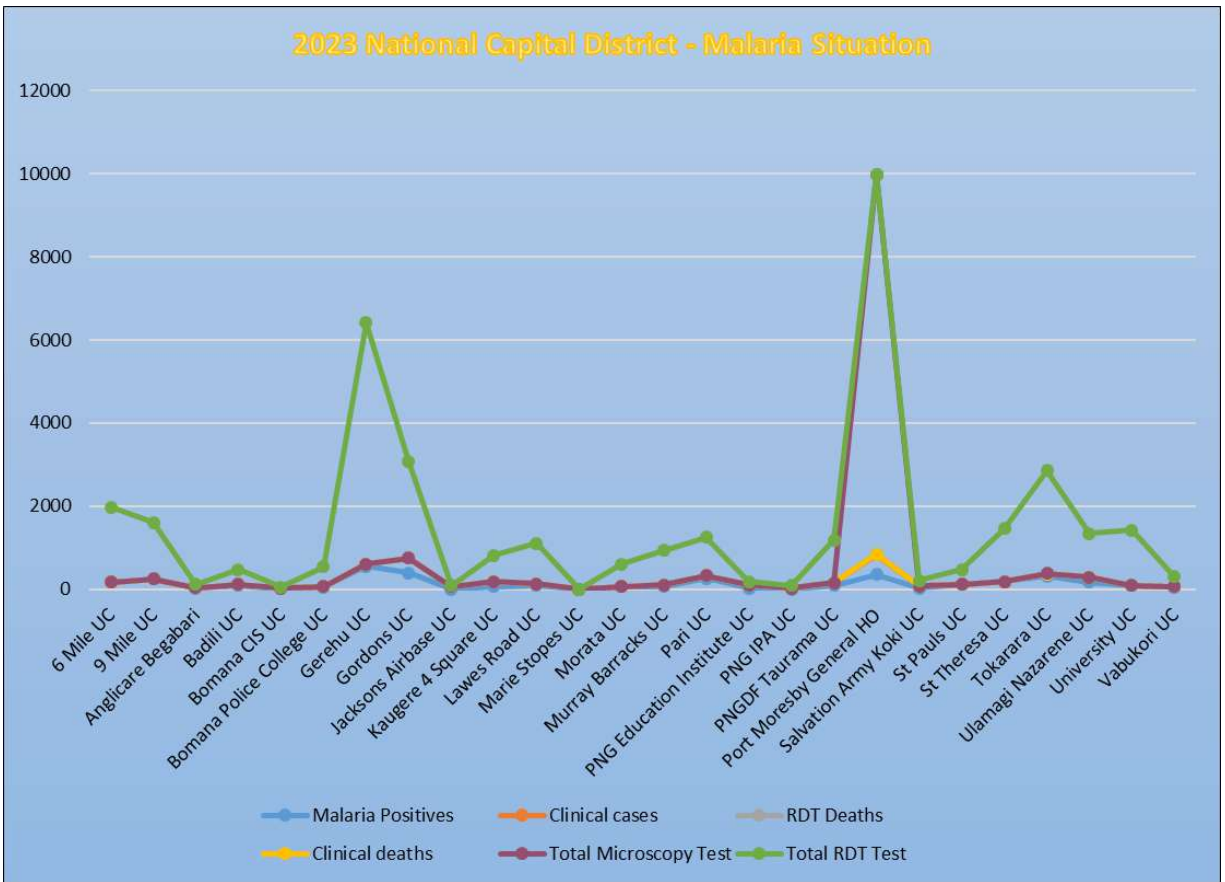


FIGURE 2 2023 MALARIA SITUATION IN NCD

Malaria Positives By Health Facility in 2023 _ ENHIS Data (Monthly Reports) 18.03.2023													
HEALTH FACILITIES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
6 Mile UC	6	24	19	13	11	15	23	26	7	8	4	9	165
9 Mile UC	24	18	21	5	25	38	45	53		9	12	11	261
Anglicare Begabari		0	7		8	0	14				1		30
Badili UC	18	16	7	0	5	10	4	10	10	8	1	7	96
Bomana CIS UC										0	6		6
Bomana Police College UC	6	11	6	6	2	5	6	2	2	4	1	4	55
Gerehu UC	108	63	48	54	41	57	141	98	53	23	31	43	760
Gordons UC	51	43	23	37	27	36	4	59	32	49	6	31	398
Jacksons Airbase UC							1	1		0			2
Kaugere 4 Square UC	5	9	11	10	11	2	3	4	0	1	9	0	65
Lawes Road UC				2		12	14	23	20	16	5		92
Morata UC	3	9	11	8	12	5	3		6	2		0	59
Murray Barracks UC		8	2	5	9	7	1	13	1	4	3	11	64
Pari UC	30	30	28	16	23	19	44	32	19	10	9	9	269
PNG Education Institute UC				2			7	4	2	7	6	1	29
PNG IPA UC	0						0	1	0	0	3	0	4
PNGDF Taurama UC	12		15	12	9	10	7	23	6				94
Salvation Army Koki UC							6	7	5	4		4	26
St Pauls UC	19	18	10	2	6	7	12	9	3	17	8	6	117
St Theresa UC	24	24	20	19	22	14	18	19	6	9	7	12	194
Tokarara UC	36	29	24	26	23	28	41	15	23	18	18	37	318
Ulamagi Nazarene UC	23	21	5	8	16	6	15	26	16	22	15	11	184
University UC	7	25	15	7	6	11	5	2	3	2	5	2	90
Vabukori UC	15	6	3	2	3	3	9	2	2	1	1	2	49
TOTAL	387	354	275	234	259	285	423	429	216	214	151	200	3427

FIGURE 3 NCD HEALTH FACILITIES MALARIA POSITIVES IN 2023