



# ROTARIANS AGAINST MALARIA NATIONAL MALARIA CONTROL PROGRAM



## Q3 MALARIA TRIP REPORT ON THE SUPERVISORY M&E VISIT AND DRUG DISTRIBUTION FOR EAST NEW BRITAIN PROVINCE, JULY 2024



**By:** Erica Nawara, Regional Malaria Coordinator NIP/ENB

**DATE:** 08-24.07.24 (16nights in the Field)

**RAM Officer Travelled with:**

1. Bernedyn Neil – HMM M&E Officer

**ENBPHA Malaria Team:**

1. Mr. Patrick Vuravura- Provincial Malaria Supervisor (PMS)
2. Mr. George Luga- Driver

**People met with in the Province:**

1. Mr. Norman Vakore- Public Health Director
2. Mr. Joachim Kais Provincial Disease Control Officer
3. Mr. Patrick Vuravura- Provincial Malaria Supervisor
4. Ms. Ashwin Lau- Partners Coordinator
5. Sr. Maria Posanek- Catholic Health Services Health Secretary ENBPHA

**Purpose:** Round 3 of Malaria Supervisory Visit and Drug Distribution of Malaria Commodities (RDTs, ACTs & Primaquine) for all the Health Facilities in East New Britain (ENB) Province 2024.

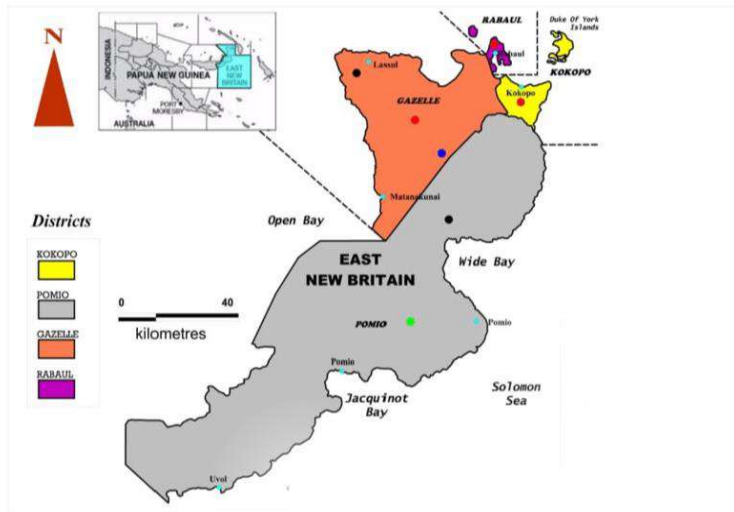
**Objective**

This was the third trip of 2024, to visit all accessible health centres (HC) in East New Britain Province (ENBP), and ensure that healthcare givers in these facilities are correctly diagnosing and treating malaria cases as per National Malaria Treatment Protocol. This trip was also to ensure that there is adequate supply of Malaria Rapid Diagnostic Test (RDT) kits, Artemisinin-based Combination Therapy (ACT)s and other malaria commodities including Antenatal Care (ANC) nets in all health facilities based on consumption rates and as per their monthly Malaria Register reports and National Health Information System (NHIS) reports.

**Brief Background of East New Britain Province**

East New Britain is a province of Papua New Guinea consisting of the north eastern part of the island of New Britain and the Duke of York Islands. The capital of the Province is Kokopo not far from the old Capital of Rabaul, which was largely destroyed in a volcanic eruption in 1994. East New Britain has 4 districts which is Kokopo, Rabaul, Gazelle and Pomio and 23 Local Level Government. East New Britain has 32 Health Facilities which are coded under the National Health Information System (NHIS).

Below is the Map of East New Britain Province



### **SUMMARY OF QUARTER THREE VISIT**

**Table 1:** Shows the Summary of what has been done in Q3 Malaria Visit in ENBP.

Days	Dates	Activities done
Monday	08.07.24	Travelled from POM to ENB. Debrief with PHA and repack drug supplies for Pomio district.
Tuesday	09.07.24	Visited Tapo HC, Papatava HC, Tapipipi HC & Napapar HC
Wednesday	10.07.24	Visited Mungou HC and did a courtesy visit to AMS Kokopo and met with Mr Robert- AMS Kokopo Manager.
Thursday	11.07.24	Visited Warangoi RH, Gelegele HC & Butuwin UC
Friday	12.07.24	Visited Nonga Rabaul Provincial Hospital, Rabaul Urban Clinic & Livuan Day Clinic
Saturday	13.07.24	Visited Molot and Vatnabara HC on Duke of York Islands
Monday	15.07.24	Repacked drugs supplies for all the HFs in Pomio District and visited Vunapope Hospital.
Tuesday	16.07.24	Visited Gaulim HC, Kerevat RH and Vunapaka HC
Wednesday	17.07.24	Visited Raunsepna HC
Thursday	18.07.24	Black wrapped all the cartons for Pomio and brought them to RAMs shipping for consignment to Palmalmal but unfortunately, they cancel all the ship schedule because of bad weather so we brought the drugs back to the Transit Medical store.
Friday	19.07.24	CQI training for Rabaul CHW school done successfully
Saturday	20.07.24	Travelled to Lassul Bay visited Lassul Bay HC and travelled back to Kokopo
Monday	22.07.24	Debrief with PMS & Public Health Director. Do stock counts on the remaining buffer stocks of RDTs, ACTs, Primaquine and Mosquito Nets
Tuesday	23.07.24	Public Holiday but worked on Trip Report
Wednesday	24.07.24	Travelled back to POM from ENB

## **Executive Summary**

Quarter 3 Health Facility Visit and Drug Distribution for East New Britain Province started on the 9<sup>th</sup> of July, one day after the RMC's arrival in the Province. A total of 19 Health Facilities were physically visited by the Team and the HF coverage rate is 59.4%. All HFs in Kokopo, Rabaul and Gazelle District are visited except for 1 HF in Gazelle and 12 HFs in Pomio District due to bad weather situation in the province. All Q3 drug supplies were supplied from AMS Kokopo. All HFs physically visited were supplied with Q3 drug supplies. For HFs that were not physically visited, their drug supplies were also packed and left at a nearest location for pickup. Stock management is very much improved as well as drugs and ANC net accountability. Updated malaria Treatment Protocol is being followed in all the HFs that were visited. Timeliness of monthly report submission is improving. Most HFs are not reporting Clinical Diagnosis anymore. Malaria Positivity rate for most HFs are below 50%, whereas few are still above 50%. All Hs in ENB are using the ENHIS tablet except for Marunga HC in Pomio District and Raunsepna in Gazelle district due to faulty tablets. Malaria CQI training done and completed successfully at Rabaul CHW School were are total of 45 final year students and 3 Tutors attended. The 2 Malaria Program vehicle are in good condition, all registration and safety sticker are valid. Malaria School Survey is scheduled to be done in October and it will be led by the Provincial Malaria Supervisor (PMS). Homebased Management of Malaria Program in established in 6 HFs Pomio District. Recruitment for the new officer is still underway.

### **Kokopo District**

Kokopo District has 6 reporting Health Facilities which are Vunapope St Mary's Hospital, Butuwin Urban Clinic, Tapo HC, Gelegele HSC, Vatnabara HSC and Molot HC. It took 5 days in quarter 3 to visit all 6 Health Facility, 4 are easily accessible by road and 2 are sea accessible because they are both located on the Duke of York Islands.

### **Gazelle District.**

Gazelle District has 10 reporting Health Facility and they are Kerevat RH, Tapipipi HC, Gaulim HSC, Napapar HC, Lassul Bay HC, Paparatava HSC, Vunapaka HC, Livuan Day Clinic, Raunsepna HSC & Open Bay HC. It took 5days to visit 9 Health Facilities in quarter 3. Out of the 10 Health Facilities 7 are easily accessible from Kokopo and 3 are inaccessible because it took more than 2 hours to reach them by road and they are located in the mountains of Baining. These HFs are Raunsepna HSC, Open Bay HSC and Lassul Bay HC. Out of the 10 HFs the team managed to physically visited 9 HFs in this quarter. The Team couldn't make it to Open Bay HC because of bad road condition and rough seas.

### **Pomio District**

Pomio District has 14 reporting Health Facility and it is the biggest district in the Province in terms of land mass. It also has most of the hard to reach health facilities because of its geographical location. In this quarter the Team managed to physically visited 2 Health Facilities only out of the 14. It took 2 days in quarter 3 to visit the 2 HFs. All the other 12 HFs are not physically visited due to the bad weather situation in Pomio District.

## **HEALTH FACILITY COVERAGE RATE**

**Table 2:** Below indicates summary of the visit and mode of distribution used in Q3 2024

<b>19</b>	HF's which were physically visited and distributed
<b>0</b>	HF's not physically visited but commodities were picked up at PHO by Health Staffs
<b>13</b>	HF's not visited but commodities are left at the Transit Medical store & nearest HF for pickup.
<b>0</b>	HF's Closed
<b>17</b>	Total Accessible HF's
<b>15</b>	Total Inaccessible HF's
<b>32</b>	Total HF's open
<b>0</b>	Air Drop off HF supplies
<b>111.8%</b>	Coverage Percentage of Accessible HF's Visited
<b>59.4%</b>	Coverage Percentage of Total HF's

## **2024 Q3 HEATH FACILITY SUPERVISORY VISIT SUMMARY**

**Table 3.** Distribution of Health Facilities in the Province, their accessibility and the date of visits in quarter 3 2024.

<b>DISTRICT</b>	<b>HF</b>	<b>HF TYPE</b>	<b>AGENCY</b>	<b>ACCESSIBILITY</b>	<b>ACCESSIBILITY STATUS</b>	<b>DATE OF VISIT</b>
Gazelle	Kerevat HC	HC	Government	Road	Accessible	16.07.24
Gazelle	Lassul Bay	HC	Government	Road	Accessible	20.07.24
Gazelle	Napapar	SC	Catholic Health	Road	Accessible	09.07.24
Gazelle	Open Bay SC	SC	Company	Road	Inaccessible	<b>Not visited</b>
Gazelle	Paparatava SC	SC	Catholic Health	Road	Accessible	09.07.24
Gazelle	Raunsepna SC	SC	Catholic Health	Road	Inaccessible	17.07.24
Gazelle	Vunapaka HC	HC	Government	Road	Accessible	16.07.24
Gazelle	Gaulim SC	SC	United Church Health	Road	Accessible	16.07.24
Gazelle	Tapipi HC	HC	Government	Road	Accessible	09.04.24
Gazelle	Livuan	SC	Government	Road	Accessible	12.07.24
Kokopo	Butuwin	SC	Government	Road	Accessible	11.07.24
Kokopo	Molot	HC	Government	Sea	Accessible	13.07.24

Kokopo	Vatanabara SC	SC	United Church Health	Sea	Accessible	13.07.24
Kokopo	Vunapope Hosp	Hospital	Catholic Health	Road	Accessible	15.07.24
Kokopo	Tapo HC	SC	Government	Road	Accessible	09.07.24
Kokopo	Gelegele	SC	Government	Road	Accessible	11.07.24
Pomio	Aona	SC	Catholic Health	Sea/Road	Inaccessible	<b>Not Visited</b>
Pomio	Guma	SC	Catholic Health	Road/Sea	Inaccessible	<b>Not Visited</b>
Pomio	Marunga	SC	Catholic Health	Road	Inaccessible	<b>Not Visited</b>
Pomio	Matong	SC	Government	Sea	Inaccessible	<b>Not Visited</b>
Pomio	Muela	SC	Catholic Health	Sea/Track	Inaccessible	<b>Not Visited</b>
Pomio	Mungou	HC	Government	Road	Accessible	10.07.24
Pomio	Nutuve	SC	Catholic Health	Sea/Track	Inaccessible	<b>Not Visited</b>
Pomio	Palmalmal	HC	Government	Sea	Inaccessible	<b>Not Visited</b>
Pomio	Pomio	HC	Government	Sea	Inaccessible	<b>Not Visited</b>
Pomio	Sivauna SC	SC	Government	Sea/Road	Inaccessible	<b>Not Visited</b>
Pomio	Uvol SC	SC	Catholic Health	Sea	Inaccessible	<b>Not Visited</b>
Pomio	Warangoi HC	HC	Government	Road	Accessible	11.07.24
Pomio	Viosopuna HC	HC	Government	Sea/Track	Inaccessible	<b>Not Visited</b>
Pomio	Hoiya SC	SC	SDA Health	Road	Inaccessible	<b>Not Visited</b>
Rabaul	Rabaul Provincial Hosp.	Hospital	Government	Road	Accessible	12.07.24
Rabaul	Rabaul UC	UC	Government	Road	Accessible	12.07.24

## **PLAN FOR HARD TO REACH HEALTH FACILITIES**

*Table 4: Shows plan for hard to reach Health Facilities in Q3 2024*

No.	Health Facility	How drugs will be distributed	Reasons for not visiting the Health Facility physically
1.	<b>Muela HC</b>	Drugs consigned on RAMs to Palmalmal Station for pick up at Palmalmal Rural Hospital.	Inaccessible/ Tracking HF
2.	<b>Visopuna HC</b>	Drugs consigned on RAMs to Palmalmal Station for pick up at Palmalmal Rural Hospital.	Inaccessible/ Tracking HF
3	<b>Nutuve HC</b>	Drugs consigned on RAMs to Palmalmal Station for pick up at Palmalmal Rural Hospital.	Inaccessible/ Bad weather
4	<b>Open Bay HC</b>	Drugs signed off and left at Butuwini Provincial Store for pick up. OIC was notified.	Inaccessible/Bad Road Condition
5	<b>Guma</b>	Drugs left at Catholic Office for pick up	Inaccessible/ Bad weather
6	<b>Marunga</b>	Drugs left at Catholic Office for pick up	Inaccessible/ Bad weather
7	<b>Hoiya</b>	Drugs left at SDA Health Office for pick up	Inaccessible/ Bad weather
8	<b>Palmalmal</b>	Drugs consigned on RAMs to Palmalmal Station for pick up at Palmalmal Rural Hospital.	Inaccessible/ Bad weather
9	<b>Pomio</b>	Drugs consigned on RAMs to Palmalmal Station for pick up at Palmalmal Rural Hospital.	Inaccessible/ Bad weather
10	<b>Aona</b>	Drugs consigned on RAMs to Palmalmal Station for pick up at Palmalmal Rural Hospital.	Inaccessible/ Bad weather
11	<b>Sivauna</b>	Drugs consigned on RAMs to Palmalmal Station for pick up at Palmalmal Rural Hospital.	Inaccessible/ Bad weather
12	<b>Matong</b>	Drugs consigned on RAMs to Palmalmal Station for pick up at Palmalmal Rural Hospital.	Inaccessible/ Bad weather
13	<b>Uvol</b>	Drugs consigned on RAMs to Palmalmal Station for pick up at Palmalmal Rural Hospital.	Inaccessible/ Bad weather

**Table 5:** Shows Health Facilities visited by each Malaria Officers in Q3 2024

No.	HF visited by RMC & PMS
1	Butuwin U/C
2	St Marys Hospital Vunapope
3	Gelegele HC
4	Napapar HC
5	Vunapaka HC
6	Tapipipi HC
7	Gaulim HC
8	Kerevat RH
9	Vatnabara HSC
10	Molot HC
11	Raunsepna HSC
12	Rabaul Provincial Hospital, Nonga
13	Rabaul Urban Clinic
14	Paparatava HC
15	Warangoi RH
16	Mungou HC
17	Livuan Day Clinic
18	Tapo HC
19	Lassul Bay HC

### STOCK MANAGEMENT

Overall in the Province there is a lot of improvement due to continuous Health Facility visit and emphasizes. Stock Cards are kept well and updated for most HFs, only few Health Facilities still needs more improvement, so during the visit their stock cards were updated by the PMS and they were asked to continue. Generally, there is **NO MAJOR STOCK OUTS** of Malaria Commodities especially RDTs, ACTs and Primaquine at all the Health Facilities in East New Britain in Q3 2024.

**Table 6:** Shows Stock card management and stock out situation for the 19 Health facilities that were physically visited in Q3 2024.

Health Facility physically visited	Stock Card Management	Stock Out Situation
Paparatava HC	They have stock cards and it is only updated by the person responsible, but when that person is not available then the stock card is not updated.	<b>NO STOCK OUTS</b> , they have sufficient ACT supplies from Q2 2024 distribution. Only RDTs were supplied in Q3.
Napapar HC	They have stock cards and it is only updated by the person responsible, but when that person is not available then the stock card is not updated.	<b>NO STOCK OUTS</b> , they were found to have few supplies available so their full Q3 Supplies were given.
Kerevat RH	Stock cards are well kept and its always updated	<b>NO STOCK OUTS</b> , they were found to have few stocks available. All their Q3 Supplies were given accordingly.
St Mary's Hospital (Vunapope)	Stock cards are well kept and its always updated	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q2 2024

		distribution. Only RDTs and ACT 24 were supplies in Q3.
Tapipipi HC	They have stock cards but it's not updated.	<b>NO STOCK OUTS</b> , we couldn't access the dispensary, so no supplies were given and they were asked to send their SOH to collect supplies at PHA.
Gaulim HC	Stock cards are well kept and its always updated	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q2 2024 distribution. Q3 supplies were given according to their current stock on hand.
Tapo HC	Stock cards are well kept and is always updated.	<b>NO STOCK OUTS</b> , they have sufficient stocks, All their Q3 supplies were given
Rabaul Urban Clinic	Stock cards are well kept and is always updated.	<b>NO STOCK OUTS</b> , they have few stocks from Q1. All their Q3 supplies were given.
Livuan Day Clinic	Stock cards are well kept and is always updated.	<b>NO STOCK OUTS</b> , they were given few stocks form the buffer stock before the actual distribution. All their Q3 supplies were given during the visit.
Rabaul Provincial Hospital	Stock cards are well kept and is always updated.	<b>NO STOCK OUTS</b> , they have sufficient stock of ACTs, so only RDTs was given during the Q3 visit.
Warangoi RH	Stock cards are well kept and is always updated.	<b>NO STOCK OUTS</b> , they have few supplies from Q2. All their Q3 supplies were given.
Gelegele HC	Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q2 distribution. Q3 supplies were not given.
Mungou HC	They have stock Cards and it is only updated by the person responsible. When that person is not available then the stock card is not updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q2 2024 distribution. Q3 supplies were given according to their current stock on hand.
Butuwini Urban Clinic	Their Stock cards are well kept and it's always updated.	<b>NO STOCK OUTS</b> , they few stock from Q2. All their Q3 supplies were given.
Vatnabara HC	They have stock cards and it is only updated by the person responsible and when that person is not available then the stock card is not updated.	<b>NO STOCK OUTS</b> , they have sufficient supplies from Q2. Q3 supplies were given according to their current stock on hand.
Molot HC	Their Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , they have few stock from Q2. All their Q3 supplies were given.
Vunapaka HC	Their Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> , they have few supplies from Q2. Their Q3 stock were

		given according to their current stock on hand.
Lassul Bay HC	Their Stock cards are well kept and its always updated.	<b>NO STOCK OUTS</b> All their Q3 supplies were given during the visit.

### **ACCOUNTABILITY OF MALARIA DRUGS**

Accountability of Malaria Drugs is very much improving in most HFs, which is a positive sign. This issue was continuously mentioned during all the quarterly visit, so most HFs are making sure all their drugs supplies are accounted for.

### **DRUG DISTRIBUTION**

**Table 7:** Shows RDTs, ACTs and Primaquine procured by NDoH and supplied by Kokopo AMS and distributed in Q3.

ITEM	BATCH NUMBER	EXPIRY DATE	TOTAL SUPPLIED IN Q3
<b>RDT</b>	<b>H006B010DB</b>	<b>09/24</b>	<b>2,678 boxes of 25 cassettes</b>
ACT 6	3E02047	12/25	149 boxes of 30 blisters
ACT 12	B1APH014	11/25	334 boxes of 30 blisters
ACT 18	B1APH017	11/25	213 boxes of 30 blisters
ACT 24	B1APH020	11/25	752 boxes of 30 blisters
Primaquine 7.5mg	T35804	09/26	1,500boxes of 100 tablets

All supplies for Q3 2024 were supplied by AMS Kokopo from the NDoH supplies.

**Table 8:** Shows total number of Malaria Commodities distributed in Q3 2024.

Item	Total Distributed in Q3 2024
RDT	3,058 boxes of 25 cassettes
ACT 6	77 boxes of 30 blisters
ACT 12	225 boxes of 30 blisters
ACT 18	109 boxes of 30 blisters
ACT 24	440 boxes of 30 blisters
Primaquine 13.2mg	1,350 boxes of 100 tablets

**Table 9:** Shows the current buffer stock of Malaria Commodities at the Provincial Medical Store after 2024 Q3 Distribution

<b>RDT</b>	<b>ACT 6</b>	<b>ACT 12</b>	<b>ACT 18</b>	<b>ACT 24</b>	<b>Primaquine</b>	<b>Antenatal Nets</b>
700 boxes of 25 cassettes	126 boxes of 30 blisters	196 boxes of 30 blisters	96 boxes of 30 blisters	567 boxes of 30 of blisters	540 boxes of 100 tablets	9 bales (450 nets)

## ANTENATAL NETS

**Table 10: Shows Q3 Antenatal net distribution list.**

						300	6bales Current Stock at PHA level after Q3 Distribution
New Nets arrived in the Province						1000	1300
02.07.24	Butuwini UIC	Sr Pidik	Patrick Vuravura	25439	50	1250	
02.07.24	St Marys Hospital Vanapoe	Lorraine Paska	Patrick Vuravura	25440	200	1050	
09.07.24	Paparatava HC	Rose Pinal	Erica Nawara	25441	50	1000	
11.07.24	Warangoi RH	Gilda Pingai	Erica Nawara	25442	100	900	
12.07.24	Livuan Day Clinic	Dianna Konga	Erica Nawara	25443	100	800	
12.07.24	Rabaul Provincial Hospital (Nonga)	Sr Warbing	Erica Nawara	25444	50	750	
12.07.24	Rabaul Urban Clinic	Falvior Sumiets	Erica Nawara	25445	50	700	
13.07.24	Molot HC	Revie Mara	Erica Nawara	25446	50	650	
16.07.24	Gaulim HC	Esther Marum	Erica Nawara	25447	50	600	
16.07.24	Kerevat RH	Ashwin Walum	Erica Nawara	25448	100	500	
17.07.24	Raunsepna HSC	Nrs Benerdeth	Erica Nawara	25449	50	450	
						450	9bales remaining after Q3 distribution

In Q3 2024 a total of **850** nets were distributed to Health facilities according to their current stock on Hand.

## ACCOUNTABILITY OF ANC NETS

There were no major stock outs of ANC nets in the Province. Health facilities are reporting on time. There is also an improvement in the accountability of nets in most Health Facilities and only few health facilities need improvement. Otherwise ANC net distribution is an ongoing activity done in the Province.

## MALARIA REPORT

East New Britain Province

**MALARIA REPORT January to June 2024**

Date Printed: 23/07/2024 16:21:00

Code	Facility	No of reports	OUTPATIENT		INPATIENT		DEATHS		Slides Examined			RDT Examinations			
			Clinical	RDT	Clinical	RDT	Clinical	RDT	No. Exam	+ve %	+ve % falcip	No. Exam	+ve %	+ve % falcip	Failed
180101	Kerevat HC	6	0	2968	0	27	0	0	70	5.7	1.4	3710	40.5	28.4	0.0
180102	Lassul Bay HC	6	0	2596	0	8	0	1	1	0	0	3689	73.7	58.3	0.1
180103	Napapar SC	6	30	595	11	14	0	0	4	25.0	25.0	2029	28.1	19.1	0.2
180104	Open Bay SC	6	0	499	0	2	0	0	0	0	0	1685	44.6	36.1	0.1
180105	Paparatava SC	6	9	425	1	24	0	0	1	0	0	1866	31.5	22.5	0.1
180106	Raunsepna SC	6	20	255	0	0	0	0	0	0	0	601	46.4	33.3	0.5
180107	Vunapaka HC	6	0	374	3	0	0	0	0	0	0	1777	21.0	10.8	0
180108	Gaulim SC	5	5	412	0	2	0	0	2	0	0	1056	36.4	23.0	0
180109	Tapipipi HC	6	0	74	1	0	0	0	1	0	0	377	17.5	9.5	0
180110	Livuan SC	6	0	1414	0	0	0	0	0	0	0	2029	69.7	53.2	0
<b>GAZELLE District</b>		<b>59</b>	<b>64</b>	<b>9612</b>	<b>16</b>	<b>77</b>	<b>0</b>	<b>1</b>	<b>79</b>	<b>6.3</b>	<b>2.5</b>	<b>18819</b>	<b>45.9</b>	<b>33.8</b>	<b>0.1</b>
180201	Butuwini SC	5	85	1057	0	0	0	0	1	100	100	4116	25.5	17.7	0.2
180202	Molot HC	6	0	876	0	0	0	0	0	0	0	1472	59.9	53.1	0
180204	Vatanabara SC	6	5	537	5	0	0	0	0	0	0	704	70.7	34.4	0
180205	Vunapoe HO	6	71	786	15	3	0	0	193	47.7	2.1	3762	16.3	11.4	0.1
180206	Tapo SC	6	9	858	0	1	0	0	3	0	0	3683	36.6	30.3	0.1
180203	Gelagaia SC	6	2	601	0	0	0	0	12	8.3	8.3	1763	33.1	22.6	0
<b>KOKOPO District</b>		<b>35</b>	<b>172</b>	<b>4715</b>	<b>20</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>209</b>	<b>45.0</b>	<b>2.9</b>	<b>15500</b>	<b>32.1</b>	<b>23.8</b>	<b>0.1</b>
180301	Aona SC	6	0	219	0	10	0	0	0	0	0	730	30.3	24.7	0
180302	Guma SC	6	0	833	0	4	0	0	0	0	0	1418	59.0	45.3	0.1
180303	Marunga SC	6	0	2004	5	17	0	0	0	0	0	2603	72.3	58.1	0.3
180304	Matong SC	5	20	257	0	0	0	0	0	0	0	458	74.2	57.6	0
180305	Muela SC	6	6	626	1	1	0	0	3	66.7	66.7	616	21.4	12.2	0.2
180306	Mungou HC	6	0	163	0	4	0	0	91	24.2	17.6	1026	52.1	40.4	0.3
180307	Nutuve SC	6	11	942	1	2	0	0	0	0	0	1552	61.3	48.5	0
180308	Palimal HC	5	1	3198	0	32	0	1	0	0	0	3789	71.0	51.8	0
180309	Pomio HC	6	75	1574	4	6	0	0	2	100	100	2400	71.9	51.8	0.0
180310	Sivauna SC	6	1	1281	27	11	4	0	1	100	100	1468	80.0	64.6	2.3
180311	Uvoi SC	6	6	1862	1	56	1	0	1	100	100	2429	76.2	63.9	0.0
180312	Warangoi HC	6	2	540	4	1	0	0	0	0	0	1991	42.8	29.0	0.1
180313	Viosopuna HC	5	15	51	0	0	0	0	0	0	0	122	44.3	32.8	0
180314	Hoiya SC	6	0	1529	0	0	0	0	0	0	0	2926	52.1	40.5	0.3
<b>POMIO District</b>		<b>81</b>	<b>137</b>	<b>15061</b>	<b>43</b>	<b>144</b>	<b>5</b>	<b>1</b>	<b>98</b>	<b>28.6</b>	<b>22.4</b>	<b>23528</b>	<b>62.8</b>	<b>48.2</b>	<b>0.3</b>
180401	Nonga Base Hospital	4	7	658	1	2	0	0	797	17.9	14.4	5169	14.3	10.1	11.2
180402	Rabaul UC	6	83	883	0	0	0	0	0	0	0	2950	31.5	26.6	0
<b>RABAUL District</b>		<b>10</b>	<b>70</b>	<b>1541</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>797</b>	<b>17.9</b>	<b>14.4</b>	<b>8119</b>	<b>20.6</b>	<b>16.1</b>	<b>7.1</b>
<b>East New Britain Province</b>		<b>185</b>	<b>443</b>	<b>30949</b>	<b>80</b>	<b>227</b>	<b>5</b>	<b>2</b>	<b>1183</b>	<b>22.8</b>	<b>12.3</b>	<b>65966</b>	<b>45.6</b>	<b>34.4</b>	<b>1.0</b>

- ❖ Timeliness of monthly report is very much improved in most HFs only few HFs including Rabaul Provincial Hospital is having issue in submitting their monthly reports on time.
- ❖ All Q1 monthly reports are submitted only few Q2 reports are yet to be submitted.
- ❖ Most HFs are reporting Zero Clinical Diagnosis which reflects continues emphasize form the Malaria Team.
- ❖ Positivity Rate for most HFs are below 50% which is a good sign, however few HFs are more than 50%.
- ❖ **5 Clinical deaths were reported by 2 HFs in Pomio district which is Sivauna HC and Uvol HC, unfortunately we couldn't physically visit them to investigate.** There are 2 confirmed deaths reported from Lassul Bay HC and Palmalmal RH and it due to late presentation.

*Table 11: Shows HFs who are using ENHIS tablet and are doing Daily Data entries and HFs who are using NHIS Hard Copy.*

No.	ENHIS	Daily Data Entry
1	Kerevat HC	Yes
2	Lassul Bay	Yes
3	Napapar	Yes
4	Open Bay SC	Yes
5	Paparatava SC	Yes
6	Raunsepna SC	No entries done after continuous follow ups
7	Vunapaka HC	Yes
8	Gaulim SC	Yes
9	Tapipi HC	Yes
10	Livuan	Yes
11	Butuwin	Yes
12	Molot	Yes
13	Vatanabara SC	Yes
14	Vunapope Hosp	Yes
15	Tapo HC	Yes
16	Gelegele	Yes
17	Aona	Yes
18	Guma	Yes
19	Marunga	They have a faulty tablet so they are currently using NHIS hard copy for reporting.
20	Matong	Yes
21	Muela	Yes
22	Mungou	Yes
23	Nutuve	Yes
24	Palmalmal	Yes
25	Pomio	Yes
26	Sivauna SC	Yes
27	Uvol SC	No entries done for May and June
28	Warangoi HC	Yes
29	Viosopuna HC	No entries done in May and June
30	Hoiya SC	No entries done
31	Rabaul Provincial Hosp.	Yes ( but they are not up to date with the monthly report submission)

32	Rabaul UC	Yes
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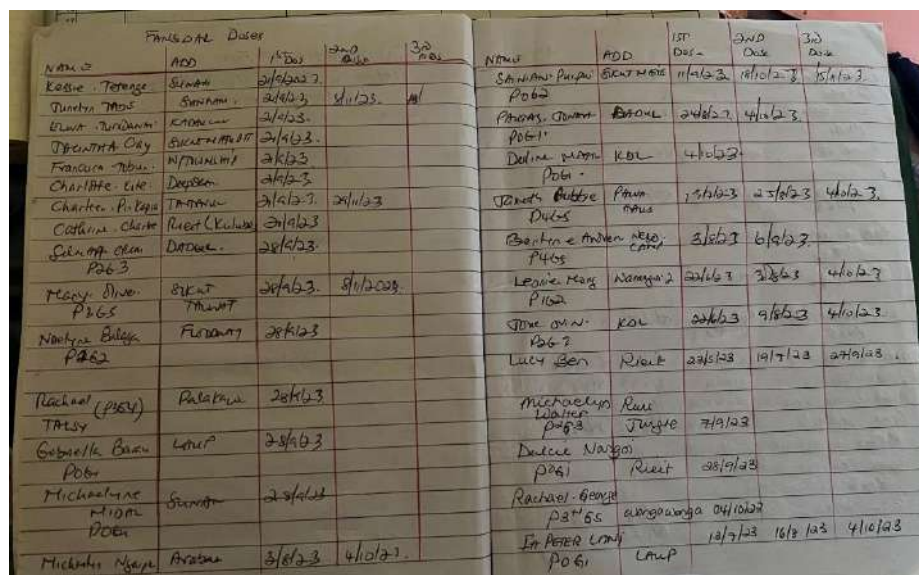
### **MALARIA TREATMENT PROTOCOL**

All health Facility physically visited in Q3 are following the Malaria Treatment protocol accordingly. The Information on the new updated Treatment Protocol on the ACT use in First Trimester of Pregnancy was also disseminated to the Health Facility Staffs during the visit.

### **INTERMITTENT PREVENTATIVE TREATMENT IN PREGNANCY** **(IpTP)**

All health Facilities visited in Q3 are practicing the Intermittent Preventive Treatment for Pregnant mothers. Fansidar tablets are given according to the updated treatment protocol.

Picture below shows a separate Fansidar IpTP record book at Warangoi Rural Hospital.



### **MALARIA MICROSCOPY FACILITIES IN THE PROVINCE**

**Table 12:** Shows Malaria Microscopy Facilities in East New Britain Province.

No	HF	Operational Status
1	<b>Nonga Base Hospital</b>	Currently operating with 1 working Microscope. They have reagents available which is provided by the Hospital. They are not using the issued Malaria Microscopy register book but they are using their own register book. They are reporting frequently into the ENHIS.
2	<b>Vunapope Hospital</b>	Currently Operating with also 1 working microscope. They have improved in their reporting compared to previous years.
3	<b>Kerevat RH</b>	Currently Operating with a functional Microscope. Their main challenge is that there is no reagents and Microscopy Slides. They are reporting very well into the ENHIs monthly report.
4	<b>Butuwini Urban Clinic</b>	Currently operating, however no Microscopy were done in the month of March and April due to stock outs on reagents.

5	<b>Gelegele HC</b>	They have a Laboratory Technician, working Microscope and Reagents are taken from Nonga Rabaul Provincial Hospital and they are also reporting into the ENHIS monthly report.
6	<b>Rabaul Urban Clinic</b>	Recently operating because they were supplied with reagents from Rabaul Provincial Hospital.
7	<b>Warangoi RH</b>	Not operating due to run down laboratory
8	<b>Pomio HC</b>	Not operating due to no reagents
9	<b>Palmalmal RH</b>	Not operating due to no reagents

### **HOMEBASED MANAGEMENT OF MALARIA**

HMM Program in the Province is only in Pomio District and it covers only 6 Health Facilities in the district which is Warangoi RH, Mungou HC, Marunga HSC, Hoiya HSC, Guma HSC and Uvol HC. **For HMM Program in 2024 there won't be any more Trainings of New Community Malaria Volunteers (CMV) but the HMM Coordinator will concentrate only on the Refresher Trainings and Supervisory visits to the existing CMVs.**

*Table 10: Shows CMV status in the Province*

<b>Total CMV Trained (2021-2023)</b>	<b>Total Inactive</b>	<b>Total Active</b>
149	39	103

The recruitment for the NEW HMM Officer is under way.

### **MALARIA PROGRAM VEHICLE**



*Program Vehicle 1.*

**Vehicle used:** RAM Program Vehicle RAW 379

**Color:** White **Type:** Land Cruiser 10 Seater

**Registration validity:** 25.10.24

**Safety Sticker validity:** 18.10.24

**Duration of use:** 15 days

**Driver:** George Luga

**Contact:** 74860321



Brand New Vehicle Program Vehicle 2.

**Vehicle** RAM Program Vehicle REX 588

**Color:** Rock Grey **Type:** Mazda BT50

**Registration validity:** 19.12.24

**Safety Sticker validity:** 15.01.25

**Duration of use:** 0

**Driver:** George Luga (Casual Driver)

**Contact:** 74860321

### **MALARIA CQI TRAINING**

#### **Malaria CQI Training at RABAUL CHW TRAINING SCHOOL**

Malaria CQI training was done successfully at Rabaul CHW Training School in one of their classrooms. A total of **45 Final Year students and 3 tutors** attended the training. Below is the Training Outline:

- Different types of RDTs, their reading time and the number of buffer drops
- Updated Malaria Treatment Protocol
- Malaria reporting tools
- Importance of Recording and Reporting
- Malaria Programs in the Province (drug distribution and HMM)

The team were asked to do the same training to the Final Year students every year going forward.



### **MALARIA SCHOOL SURVEY**

School Survey is planned to be carried out in October 2024.

### **ACHIEVEMENTS**

- Completed ENB Q3 Supervisory Visit and Drug Distribution
- Malaria CQI Training at Rabaul CHW School
- Casual Malaria Program Driver is currently on Kundu Pay by ENBPHA
- No Major Stock Out of RDTs, ACTs & Primaquine
- Continuous one on one On Job Training during the visit with the attending Health Staff.
- Reduction in Malaria Clinical Diagnosis.
- Full participation of the Provincial Malaria Supervisor in the RMC Quarterly Visits.
- KOBO Tool was used in this quarter visit.

### **CHALLENGERS**

- Bad Weather which affected POMIO District Trip in Q3
- **NO OFFICE SPACE (this is an ongoing Issue)**
- Malaria Program vehicle use for other PHA program without proper consultation and vehicle Log Book not filled out properly.
- Malaria Clinical Deaths reported.

### **RECOMMENDATIONS**

- PMS to do in between Supervisory Visits to the nearest HF's to emphasize on Stock Management and Reporting
- Vehicle Log Books to be fill out correctly when the Vehicle is used by other PHA progam.
- Malaria Vehicle Keys to be given to the New HMM Officer once recruited.
- Investigation of Clinical Deaths

## **ACKNOWLEDGEMENT**

- East New Britain Provincial Health Authority
  - Chief Executive Officer Dr. Ako Yap
  - Director Public Health Mr. Norman Vakore
  - Director Curative Health Dr. Patrick Kiromat
  - Deputy Public Health Director Mr. Paschalis Kinakava
  - Provincial Disease Control Officer Mr. Joachim Kais
  - Provincial Pharmacist Mr. Leo Kume
  - Provincial Information Officer Ms. Clare Pidik
  - Partners Coordinator Ms. Ashwin Lau
  - Provincial Malaria Supervisor Mr. Patrick Vuravura
  - District Health Coordinator Pomio Ms. Imelda Kally
  - District Health Coordinator Kokopo Ms. Anastasia Deo
  - District Health Coordinator Gazelle Mr. Conrad Piyap
  - District Health Coordinator Rabaul Ms. Margaret Tavui
  - Driver Mr. George Luga
  - All OICs/SICs of all the Health Facilities in ENB
  - All Health Facility Staffs available during the Q3 Visit 2024
- Catholic Health Services
- United Church Health Services
- SDA Health Services
- AMS Kokopo Acting Manager Mr. Robert
- Rotarians Against Malaria
- Global Fund

## PHOTOGRAPHS



*Picture 1 is at Mungou HC during the HF visit and HMM M&E Visit & Picture 2 is at Warangoi RH, HMM M&E officer discussing HMM program with the HEO/OIC.*



*Picture 1 & 2 Black wrapping drug supplies for all HFs in Pomio District at the Transit Medical store by the Provincial Malaria Supervisor and the Malaria Driver.*



*Picture 1 is at Gaulim HC, PMS updating their Stock cards and the HMM M&E going through the ANC register book and Picture 2 is at Gelegele HC during the Q3 visit.*



*Picture 1 is at Tapo HC going through the Fansida IpTP record keeping books and Picture 2 is at Butuwin Urban Clinic discussing Malaria Clinical Diagnosis with the SIC and her two Health Workers.*



*Picture 1 is at Raunsepna HSC, PMS updating their stock cards & Picture 2 is at Rabaul Urban Clinic, PMS emphasizing on stock management to the CHW who is looking after the dispensary.*