



ROTARIANS AGAINST MALARIA NATIONAL MALARIA CONTROL PROGRAM



Q1 MALARIA TRIP REPORT ON THE SUPERVISORY M&E VISIT AND DRUG DISTRIBUTION FOR EAST NEW BRITAIN PROVINCE, JANUARY & FEBRUARY 2024



By: Erica Nawara, Malaria Coordinator NIP/ENB- RAM/NMCP



DATE: 29.01.24 to 16.02.24

ENBPHA Malaria Team:

1. Mr. Patrick Vuravura- Provincial Malaria Supervisor (PMS)
2. Miss. Joelyn Salo- Homebased Management of Malaria Officer (HMMO)
3. Mr. George Luga- Driver (Casual)

People met with in the Province:

1. Mr. Norman Vakore- Public Health Director
2. Mr. Joachim Kais Provincial Disease Control Officer
3. Ms. Clare Pidik- Provincial Health Information Officer
4. Mr. Patrick Vuravura- Provincial Malaria Supervisor
5. Miss. Joelyn Salo- Homebased Management of Malaria Officer (HMMO)

Purpose: Round 1 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

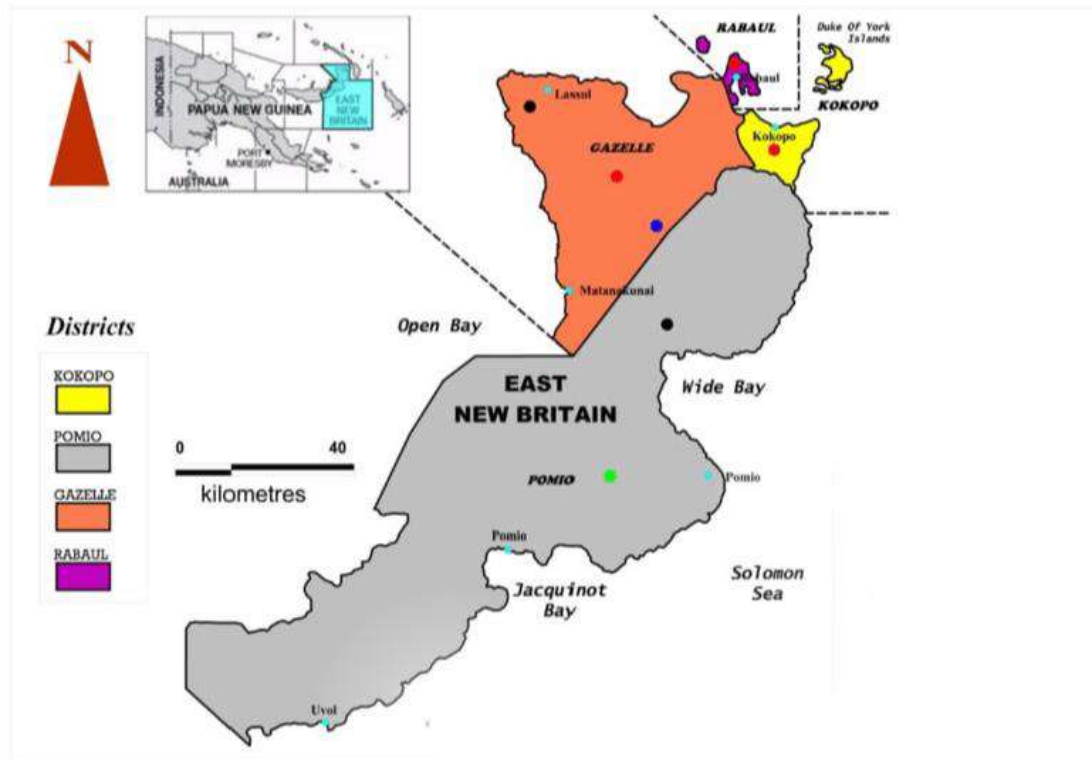
This was the first trip of 2024, to visit all accessible health centres (HC) in East New Britain Province (ENBP), and ensure that healthcare givers in these facilities are correctly diagnosing and treating malaria cases as per National Malaria Treatment Protocol. This trip was also to ensure that there 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 ONE VISIT

Table 1: Shows the Summary of what has been done in Q1 Malaria Visit in ENBP.

Days	Dates	Activities done
Monday	29.01.24	1. Arrived in Kokopo from POM 2. Courtesy Visit to PHA
Tuesday	30.01.24	1. Debrief with Public Health Director, PDCO, PMS and HMMO 2. Repacked drug supplies for all 32 Health Facilities with the HMMO.
Wednesday	31.01.24	Health Facility visit and drug distribution to Kerevat RH, Papatava HC, Napapar HC and Vunapope Hospital.
Thursday	01.02.24	Health Facility visit and drug distribution to Gaulim HC, Tapipipi HC and Tapo HC.
Friday	02.02.24	Health Facility Visit and drug distribution to Rabaul Urban Clinic, Livuan Day Clinic and Rabaul Provincial Hospital
Saturday	03.02.24	Health Facility Visit and drug distribution to Warangoi RH and Gelegele HC.
Monday	05.02.24	Health Facility visit and drug distribution to Mungou HC and Butuwin Urban Clinic



Tuesday	06.02.24	1. Health Facility visit and drug distribution to Vatnabara and Molot HC on Duke of York Island. 2. Boarding School net distribution to RAM Technical School on DOY Island.
Wednesday	07.02.24	Health Facility Visit and drug distribution to Lassul Bay HC and Vunapaka HC.
Thursday	08.02.24	1. Black wrapped cartons for all the HFs in Pomio District. 2. Went to RAMS shipping to confirm the shipping schedule to Palmalmal. 3. Met with the PHIO and did discussions on the Malaria Data quality. 4. Picked up the new vehicle Mazda BT50- REX 588 at PNG Motors
Friday	09.02.24	1. Went to Rabaul to drop of Fansidar at Rabaul Urban Clinic and Rabaul Provincial Hospital. 2. Brought Pomio Drugs to RAMS shipping to consigned but they advised to bring the cargos on Saturday. 3. Met with the PDCO to discuss the POMIO trip, he advised the Team not to take the risk because of the current bad weather situation in the Province. We also received a call from the District Health Coordinator for POMIO district advising the Team not to travel. So the POMIO trip was on hold.
Monday	12.02.24	Did boarding School Distribution for 3 Schools (Vunamani Farmers Training Centre, George Brown Secondary School and Kabaira Girl Vocational.
Tuesday	13.0.24	Facility Visit to Raunsepna HC
Wednesday	14.02.24	Did boarding school distribution for 2 schools (Gaulim Teachers College and Woolnough Vocational)
Thursday	15.02.24	1. Did stock counts on all the remaining RDTs and Drugs, as well as the ANC Mosquito nets 2. Debrief with PDCO.
Friday	16.02.24	Travel back to POM.

Rabaul District

Rabaul district has 2 reporting Health Facility which is Rabaul Urban Clinic and Nonga Rabaul Provincial Hospital. For this quarter it took 1 day to visit both Health Facilities. The PMS, HMMO and I visited both Health Facility on the 2nd of February.

Kokopo District

Kokopo District has 6 reporting Health Facility which is Vunapope St Mary's Hospital, Butuwin Urban Clinic, Tapo HC, Gelegele HSC, Vatnabara HSC and Molot HC. It took 5 days in this quarter to visit all this 5 Health Facility, during this 5days the Team also visited other Health Facilities in Gazelle district. 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, Papatava HSC, Vunapaka HC, Livuan Day Clinic, Raunsepna HSC & Open Bay HC. It took 5days to visit all 10 Health Facilities in this quarter. 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. The road condition to reach this 3 health facility has gone from bad to worse compared to the previous quarter. Out of the 10 HFs the team managed to visit 9 only in this quarter. The Team couldn't make it to wide bay because of continuous rain which leads to floods and bad road condition.

Pomio District

Pomio District has 14 reporting Health Facility and it is the biggest district in the Province. 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 Facility out of the 14, 3 of the Health Facilities are located in Wide Bay in the East Pomio LLG where it took 7 hours to reach all 3 of them by road from Kokopo and the rest of the 9 Health Facility are accessible from Palmalmal station. Palmalmal Station is only accessible by Sea and Air. The Team could not make it in this quarter because of bad weather. The PMS will continue the distribution in March when the weather settles. It took 2 days to physically visit this Health Facility in this quarter and they are Warangoi RH and Mungou HC. Overall for Pomio district it will take 10days or almost 2 weeks to visit all 14 health facilities. To sum up, it took 18days to cover all the 19 Health Facilities in East New Britain for this quarter. All these Health Facilities Physically visited and not physically visited were supplied with 3months supplies of RDTs, ACTs and Primaquine.

HEALTH FACILITY COVERAGE RATE

Table 2: *Below indicates summary of the visit and mode of distribution used in Q1 2024*

19	HF's which were physically visited and distributed
3	HF's not physically visited but commodities were picked up at PHO by Health Staffs
10	HF's not visited but commodities are left at the Transit Medical store for PMS to do the distribution.
0	HF's Closed
17	Total Accessible HF's
15	Total Inaccessible HF's
32	Total HF's open
0	Air Drop off HF supplies
111.8%	Coverage Percentage of Accessible HF's Visited
59.4%	Coverage Percentage of Total HF's



2024 Q1 HEATH FACILITY SUPERVISORY VISIT SUMMARY

Table 3. Distribution of Health Facilities in the Province, their accessibility and the date of visits in quarter 1 2024.

DISTRICT	HF	HF TYPE	AGENCY	ACCESSIBILITY	ACCESSIBILITY STATUS	DATE OF VISIT
Gazelle	Kerevat HC	HC	Government	Road	Accessible	31.01.24
Gazelle	Lassul Bay	HC	Government	Road	Accessible	07.02.24
Gazelle	Napapar	SC	Catholic Health	Road	Accessible	31.01.24
Gazelle	Open Bay SC	SC	Government	Road	Inaccessible	Not visited
Gazelle	Paparatava SC	SC	Catholic Health	Road	Accessible	31.01.24
Gazelle	Raunsepna SC	SC	Catholic Health	Road	Inaccessible	Not visited
Gazelle	Vunapaka HC	HC	Government	Road	Accessible	07.02.24
Gazelle	Gaulim SC	SC	United Church Health	Road	Accessible	01.02.24
Gazelle	Tapipi HC	HC	Government	Road	Accessible	01.02.34
Gazelle	Livuan	SC	Government	Road	Accessible	02.02.24
Kokopo	Butuwin	SC	Government	Road	Accessible	05.02.24
Kokopo	Molot	HC	Government	Sea	Accessible	06.02.24
Kokopo	Vatanabara SC	SC	United Church Health	Sea	Accessible	06.02.24
Kokopo	Vunapope Hosp	Hospital	Catholic Health	Road	Accessible	31.01.24
Kokopo	Tapo HC	SC	Government	Road	Accessible	01.02.24
Kokopo	Gelegele	SC	Government	Road	Accessible	03.02.24
Pomio	Aona	SC	Catholic Health	Sea/Road	Inaccessible	Not visited
Pomio	Guma	SC	Catholic Health	Road/Sea	Inaccessible	Not visited
Pomio	Marunga	SC	Catholic Health	Road	Inaccessible	Not visited
Pomio	Matong	SC	Government	Sea	Inaccessible	Not visited
Pomio	Muela	SC	Catholic Health	Sea/Track	Inaccessible	Not visited



Pomio	Mungou	HC	Government	Road	Accessible	05.02.24
Pomio	Nutuve	SC	Catholic Health	Sea/Track	Inaccessible	Not visited
Pomio	Palmalmal	HC	Government	Sea	Inaccessible	Not visited
Pomio	Pomio	HC	Government	Sea	Inaccessible	Not visited
Pomio	Sivauna SC	SC	Government	Sea/Road	Inaccessible	Not visited
Pomio	Uvol SC	SC	Catholic Health	Sea	Inaccessible	Not visited
Pomio	Warangoi HC	HC	Government	Road	Accessible	03.02.24
Pomio	Viosopuna HC	HC	Government	Sea/Track	Inaccessible	Not visited
Pomio	Hoiya SC	SC	SDA Health	Road	Inaccessible	
Rabaul	Rabaul Provincial Hosp.	Hospital	Government	Road	Accessible	02.02.24
Rabaul	Rabaul UC	UC	Government	Road	Accessible	02.02.24

PLAN FOR HARD TO REACH HEALTH FACILITIES

Table 4: Shows plan for hard to reach Health Facilities in Q1 2024

No.	Health Facility	How drugs will be distributed	Reasons for not visiting the Health Facility physically
1.	Muela HC	PMS will do the distribution in March when the weather settles	Bad Weather/ Inaccessible
2.	Visopuna HC	PMS will do the distribution in March when the weather settles	Bad Weather/ Inaccessible
3.	Matong HC	PMS will do the distribution in March when the weather settles	Bad weather
4.	Pomio HC	HEO OIC collected supplies from the Transit Medical Store in Kokopo	
5.	Nutuve HC	PMS will do the distribution in March when the weather settles	



6.	Uvol HC	PMS will do the distribution in March when the weather settles
7.	Sivauna HC	PMS will do the distribution in March when the weather settles
8.	Aona HC	PMS will do the distribution in March when the weather settles
9.	Palmal HC	PMS will do the distribution in March when the weather settles
10.	Hoiya HC	PMS will do the distribution in March when the weather settles
11.	Guma HC	PMS will do the distribution in March when the weather settles
12	Marunga HC	SIC collected supplies from Transit Medical Store in Kokopo.

All drug supplies for Pomio District Health Facilities that are accessible through Palmal Station are packed and left at the Provincial Medical store for PMS to continue the distribution to Pomio when the weather settles as per the PDCO's advice. For the 3 Health Facilities in Wide Bay East Pomio LLG, (Marunga, Hoiya & Guma), SIC Marunga collected their supplies already. For Hoiya HC, drugs are left at the SDA Health office for delivery and for Guma HC their drugs are left at the Provincial Medical store.

Table 5: Shows Health Facilities visited by each Malaria Officers in Q1 2024

No	HF visited by RMC, HMMO & PMS	HF visited by RMC & HMMO	HF visited by RMC & PMS
1	Paparatava HC	Vunapaka HC	Warangoi RH
2	Napapar HC	Lassul Bay HC	Gelegele HC
3	Kerevat RH	Tapo HC	
4	Vunapope St Marys Hospital	Rauncepna HC	
5	Butuwini U/C		
6	Rabaul Urban Clinic		
7	Rabaul Provincial Hospital (Nonga)		



8	Gaulim HC
9	Tapipipi HC

STOCK MANAGEMENT

Overall in the Province there's slow improvement due to continuous Health Facility visit and emphasizes. Stock Cards are kept well and updated for most HFs, only few Health Facilities needs more improvement. Generally, there is **NO STOCK OUTS** of Malaria Commodities especially RDTs, ACTs and Primaquine in all the Health Facilities in East New Britain Province in 2023. According to the stock out situation on the EHNIS it shows that there are stock outs reported but this is due to an error with reporting, so this was corrected during the visit.

***Table 6:** Shows Stock card management and stock out situation for the 19 Health facilities that were physically visited in Q1 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.	NO STOCK OUTS , they have sufficient supplies from Q4 2023 distribution. Stocks were given according to their current stock on hand.
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.	NO STOCK OUTS , they were found to have few supplies available. All their 2024 Q1 supplies were given during the visit.
Kerevat RH	Stock cards are well kept and its always updated	NO STOCK OUTS , they were given few stocks form the buffer stock before the actual distribution. All their Q1 2024 supplies were given during the visit.
St Mary's Hospital (Vunapope)	Stock cards are well kept and its always updated	NO STOCK OUTS , they have sufficient supplies from Q4 2023 distribution. Stocks were given according to their current stock on hand.
Tapipipi HC	They have stock cards but it's not kept updated.	NO STOCK OUTS , they have few supplies available. All their 2024 Q1 supplies were given.
Gaulim HC	They have stock cards but it's not updated	NO STOCK OUTS , they have sufficient supplies from Q4 2023 distribution. Stocks were given according to their current stock on hand.
Tapo HC	Stock cards are well kept and is always updated.	NO STOCK OUTS , they have sufficient stocks, so their Q1 2024 was not given.
Rabaul Urban Clinic	Stock cards are well kept and is always updated.	NO STOCK OUTS , they have sufficient supplies from Q4 2023 distribution. Stocks were given according to their current stock on hand.



Livuan Day Clinic	Stock cards are well kept and is always updated.	NO STOCK OUTS , they were given few stocks form the buffer stock before the actual distribution. All the Q1 2024 supplies were given during the visit.
Rabaul Provincial Hospital	Stock cards are well kept and is always updated.	NO STOCK OUTS , they have sufficient stock of ACTs, so only RDTs was given during the visit.
Warangoi RH	Stock cards are well kept and is always updated.	NO STOCK OUTS , they have sufficient supplies from Q4 2023 distribution. Stocks were given according to their current stock on hand.
Gelegele HC	Stock cards are well kept and its always updated.	NO STOCK OUTS , they have sufficient stock of ACTs, so only RDTs was given during the visit.
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.	NO STOCK OUTS , they have sufficient supplies from Q4 2023 distribution. Stocks were given according to their current stock on hand.
Butuwin Urban Clinic	Their Stock cards are well kept and is always updated.	NO STOCK OUTS , they have sufficient stock, so their Q1 supplies were not 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.	NO STOCK OUTS , they have sufficient supplies from Q4 2023 distribution. Stocks were given according to their current stock on hand.
Molot HC	Their Stock cards are well kept and its always updated.	NO STOCK OUTS , they have sufficient supplies from Q4 2023 distribution. Stocks were given according to their current stock on hand.
Vunapaka HC	Their Stock cards are well kept and its always updated.	NO STOCK OUTS , they have sufficient supplies from Q4 2023 distribution. Stocks were given according to their current stock on hand.
Lassul Bay HC	Their Stock cards are well kept and its always updated.	NO STOCK OUTS , they were given few stocks form the buffer stock before the actual distribution. All the Q1 2024 supplies were given during the visit.

ACCOUNTABILITY OF MALARIA DRUGS

Accountability of Malaria Drugs is still an ongoing issue in the Province. This issue was continuously mentioned during all the quarterly visit.



DRUG DISTRIBUTION

Table 7: Shows RDTs Procured by NDoH and supplied by Kokopo AMS and distributed in Q 1.

ITEM	BATCH NUMBER	EXPIRY DATE	TOTAL SUPPLIED IN Q1
RDT	H008B003D	7/24	1,500 boxes of 25 cassettes

Table 8: Shows RDTs and ACTs procured by Global fund and distributed by RAM

ITEM	BATCH NUMBER	EXPIRY DATE	TOTAL SUPPLIED IN Q1
RDT	Not supplied in Q1 2024		
ACT 6	7254175	12/24	135 boxes of 30 blisters
ACT 12	7254176	01/25	313 boxes of 30 blisters
ACT 18	7254367	01/25	186 boxes of 30 blisters
ACT 24	7254202/203/204	01/25	576 boxes of 30 blisters
Primaquine 7.5mg	Not Supplied in Q1 2024		

Table 9: Shows total number of Malaria Commodities distributed in Q1 2024

Item	Total Distributed in Q1 2024
RDT	2,007 boxes of 25 cassettes
ACT 6	122 boxes of 30 blisters
ACT 12	288 boxes of 30 blisters
ACT 18	180 boxes of 30 blisters
ACT 24	418 boxes of 30 blisters
Primaquine 13.2mg	1409 containers of 100 tablets

Table 10: Shows the current buffer stock of Malaria Commodities at the Provincial Medical Store after 2024 Q1 Distribution

RDT	ACT 6	ACT 12	ACT 18	ACT 24	Primaquine	Antenatal Nets
1500 boxes of 35 cassettes	57 boxes of 30 blisters	131 boxes of 30 blisters	47 boxes of 30 blisters	181 boxes of 30 blisters	300 container of 100 tablets	34 bales (1,700 nets)



ANTENATAL NETS

Table 11: Shows the Antenatal nets distribution list.

DATE	DELIVERY TO HEALTH CENTRE	PERSON RECEIVING GOODS	OFFICER SUPPLYING NETS	DOCUMENTATION NO.	STOCK IN	STOCK OUT	BALANCE	
	ANTENATAL LLINs STOCK BROUGHT FORWARD FROM 2023				4250		4250	85 bales
							4250	
31.01.24	Kerevat RH	Elizabeth Ilai	Erica Nawara	38074		100	4150	
31.01.24	St Marys Hospital Vunapope	Wilma Salir	Erica Nawara	38075		250	3900	
01.02.24	Tapijipi HC	Joe Goima	Erica Nawara	38077		50	3850	
02.02.24	Rabaul Urban Clinic	Karlah Mek	Erica Nawara	38078		50	3800	
02.02.24	Livuan Day Clinic	Dianna Konga	Erica Nawara	38079		50	3750	
02.02.24	Rabaul Provincial Hospital (Nonga)	Christine Warbing	Erica Nawara	38080		50	3700	
03.02.24	Warangoi RH	Jessica Bavai	Erica Nawara	38081		50	3650	
05.02.24	Mungou HC	George Thalingo	Erica Nawara	38082		50	3600	
05.02.24	Butuwin U/C	Carolyn Tareng	Erica Nawara	38083		100	3500	
06.02.24	Vatnabara HC	Jacobeth Samuel	Erica Nawara	38084		50	3450	
06.02.24	Ramoa Aina Marine Technical High School	Mr Desmond Siad	Erica Nawara	38085		300	3150	
06.02.24	Molot HC	Samantha Kua	Erica Nawara	38086		50	3100	
09.02.24	Rabaul Provincial Hospital (Nonga)	Marthrese Dapu	Erica Nawara	38087		50	3050	
12.02.24	Vunamami Farmers Training Centre	Joseph Vuia	Erica Nawara	38088		300	2750	
12.02.24	George Brown Secondary School	Ellen Eremas	Erica Nawara	38089		250	2500	
12.02.24	Kabaira Girls Vocational Centre	Marcella Vovovon	Erica Nawara	38090		200	2300	
12.02.24	Marunga HC	Mary Ben	Erica Nawara	38091		50	2250	
14.02.24	Gaulim Teaches College	Ms Maryane	Erica Nawara	38092		350	1900	
14.02.24	Woolnough Vocational	Mati Benny	Erica Nawara	38093		200	1700	
							1700	34 bales

For antenatal net distribution the team manage to distribute a total of **900 nets** in Q1 2024 and this will continue throughout the Year.

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.

BOARDING SCHOOL DISTRIBUTION

Table 12: Shows Boarding School Net distribution done in Q1 2024

Date	Name of School	Number of Nets distributed
06.02.24	Ramoa Aina Marine Technical High School	300
12.02.24	Vunamani Farmers Training Centre	300
12.02.24	George Brown Sceondary School	250
12.02.24	Kabaira Girls Vocational School	200
14.02.24	Gaulim Teachers College	300
14.02.24	Woolnough Vocational	200





6 Pictures above shows Happy students receiving their Mosquito Nets at their respective Schools.



MALARIA REPORT

East New Britain Province

MALARIA REPORT January to December 2023

Date Printed: 16/02/2024 05:35:14

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	9	421	9079	10	68	0	1	1219	17.6	8.7	8888	58.8	36.6	0.0
180102	Lassui Bay HC	9	26	3371	2	8	2	1	3	100	100	4527	76.6	58.7	0.7
180103	Napapar SC	11	69	1373	1	37	0	0	4	0	0	3853	35.4	23.1	0.1
180104	Open Bay SC	8	209	2099	1	15	0	2	7	100	0	2075	61.9	50.4	0.6
180105	Paparatawa SC	12	36	772	8	12	0	0	4	25.0	25.0	2953	23.8	14.9	0.0
180106	Raunsepna SC	10	0	1593	4	6	0	0	0	0	0	1766	85.5	55.3	0.1
180107	Vunapaka HC	11	0	784	0	1	0	0	0	0	0	3837	24.4	13.6	0
180108	Gaulim SC	9	67	741	0	1	0	0	1	0	0	2415	23.0	15.8	0.0
180109	Tapipipi HC	12	2	141	0	0	0	0	0	0	0	1114	21.4	10.3	0.6
180110	Livuan SC	9	46	4081	0	0	0	0	0	0	0	4284	75.4	58.1	0
GAZELLE District		100	876	24034	26	148	2	4	1238	18.3	8.9	35712	51.9	35.8	0.2
180201	Butuwini SC	9	374	2652	0	0	0	0	183	30.1	23.5	8328	31.6	22.1	0.3
180202	Molot HC	10	0	913	0	0	0	0	0	0	0	1821	50.4	41.9	0
180204	Vatanabara SC	9	33	706	9	1	0	0	0	0	0	619	56.1	41.5	0
180205	Vunapope HO	12	264	2025	21	4	2	0	39	33.3	10.3	9367	18.5	12.2	0.1
180206	Tapo SC	11	38	2602	9	5	1	0	2	0	0	9012	39.3	29.7	0.2
180203	Gelagela SC	9	9	1209	2	1	0	0	112	8.9	7.1	3748	40.7	26.5	0.5
KOKOPO District		60	718	10107	41	11	3	0	336	23.2	16.4	32895	32.5	23.3	0.2
180301	Aona SC	12	4	391	0	19	0	0	0	0	0	972	41.3	23.6	0.1
180302	Guma SC	10	220	1488	1	10	1	1	2	50.0	50.0	2921	57.6	40.2	0.2
180303	Marunga SC	12	255	1742	4	32	1	0	3	100	100	3923	58.8	42.1	0.3
180304	Matong SC	9	58	634	3	3	0	0	2	50.0	50.0	933	78.5	57.4	0
180305	Muela SC	11	12	697	3	2	0	0	2	50.0	50.0	1715	40.8	22.0	0.1
180306	Mungou HC	10	6	881	0	19	0	0	1	100	100	1801	61.4	44.3	0.6
180307	Nutuve SC	10	85	1464	1	3	0	1	0	0	0	2589	59.3	41.9	0.5
180308	Palmalmal HC	11	27	3151	9	44	1	9	7	71.4	71.4	4983	66.0	45.9	0.1
180309	Pomio HC	9	18	2534	25	11	0	0	7	100	100	4543	86.5	56.0	0.0
180310	Sivauna SC	8	109	1721	54	2	1	0	0	0	0	2060	83.0	64.4	1.7
180311	Uvol SC	9	10	4102	47	119	1	0	3	66.7	66.7	4660	80.5	61.5	0.0
180312	Warangoi HC	10	14	994	4	3	0	0	7	71.4	71.4	3071	41.4	28.3	0.2
180313	Viosopuna HC	9	42	488	2	0	0	0	0	0	0	439	72.7	50.1	0
180314	Hoiya SC	10	68	1894	1	6	0	0	0	0	0	4098	54.9	40.8	0.5
POMIO District		140	928	22181	154	273	5	11	34	76.5	76.5	38708	64.5	45.5	0.3
180401	Nonga Base Hospital	7	18	3271	16	0	0	0	1142	24.8	18.5	11601	25.1	15.6	0.7
180402	Rabaul UC	10	233	3853	0	0	0	0	0	0	0	6111	49.1	38.9	5.3
RABAUL District		17	251	7124	16	0	0	0	1142	24.8	18.5	17712	33.4	23.6	2.3
East New Britain Province		317	2773	63446	237	432	10	15	2750	22.3	14.6	125027	48.1	33.8	0.5

According to the Malaria Report it shows that most Monthly reports are yet to be submitted and approved by the PHIO. So it indicates that the timeliness of monthly report submission is still a big challenge.

Again according to the report are lot of Outpatient and Inpatient clinical cases has been reported despite the continuous visits and emphasis on **NO CLINICAL DIAGNOSIS**. The main reason is: **HEALTH STAFF IGNORANCE**. This high Clinical cases reported has really affected the Province 2023 Spar Report which shows increase Malaria Cases despite a lot of work and effort put into the Malaria Program.

In 2023 a total of 10 clinical deaths were reported and all these deaths reported were cross checked with the OICs during the visit, especially for the HFs in Kokopo and Gazelle Districts. While interviewing the OICs regarding the deaths, their 2 main reasons were:

1. Health Staff Ignorance
2. Error with reporting.



Table 13: Shows status report for all 4 district in ENB from January to December 2023.



PROVINCE : East New Britain
 MONTH From: January
 YEAR From: 2023
 DISTRICT : POMIO
 MONTH To: December
 YEAR To: 2023

2023	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Health Centre												
Hoiya SC												
Viosopuna HC												
Warangoi HC												
Uvol SC												
Sivauna SC												
Pomio HC												
Palmalal HC												
Nutuve SC												
Mungou HC												
Muela SC												
Matong SC												
Marunga SC												
Guma SC												
Aona SC												



PROVINCE : East New Britain
 MONTH From: January
 YEAR From: 2023
 DISTRICT : KOKOPO
 MONTH To: December
 YEAR To: 2023

2023	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Health Centre												
Gelagela SC												
Tapo SC												
Vunapope HC												
Vatanabara SC												
Molot HC												
Butuwin SC												



PROVINCE : East New Britain
 MONTH From: January
 YEAR From: 2023
 DISTRICT : GAZELLE
 MONTH To: December
 YEAR To: 2023

2023	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Health Centre												
Livuan SC												
Tapipi HC												
Gaulim SC												
Vunapaka HC												
Rausopna SC												
Paparatava SC												
Open Bay SC												
Napapar SC												
Lassul Bay HC												
Kerevat HC												



PROVINCE : East New Britain
 MONTH From: January
 YEAR From: 2023
 DISTRICT : RABAUL
 MONTH To: December
 YEAR To: 2023

2023	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Health Centre												
Rabaul UC												
Nonga Base Hospital												



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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180102	Lassul Bay HC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180103	Napapar SC	1	16	84	1	2	0	0	2	50.0	50.0	266	31.6	19.2	0.8
180104	Open Bay SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180105	Paparatava SC	1	0	71	0	1	0	0	0	0	0	206	25.7	20.9	0
180106	Raunsepna SC	1	20	0	0	0	0	0	0	0	0	74	27.0	9.5	1.4
180107	Vunapaka HC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180108	Gaulim SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180109	Tapipipi HC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180110	Livuan SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GAZELLE District		3	36	155	1	3	0	0	2	50.0	50.0	546	28.8	18.5	0.5
180201	Butuwin SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180202	Molot HC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180204	Vatanabara SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180205	Vunapope HO	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180206	Tapo SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180203	Gelagela SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KOKOPO District		0	0	0	0	0	0	0	0	0	0	0	0	0	0
180301	Aona SC	1	0	10	0	0	0	0	0	0	0	106	9.4	4.7	0
180302	Guma SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180303	Marunga SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180304	Matong SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180305	Muela SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180306	Mungou HC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180307	Nutuve SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180308	Palimalmal HC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180309	Pomio HC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180310	Sivauna SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180311	Uvoi SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180312	Warangoi HC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180313	Viosopuna HC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180314	Hoiya SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POMIO District		1	0	10	0	0	0	0	0	0	0	106	9.4	4.7	0
180401	Nonga Base Hospital	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180402	Rabaul UC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RABAUL District		0	0	0	0	0	0	0	0	0	0	0	0	0	0
East New Britain Province		4	36	165	1	3	0	0	2	50.0	50.0	652	25.6	16.3	0.5

According to January 2024 report it shows that only 4 Health Facilities have submitted their Monthly reports on time whereas all the other HFs are yet to submit their report. All these 4 Health Facilities who have already submitted their monthly reports are all HFs under Catholic Health Services (Napapar HC, Paparatava HC, Raunsepna HC and Aona HC). **3 Health Facilities out of the 4 still reported the first Clinical cases for 2024 despite the continuous emphasis.**

Malaria Positivity rate in January to February 2024 has slightly decrease in most Health Facilities in Kokopo, Rabaul and Gazelle district. This was confirmed by going through the Health Facility malaria registers during the visit to the Health Facilities.

Malaria daily data entry is done in all the Health Facilities in the Province except for **Rabaul Urban Clinic, Rabaul Provincial Hospital, Hoiya HC, Guma HC, Marunga HC, Open Bay HC, Raunsepna HC and Kerevat RH** The reasons for no daily entry are as follows, faulty ENHIS tablet, lack of knowledge and Health Staff ignorance.



MALARIA TREATMENT PROTOCOL

All health Facility visited 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 quarterly visit.

INTERMITTENT PREVENTATIVE TREATMENT IN PREGNANCY (IpTP)

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

Picture below shows the treatment record book for IPTp at Papatava HC. Most Health facilities are keeping records for all the 3 doses of IPTp, only few have not started doing that yet so during the visit they were advised to start. This will help to monitor pregnant mothers to make sure that they completed their 3 doses of fansidar before delivery.



MALARIA MICROSCOPY FACILITIES IN THE PROVINCE

Table 14: Shows Malaria Microscopy Facilities in East New Britain Province.

No	HF	Operational Status
1	Nonga Base Hospital	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	Vunapope Hospital	Currently Operating with also 1 working microscope. But are not reporting well into the ENHIS monthly report on timely bases.
3	Warangoi HC	Not Operating due to Run down Lab
4	Kerevat RH	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.
5	Rabaul Urban Clinic	Not operating due to no Reagents.
6	Butuwin Urban Clinic	Currently operating, their main challenge is also the reagents. They are reporting very well into the ENHIS monthly report.
7	Pomio HC	Not operating due to no Reagents
8	Palmalmal RH	Not Operating due to no Reagents



9	Gelegele HC	Started operating in March 2023. 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.
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HOMEBASED MANAGEMENT OF MALARIA

HMM Program in ENB 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

Total CMV Trained (2021-2023)	Total Inactive	Total Active
149	39	103

MALARIA PROGRAM VEHICLE



Old Program Vehicle

Vehicle used: RAM Program Vehicle RAQ 619

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

Registration validity: 05.07.24

Safety Sticker validity: 25.07.24

Duration of use: 5days (30.01.24-03.02.24)

Driver: George Luga (Casual Driver)

Contact: 72181179

RAQ 612 is currently at Ela Motors for Service and Repair.





New Program Vehicle

Vehicle used: RAM Program Vehicle RAW 379

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

Registration validity: 25.10.24

Safety Sticker validity: 18.04.24

Duration of use: 13days

Driver: George Luga (Casual Driver)

Contact: 72181179



Brand New Vehicle

Vehicle RAM Program Vehicle REX 588

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

Registration validity: 19.12.24

Safety Sticker validity: 19.06.24

Duration of use: 0

Driver: George Luga (Casual Driver)

Contact: 72181179



ACHIEVEMENTS

- New Program vehicle was given to the Program
- Full Participation of the PMS in Q1 Visit and Drug distribution
- Drug Rotation on Fansidar
- Boarding School Net distribution and Awareness
- Physically visited 19 Health Facilities.
- Daily Malaria Data Entry into the ENHIS tablets for 24 HFs.
- Malaria Reports are shared with the Health Facility Staffs during the visit.
- Continous Onsite Refresher Training during the HF visit

CHALLENGERS

- Bad weather
- Bad Road Condition
- Few Health Facilities are still doing Clinical Diagnosis
- Poor Timeliness of Monthly Report submission.
- Lack of Knowledge on Malaria section on the monthly report forms for New SICs.
- Patients not fully utilizing the Mosquito nets

RECOMMENDATION

- Effective AWARENESS on the use of Mosquito Nets, Healthy Island Concept and Treatment Compliance. (PMS to Lead)
- Continuous emphasis on **No Clinical deaths** and **No Clinical Diagnosis**
- All Malaria Deaths should be investigated.
- PMS to start Quarterly Visits and Distribution before RMC's arrival in the Province
- Letter from the CEO's office advising the Specific Health Facilities who are currently doing Clinical Diagnosis of Malaria.
- Data quality check on all Malaria reports with the ENBPHA PHIO
- Malaria Refresher Trainings for New SICs on the Malaria Section on the Monthly Report Forms.
- Plan for Malaria CQ training for Pomio District
- Plan for Malaria CQI trainings for St Mary's School of Nursing (Vunapope) and Rabaul CHW School.

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 Q1 Visit 2024
- Catholic Health Services
- United Church Health Services
- SDA Health Services
- AMS Kokopo Acting Manager Mr. Robert
- Home Base Malaria Management Officer Miss. Joelyn Salo Rotarians Against Malaria
- Rotarians Against Malaria
- Global Fund

PHOTOGRAPHS

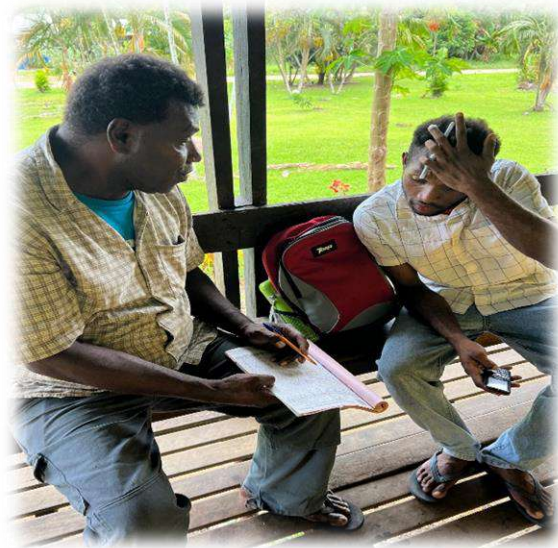
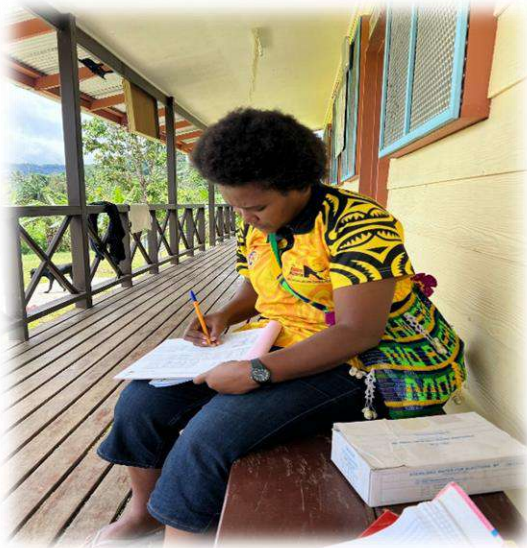


HMMO went through the stock cards with the Officer at Mungou HC and PMS loading the Nets on to the Dingy for Molot and Vatnabara HC Trip



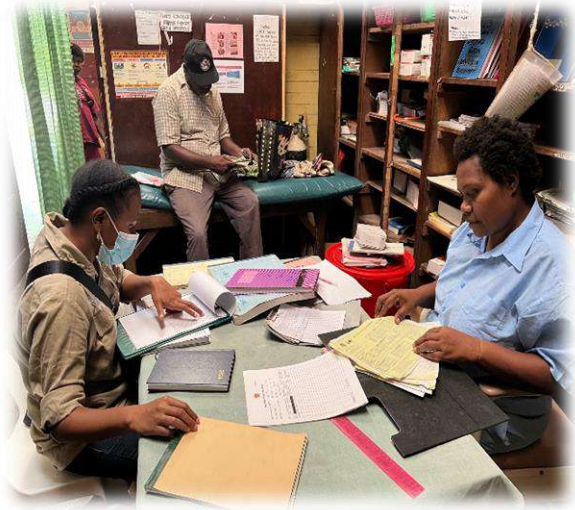


PMS and HMMO giving an awareness at RAM Technical High School before the Net distribution



HMMO filling out the GDN at Raunsepna HC and PMS going through the Treatment Protocol with the Officer at Mungou HC





HMMO repacking drugs for Distribution and RMC giving the HF report feedback at Papatatava HC.

