



QUARTER 1 2025 MALARIA COMMODITY DISTRIBUTION AND HEALTH FACILITY SUPERVISION IN WSP PROVINCE – FIELD TRIP REPORT



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Destination: ESP Province

Date trip started: 28.02.25

Date trip ended: 08.03.25

Purpose of Travel: Quarter 1 Drug distribution and M&E HF supervision

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OBJECTIVE

This was the first (1st) quarter trip of 2025, to carry out routine Malaria Health Facilities (HF) supervisory visit and Drug distribution in East Sepik Province;

The main objectives and activities involved

- Visit all accessible HFs and ensure that there is adequate supply and NO STOCK OUT of malaria Rapid Diagnostic Test (RDT) kits, Artemisinin-based combined Therapy (ACT)s Primaquines (PQs) and other malaria commodities including Antenatal Care (ANC) nets.
- Ensure that inaccessible HFs still receive their share of malaria commodities based on reports and consumption needs whether visited or not.
- Ensure accountability of malaria commodities issued in Q2 distribution by checking Malaria Register/ ANC registers.
- Ensure that all Malaria suspected cases are correctly tested and diagnosed and,
- Ensure updated malaria treatment protocol is followed for all confirmed malaria cases
- Ensure Intermittent Preventative Treatment in pregnancy (IPTp) is practiced by health care workers
- Ensuring accurate and timely monthly reporting via National Health Information System (NHIS) and follow up on outstanding ones.
- Ensure Home Management of Malaria (HMM) program is supported by respective supervising HFs

EXECUTIVE SUMMARY

The quarter one (1) malaria commodity distribution and health facility supervision for East Sepik Province was conducted by Regional Malaria Coordinator, Mr. Fabian Worr and Provincial Malaria Supervisor, Ms.Appoloniah Parihuais. This visit is under the National Malaria Control Program (NMCP) to carry out M&E for malaria program, to visit all accessible health facilities in ESP.

ESP RMC/PMS Q1 2025 M & E and malaria commodities distribution to health facilities in ESP is the first quarter for 2025. For this visit, malaria commodities distribution and M&E visits were conducted in 3 weeks.

For this quarter the health facility supervision and round one distribution of malaria commodities commenced on 25.02.25. For this quarter, we have started our visits from the Wewak district facilities and continued to all other districts. Malaria commodities for quarter one (1) districts were pre packed for pick up at the PHO. Most of the malaria commodities were consigned to designated ports in Dec, 2024.

Moreover, the malaria commodities for this quarter were from the Global Fund (GF) and NDOH supply. These supplies were from the RAM PSM and AMS Wewak. This arrangement was done by RAM PSM by protocol to the NDOH MSPD team. The AMS Wewak supplied malaria RDTs and primaquine. RAM PSM team supplied ACTs.

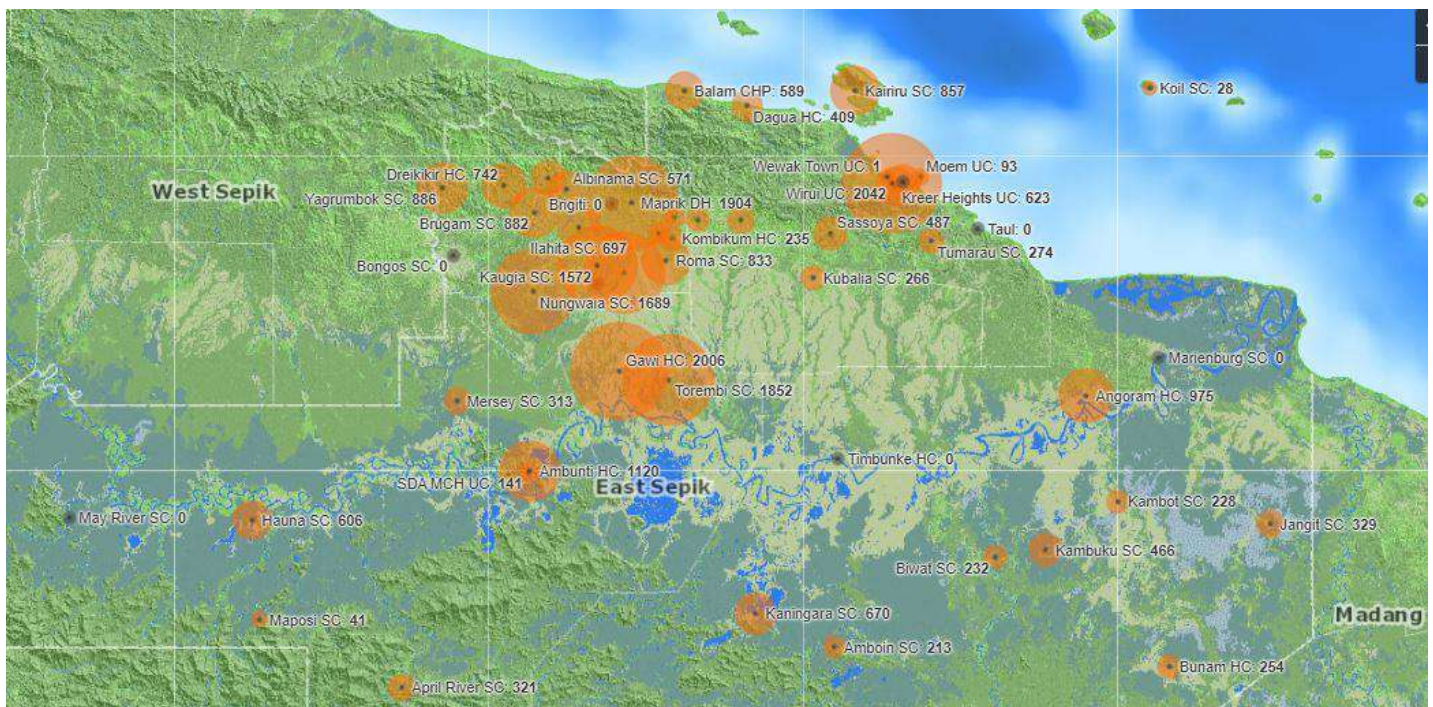
BRIEF BACKGROUND INFORMATION OF EAST SEPIK PROVINCE

East Sepik province is located on the North Eastern part PNG and shares common borders with Madang, Enga, Hela, and West Sepik provinces. Wewak is the provincial capital is located on the coast of East Sepik. East Sepik has an estimated population of 433, 481 (2010 census) and is 43, 426 km square in size.

The province also has diverse geography. There are a scattering islands off shore, and coastal ranges dominate the landscape just inland of the coast. The remainder of the province's geography is dominated by the Sepik River.

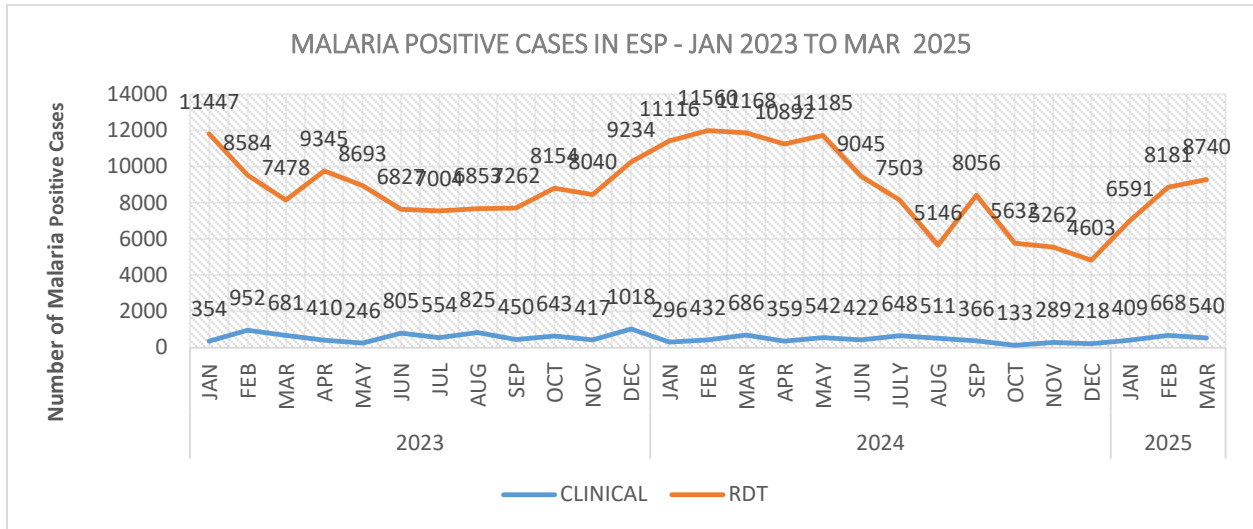
East Sepik province has 6 administrative districts with 52 registered reporting health facilities and 207 Aid Posts (AP)s. As per 2023 NHIS Malaria Report only 51/52 HF's are currently reporting.

Each of these regions present unique challenges to service delivery, and in this case for quarterly malaria supervisory visits with drugs and ANC nets distribution.



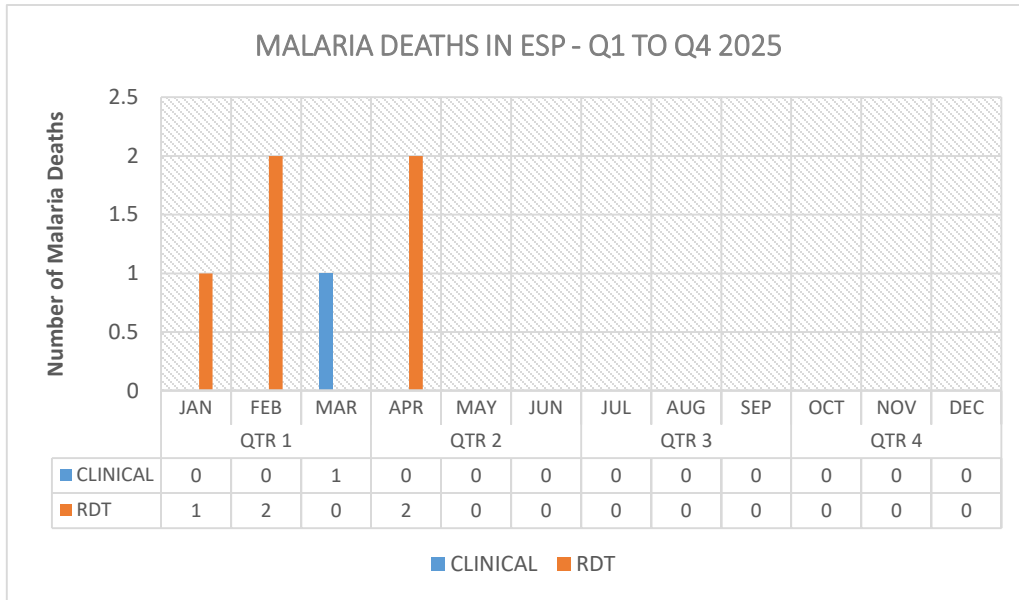
Map 1. Shows the heat map of malaria cases in ESP from 01/01/25 to 31/03/25. Source: NHIS Heatmaps

MALARIA SITUATION IN EAST SEPIK PROVINCE



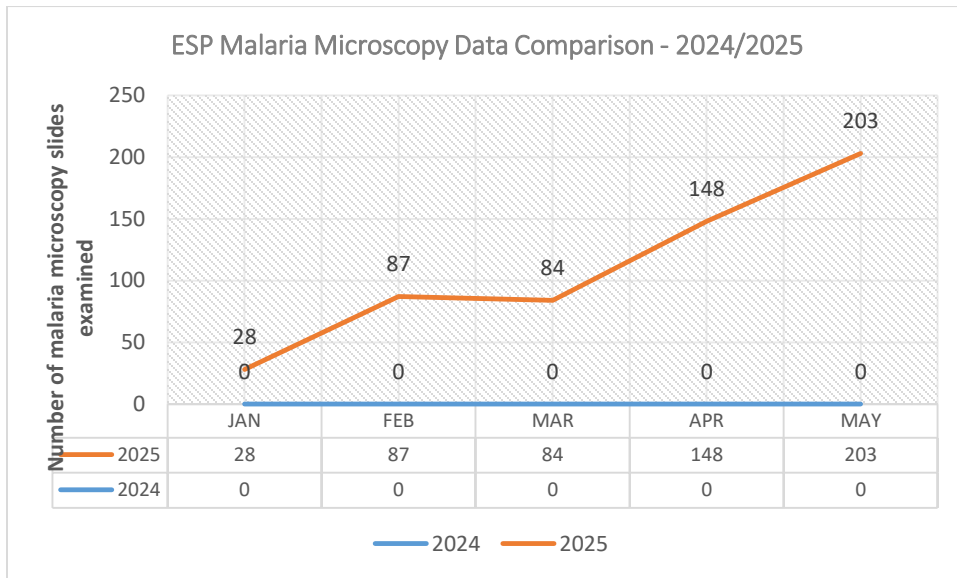
Graph 1. Gives an illustration for malaria positive cases in ESP from Jan 2023 to March 2025. Source: Clinical Malaria register, e-NHIS.

- From Jan 2023 to Mar 2025, there has been more RDT malaria confirmed cases as compared to clinical malaria cases reported. These are malaria cases reported in the outpatient only.
- The highest malaria cases were reported in Feb 2024 (11,185). There is a notable decrease in malaria cases since May 2024 (9045).
- There is now a decrease in malaria cases since May 2024. This is most likely due to the recent LLIN household distribution in the province in Jan – Feb 2025 and also the availability of primaquine in the health facilities.
- In Jan – Feb, 2025, you will notice there is an increase trend of malaria positive cases.



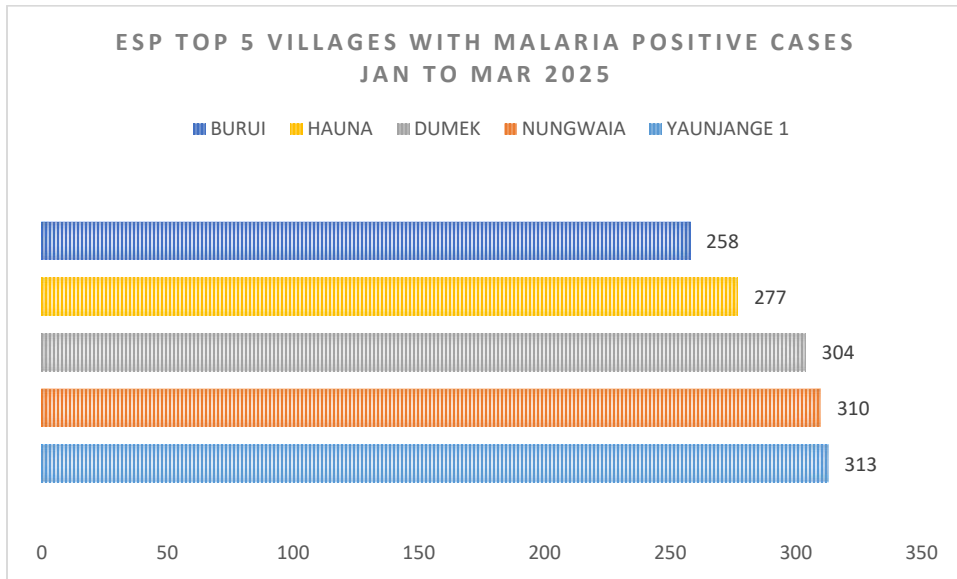
Graph 2. Gives an illustration for Malaria Deaths in ESP from Q1 TO Q4 2025. Source: Malaria Summary report, e-NHIS.

- In period between Jan 2025 to April 2025, there is a total 6 deaths in the province. 5 of the deaths are confirmed by RDT, thus 1 is a clinically diagnosed malaria death.
- Even though, the RDT confirmed and clinical malaria deaths are reported. It is only wise to do investigations to determine the factors that lead to the deaths. Way forward, to liaise with WHO Malaria Technical Advisor on how best to carry the investigations.



Graph 3. Gives an illustration for Malaria Microscopy comparison in ESP from 2024/2025. Source: Malaria Summary report, e-NHIS.

- As per Graph 3, it shows that malaria microscopy data was not captured in 2024 although after continuous liaison with the medical laboratory team and the PHIO team. The malaria microscopy data is now capture in 2025.
- It is stipulated that malaria microscopy data will improve for 2025 with the established connection between the Boram Medical laboratory and the PHIO team.



Graph 4. Gives an illustration for Malaria Deaths in ESP (2015 – 2025). Source: Clinical Malaria register, e-NHIS.

- In the first quarter of 2025, the top 5 locations that have reported increased number of malaria cases are Yauniange 1, Nungwaia, Dumek, Huana and Burui.
- Those villages are under the catchement of Roma HC, Nungwaia HC, Hauna HSC and Gawi HC.

NHIS REPORTING UPDATES

It is important to also note the percentage of reports in which the 3-years' data is obtained from:

- 443/451 expected monthly reports for 36 active Reporting HFs in **2022 = 98%**
- 449/451 expected monthly reports for 36 active Reporting HFs in **2023 = 99%**
- 451/451 expected monthly reports for 36 active Reporting HFs in **2024 = 100%**

Therefore, malaria data presented above may vary as more outstanding reports get captured.

Quarter 1 2025 malaria data as of (31.03.25) is highlighted below:

Jan-2025: 49/51 expected monthly reports= 96%

Feb-2025: 50/51 expected monthly reports= 98%

March-2025: 51/51 expected monthly reports= 100%

As of 01/04/25, there are pending reports from health facilities. The summary by month are as follows;

- Jan – 2 pending NHIS report
- Feb – 1 pending NHIS report
- March – 0 pending NHIS report

STOCK SITUATION- mRDT, ACT, PRIMAQUINE and ANC LLIN

Malaria Commodity	Batch Numbers	Expiry Date	Funding Source
RDTs	HOO60012D	Oct 26	NDOH
ACT6	BIAPH021	Nov 21	NDOH
ACT 6	HWE084001	Dec 26	NDOH
ACT 12	7258991A	Feb 27	GF
ACT 12	7258307A	Jan 26	GF
ACT 12	CIAP001	June 26	NDOH
ACT 18	DIAPH003	Apr 27	NDHO
ACT 18	72579928	Jan 26	GF
ACT 24	NAA2414A	Feb 28	GF
PQ	T35805	Jan 27	NDOH

These stock were used to ensure that there was **NO STOCK OUT**, and for all HF's to receive Q1 malaria commodities whether visited or not, based on their monthly reports and consumption needs.

ANTENATAL CARE NETS

Distribution of ANC nets is also supported by GF; where treated mosquito nets are issued to pregnant women upon their first visit to the ANC clinic.

Additional bales were supplied by RAM on 28 March 25 and distribution shall continue with coordinated support by the Provincial Malaria team, to ensure all pregnant women receive nets records in respective clinics.

The total ANC LLIN distribution for 1,900 ANC LLIN were distributed in ESP Q1 2025. No LLIN distribution were done for high risk group for the VC 3 indicator.

SUMMARY OF Q1 2025 HF SUPERVISORY VISIT & DRUG DISTRIBUTION

Q1 HF Visit and drug distribution commenced in Feb 2025. All road accessible HFs were visited except for those health facilities that were inaccessible during that period.

The health facility coverage of accessible health facilities for this quarter is 94.44%.

As always, malaria reports collected and stock distributed/replenished based on consumption assessments as per reports, and onsite refresher trainings held with staff present based on needs identified at the time of visit.

There was no prolonged STOCK OUT in general, and all HFs had received Q1 malaria commodities whether visited or not.

No	Date Visited	District	Health Facility	No	Date Visited	District	Health Facility
1	25.02.25	Wewak	Dagua HC	2	25.02.25	Wewak	Balam CHP
3	25.02.25	Wewak	Yarapos MAP	4	25.02.25	Wewak	Boikin MAP
5	27.02.25	Yangoru Sausia	Kubalia SC	6	27.02.25	Yangoru Sausia	Sassoya SC
7	27.02.25	Yangoru Sausia	Yangoru HC	8	28.02.25	Wewak	Wewak Town UC
9	28.02.25	Wewak	Wiriu UC	10	28.02.25	Wewak	Moem UC
11	04.03.25	Wosera Gawi	Gawi HC	12	04.03.25	Wosera Gawi	Kaugia HC
13	04.03.25	Wosera Gawi	Kunjigini SC	14	04.03.25	Wosera Gawi	Torembi SC
15	04.03.25	Wosera Gawi	Wombisa HC	16	05.03.25	Wosera Gawi	Nungwaia HSC
17	05.03.25	Maprik	Kombikum HC	18	05.03.25	Maprik	Roma HC
19	05.03.25	Maprik	Naramko HC	20	06.03.25	Ambunti Dreikir	Ambunti HC
21	06.03.25	Ambunti Dreikir	SDA MCH	22	07.03.25	Ambunti Dreikir	Bana
23	07.03.25	Maprik	Iahita SC	24	07.03.25	Maprik	Maprik DH
25	07.03.25	Maprik	Albinama SC	26	07.03.25	Maprik	Brigiti CHP
27	08.03.25	Ambunti Dreikir	Drekikir HC	28	08.03.25	Maprik	Brugam HC
29	10.03.25	Wewak	Wewak MCH	30	10.03.25	Wewak	Kreer Heights UC
31	11.03.25	Wewak	Taul CHP	32	12.03.25	Wewak	Tumurau SC
33	13.03.25	Angoram	Angoram DH	34			

Wewak District: A total of 13/15 health facilities inclusive of major aid post were visited and distributed supplies. Health facilities that could not be reached had their supplies prepacked for pick up.

- Kairuru HSC picked up their malaria commodities.
- Koil HSC malaria commodities were delivered to SDA Mission health office for distribution/pick up.
- Balam CHP: No stock ANC LLIN. Pending restock.
- Wewak Town UC: Low on primaquine thus restocked.
- Wiriu UC: Low on ACT and ANC LLIN. Hence restocked.
- Taul CHP: expired RDT removed. Restocked with RDT/ACT.
- Tumurau HC/Moem UC: Expired RDT notable. Restocked.
- Passam MAP/Yarapos MAP: Overstocked with malaria commodities. Q1 supplies withheld.

Angoram District: A total of 1/1 health facilities were visited during the visit. Malaria commodities for all health facilities were prepacked.

- Malaria commodities for Marienberg HSC, Kambot HSC, Kambuku HSC and Bunam HC were left with at Angoram DH for pick up.
- Health staff from Biwat HC picked up malaria commodities at the PHO.
- Marienberg HSC was not visited physically due to security issues along the way.
- Other river health facilities were also not visited as the counter funding for the trip did not eventuate.

Yangoru Sausia District: A total of 3/4 health facilities were visited during the visit. Malaria commodities for Naksimigel SC was prepacked for pick up.

- Naksimigel HSC was not visited as due to the road condition going into the health facility.
- Yangoru HC stocked out on ACT and ANC LLIN thus was restocked.
- Kubalia HC: Notable expired RDTs. Restocked.
- Sassoya HC: Overstocked with malaria commodities.

Maprik District: A total of 8/9 health facilities were visited during the visit.

- Malaria commodities for Ulupu HSC was prepacked and left at Mapik DH for pick up.
- Naramko CHP: Expired ACT/RDT. Also overstocked malaria commodities at health facility. Q1 2025 supply withheld.
- Ilaihita HC: Expired RDT noted.
- Maprik DH: Overstocked with PQ. Aidpost malaria data not capture in NHIS tablet.
- Alma CHP: Not registered under PHA or structure as yet. Working progress. Although malaria commodities for Naramko CHP and Sassoya HC were rotated there. As it has CMV in the catchment.

Wosera Gawi District: A total of 6/6 health facilities were visited during the visit.

- All health facilities in the district were visited. Malaria commodities were supplies except for Kaugia HC.
- Torembi HC was also visited after being deem inaccessible. New road construction right to the health facility.
- Kaugia HC: Overstocked with malaria commodities. Q1 2025 supplies rotated to Torembi HC.

Ambunti Drekkir District: A total of 4/11 health facilities were visited during the visit. Bongo HSC is currently closed.

- Ambunti DH: Notable RDT expired. Malaria commodities for health facilities as May River HC, Mersey HC, Hauna HC and SDA MCH were at Ambunti HC for pick up.
- SDA MCH: Physically visited. New staff at facility. Necessary refresher conducted.
- Bana HC: Currently under renovation. Overstocked with malaria commodities.

HOME-BASED MANAGEMENT OF MALARIA (HMM)

HMM Program has been in the province since 2020 where it is serving the rural communities with basic malaria testing and treatment through trained CMVs.

This program is currently being implemented in the following districts of Wewak, Yangoru Sausia, Maprik and Wosera Gawi.

Since 2020, a total of 324 were trained. It is noted that 257 are active. 67 are inactive due to personal reasons.

There is a provincial HMM Officers who is employed my RAM through Global Fund, that oversee the HMM program and are closely supported by the Provincial Malaria team.

HMMO Immaculate was recently recruited as such her induction was done in collaboration with the ESP Q1 2025 malaria commodities distribution and M&E.

POSITIVE OBSERVATIONS

- No major stock outs of malaria commodities at the provincial and HF level with major support from AMS Wewak team.
- ESPHA supported in the transportation of malaria commodities for Maprik, Wosera Gawi and Ambunti Dreikir into Maprik for distribution.
- ESPHA supported for accommodation in Maprik for health facility visit in the prior mentioned districts.
- ESPHA have also recruited district malaria officers for Maprik and Angoram districts.
- ESPHA have taken the initiative through the office of PHIO to update all electronic NHIS tablet to version 91.00.

CHALLENGES

- In ESP Q1 2025, there is notable expired malaria RDTs on the shelves. It is also noted that the life span of the malaria RDTs are short. Thus expiring quickly.
- Certain Major aidpost have positive cases as equal to reporting health facilities. As such, receiving malaria commodities from reporting health facility makes them vulnerable to stock outs.
- Ongoing sales of ACTs in the streets of ESP a major setback.

RECOMMENDATIONS

- To elevate report to MSPD to ensure all malaria commodities procured into country have longer shelve life.
- To do re-quantification of malaria commodities per facility prior to ESP Q3 2025.
- For established ESP Medical Therapeutic Committte (MTC) to establish recommendations for action.

ACKNOWLEDGMENTS

- Rotarians Against Malaria - Global Fund
- East Sepik Provincial Health Authority (WSPHA)
- Provincial Malaria Supervisor – Appoloniah Parihuasi
- Provincial Health Information Office
- Officer in Charge and staff of all health facilities visited
- AMS Wewak arranging malaria commodities (RDTs and primaquine) for Q1 2025 distribution.
- District Health Managers, and health facility staff in all 6 districts



Picture 1. Health facility visit in Maprik DH. Trip to Maprik and Ambunti trip was accompanied by PDCO ESP.



Picture 2. Health facility visit to Nungwaia HC.

PICTURES



Picture 3. During ESP Q1 2025. This was also the induction of the new HMMO and district malaria officer.



Picture 4. ESPHA have given ongoing support to the program as to engage BGY 870 for transporting malaria commodities for Maprik, Wosera Gawi and Ambunti Dreikir.