

# GREATER MEKONG SUB-REGION ELIMINATION OF MALARIA (GEMS+) MALARIA SURVEILLANCE BULLETIN



JANUARY – DECEMBER 2021





## GEMS+ Network Performance



Lao PDR

Myanmar

Vietnam

 Suspected cases tested	59,470	87,814	12,802
 Confirmed positive cases	200	1,154	43
 Positivity rate	0.34%	1.31%	0.34%
 Private sector service outlets & malaria volunteers*	330	899	592

## GEMS+ Contribution to National Testing & Caseload Data

 Reported by GEMS+

 Reported by National Programs

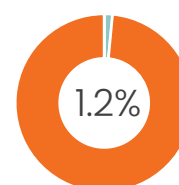
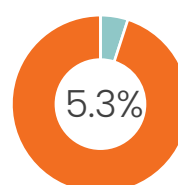
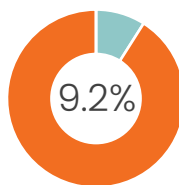
Lao PDR

Myanmar\*

Vietnam

Cases tested (national) <sup>1</sup>	643,887	1,654,543	1,034,562
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Proportion of total national tests reported by PSI private sector outlets & malaria volunteers



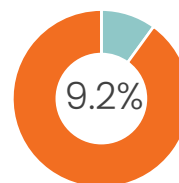
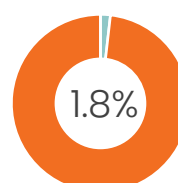
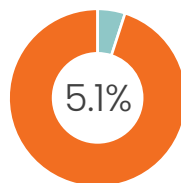
Confirmed positive cases (national)

3,924

65,096

467

Proportion of total national caseload reported by PSI private sector outlets & malaria volunteers



\* National data for Myanmar is preliminary for January – November 2021 from the National Malaria Control Programme, and the proportion of GEMS+ contribution is likely to decrease once the verified December data is available.



# LAO PDR | JANUARY - DECEMBER 2021

## MALARIA SURVEILLANCE BULLETIN



**59,470**  
Suspected cases tested



**200**  
Confirmed positive cases

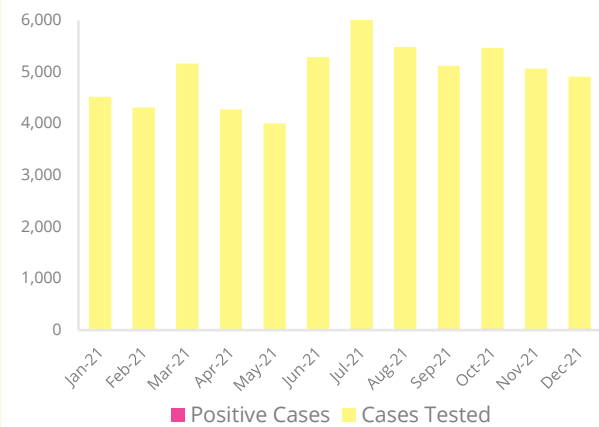


**0.34%**  
Average positivity rate



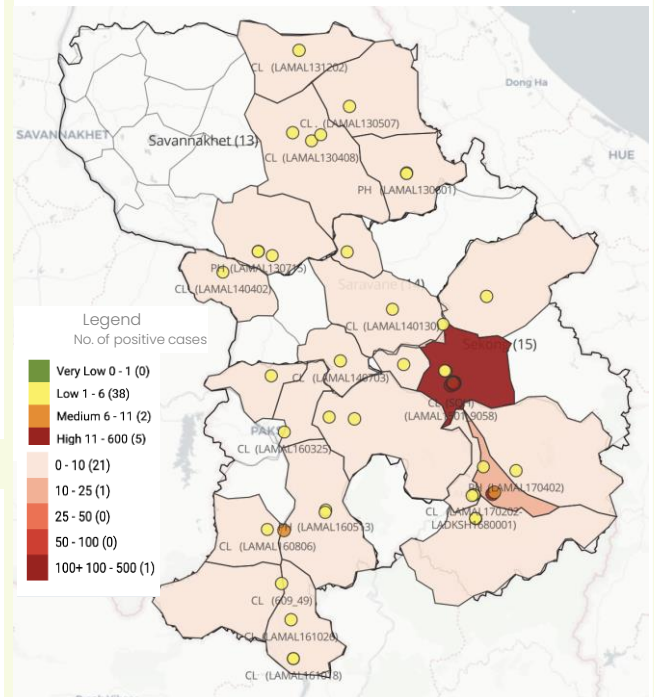
**103** Formal private outlets enrolled in GEMS+  
**227** Outlets transitioned to NMP

### Suspected Cases Tested & Confirmed Positive Cases



### Characteristics & Distribution of Confirmed Positive Cases

#### Positive cases detected by outlets



#### Positive cases by Plasmodium species

- P.f. (30.5%)
- P.v. (69.5%)
- Mixed (0.0%)



### Quality of Case Management

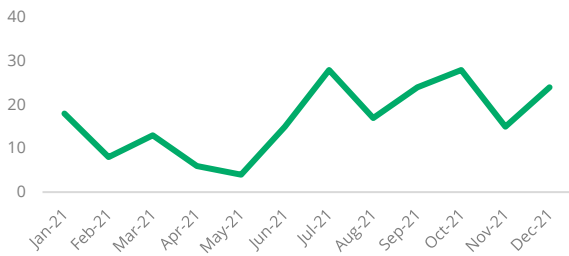


**100%** Suspected cases tested with RDT



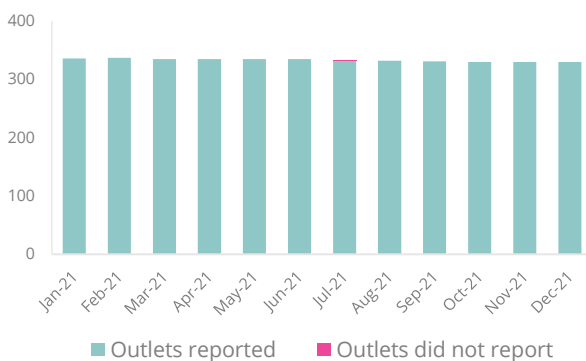
**95%** Cases treated or referred according to guidelines

### Confirmed Positive Cases



### Reporting

#### Number of outlets reporting



**100%**  
Average reporting rate



# MYANMAR | JANUARY - DECEMBER 2021

## MALARIA SURVEILLANCE BULLETIN



**87,814**  
Suspected cases tested



**1,151**  
Confirmed positive cases

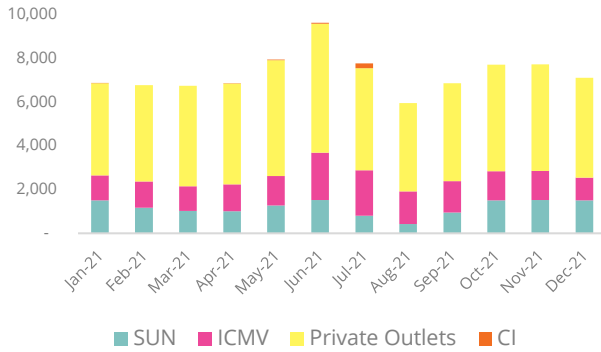


**1.31%**  
Average positivity rate



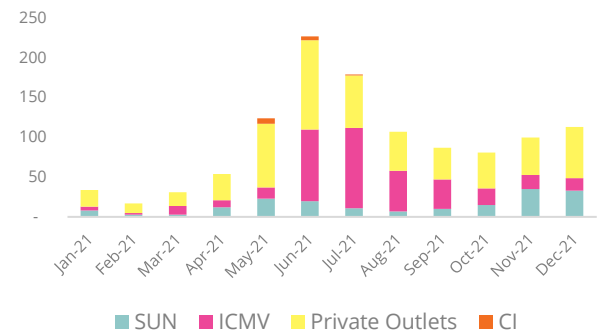
**841**  
**0**  
Private outlets enrolled in GEMS+  
Outlets transitioned to NMP

### Suspected Cases Tested by Channel



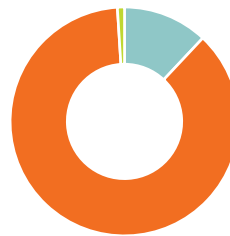
	Sun Quality Health Network (SUN)	Non-Formal Private Outlets (PO)	Integrated Community Malaria Volunteers (ICMV)	Case Investigation (CI)*
No. Providers	391	375	111	-
Cases tested	14,215	56,415	16,876	308
Positive cases	180	586	375	13
Positivity rate	1.3%	1%	2.2%	4.2%

### Confirmed Positive Cases by Channel

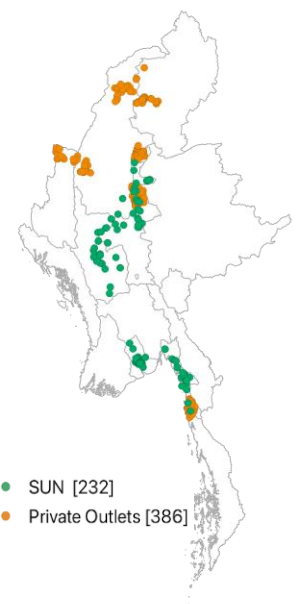


### Characteristics of Confirmed Positive Cases

#### Positive cases by Plasmodium species



### GEMS+ Outlets Enrolled in 2021



### Reporting Rates by Channel



**39%**  
SUN

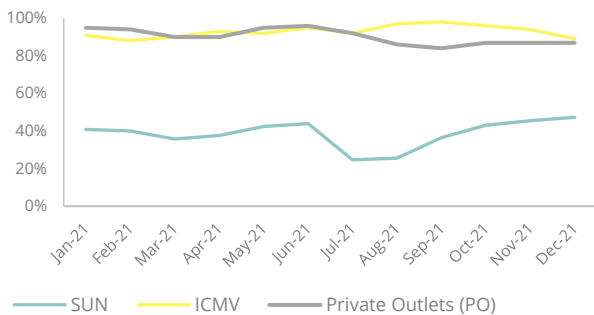


**90%**  
Private Outlets



**93%**  
ICMV

### Proportion of expected reports received



### Quality of Case Management



Percentage of confirmed positive cases treated according to guidelines

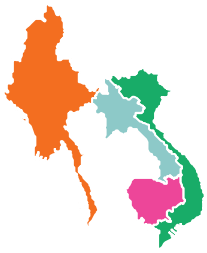
**100%**  
SUN

**100%**  
ICMV

**100%**  
Private Outlets

\* Under Case Investigation, PO and PSI field staff conducted RDT testing during CI activities in some townships under GEMS+





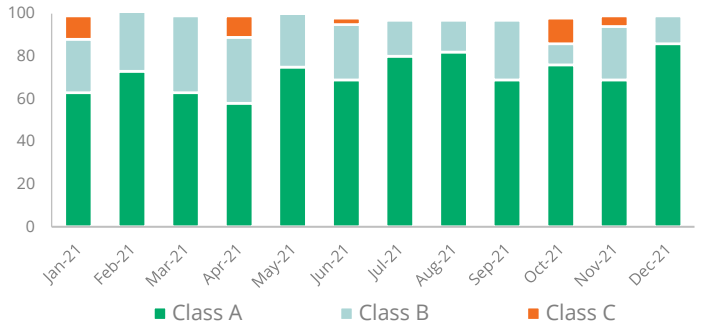
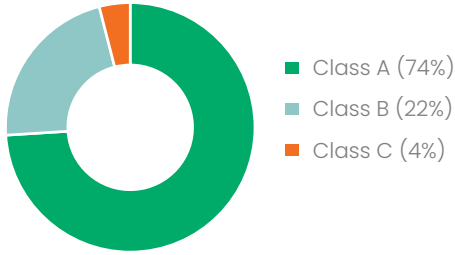
## GEMS+ | JANUARY - DECEMBER 2021

### PROVIDER QUALITY OF CARE ASSESSMENTS FOR MALARIA CASE MANAGEMENT

■ Class A: 100-90%   
 ■ Class B: 89-80%   
 ■ Class C: <80%

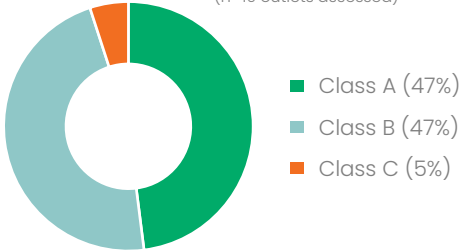
#### Lao PDR Quality of Care Score

PPMs  
(n=312 outlets assessed)

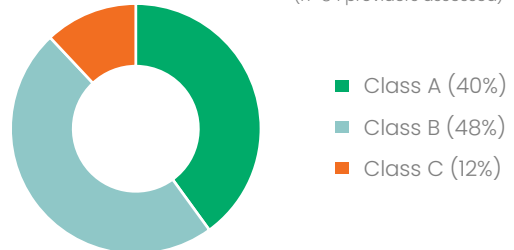


#### Myanmar Quality of Care Score

ICMV  
(n=19 outlets assessed)

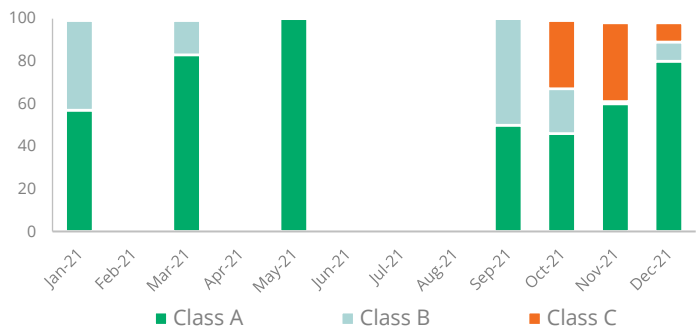
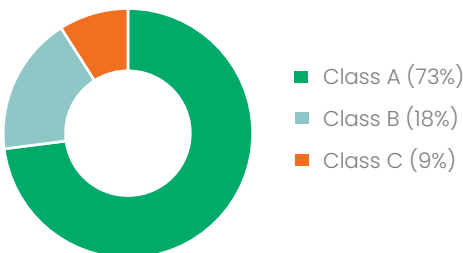


Private Outlets (PO)  
(n=84 providers assessed)



#### Vietnam Quality of Care Score

Clinics  
(n=149 outlets assessed)



# GEMS+ NETWORK TRANSITION TIMELINE

## GEMS+ NETWORK TRANSITION TIMELINE

- Mobile Malaria Workers (MMWs) / Outlets currently part of the network
- Outlets disassociated from the network
- Outlets transitioned to National Malaria Program (NMP)

