



**ASEAN  
BIOLOGICAL THREATS  
SURVEILLANCE CENTRE**

**ABC  
BIV  
BB  
A**

# Morbidity and Mortality Weekly Report (MMWR)

Infectious & Emerging Diseases  
in the ASEAN Region

With Support by:



Korea Disease Control and  
Prevention Agency



in partnership with  
Canada



Kemenkes



ASSOCIATION  
OF SOUTHEAST  
ASIAN NATIONS

This report aims to provide the current situation on infectious and emerging diseases in the ASEAN Region. We collate various information from multiple official sources and publicly available sources and is published every week on Wednesday. ABVC follows Epi-week calendar in its publication. For feedback and/or suggestions, please write to [support@aseanbiosurveillance.org](mailto:support@aseanbiosurveillance.org)

## Editorial

### ASEAN SECRETARIAT

Assistant Director and Head of Health Division  
Human Development Directorate

ASEAN Socio-Cultural Community Department

**Jennifer Frances dela Rosa, MPH, MSc HPPF**

Programme Coordinator (Health Security)

Mitigation of Biological Threats (MBT) Programme

**Michael Glen, MSSc**

### EDITORIAL TEAM

Editor-in-Chief

**Abdurrahman, MPH**

Managing Editor

**Aldilas Achmad Nursetyo, MD, MS**

Associate Editor

**Abdul Haris Ibrahim, MHI**

**Habibi Rohman Rosyad, MSc**

**Nindy Fadellah Wulan, MPH**

Copy Editor

**Ajeng Sekar Pratiwi, A.Md**

**Dwi Sasongko, A.Md.**

Supporting Staff

**Svetlana Pratiwi, SKM**

**Divva Kaamila, S.Tr.Kom**

**Natasha Alicia Putri, S.Tr.Kom**

### PUBLISHER

ASEAN Biological Threat Surveillance Centre

Health Policy Agency

Ministry of Health of Indonesia

Jl. Percetakan Negara No. 29 Johar Baru, Central Jakarta, Indonesia 10560

**E-mail:** [support@aseanbiosurveillance.org](mailto:support@aseanbiosurveillance.org)

**Facebook:** <https://www.facebook.com/abvc.official/>

**Instagram:** <https://www.instagram.com/abvc.official/>

## Table of Contents

<b>Emerging Diseases</b> .....	<b>2</b>
Mpox.....	3
COVID-19.....	7
Influenza .....	9
Influenza-like Illness .....	10
<b>Zoonosis</b> .....	<b>11</b>
Rabies .....	12
<b>Vector-borne Diseases</b> .....	<b>13</b>
Dengue .....	14
Malaria .....	15
<b>Vaccine-preventable Diseases</b> .....	<b>16</b>
Measles .....	17

A person wearing a full-body white protective suit, including a hood and a face mask with a filter. They are wearing black gloves and holding a black cylindrical object in their right hand. The background is a dimly lit laboratory or clinical setting.

# Emerging Diseases

# MPOX

## Mpox Cases Reported in the ASEAN Region

January 1, 2025 – February 28, 2026



Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia (<https://infeksiemerging.kemkes.go.id>)
3. WHO Mpox Outbreak: Global Trends, accessed March 3, 2026 ([https://worldhealthorg.shinyapps.io/mpx\\_global/](https://worldhealthorg.shinyapps.io/mpx_global/))
4. Communicable Disease Agency, Ministry of Health Singapore, accessed March 3, 2026, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

### Key Findings

- The number of Mpox cases from January 1 to February 28, 2026, are **21 cases with no deaths**.
- There were **no new cases of Mpox** in epi-week 8 of 2026.
- **56,747 confirmed cases** of mpox have been reported in **other regions** (other than the **ASEAN** region):

### Mpox cases in the ASEAN region in 2025 and 2026 (as of 28 February, 2026)

ASEAN Member States	Cumulative Cases in 2025	Cumulative Deaths in 2025 (CFR)	Cumulative Cases in 2026	New Cases Since Previous Report	Cumulative Deaths in 2026 (CFR)
<b>Cambodia</b> <sup>1</sup>	0	0 (0.00%)	0	0	0 (0.00%)
<b>Indonesia</b> <sup>2</sup>	0	0 (0.00%)	0	0	0 (0.00%)
<b>Lao PDR</b> <sup>3</sup>	0	0 (0.00%)	0	0	0 (0.00%)
<b>Malaysia</b> <sup>3</sup>	14	0 (0.00%)	4	0	0 (0.00%)
<b>Philippines</b> <sup>3</sup>	286	6 (2.10%)	0	0	0 (0.00%)
<b>Singapore</b> <sup>4</sup>	23	0 (0.00%)	5	0	0 (0.00%)
<b>Thailand</b> <sup>3</sup>	157	3 (1.91%)	12	0	0 (0.00%)
<b>Vietnam</b> <sup>3</sup>	2	0 (0.00%)	0	0	0 (0.00%)
<b>ASEAN Total</b>	<b>482</b>	<b>9 (1.87%)</b>	<b>21</b>	<b>0</b>	<b>0 (0.00%)</b>

Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia (<https://infeksiemerging.kemkes.go.id>)
3. WHO Mpox Outbreak: Global Trends, accessed March 3, 2026 ([https://worldhealthorg.shinyapps.io/mpx\\_global/](https://worldhealthorg.shinyapps.io/mpx_global/))
4. Communicable Disease Agency, Ministry of Health Singapore, accessed March 3, 2026, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

## Top 5 countries with the most mpox cases globally (Jan. 1, 2025 to Feb. 28, 2026)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
<b>Democratic Republic of Congo</b>	23,521	1,683	48	0.22%
<b>Uganda</b>	7,146	70	38	0.53%
<b>Sierra Leone</b>	5,442	0	60	1.10%
<b>United States of America</b>	2,605	0	0	0.00%
<b>Guinea</b>	2,151	0	6	0.28%

Source: WHO Mpox Outbreak: Global Trends, accessed March 3, 2026 ([https://worldhealthorg.shinyapps.io/mpx\\_global/](https://worldhealthorg.shinyapps.io/mpx_global/))

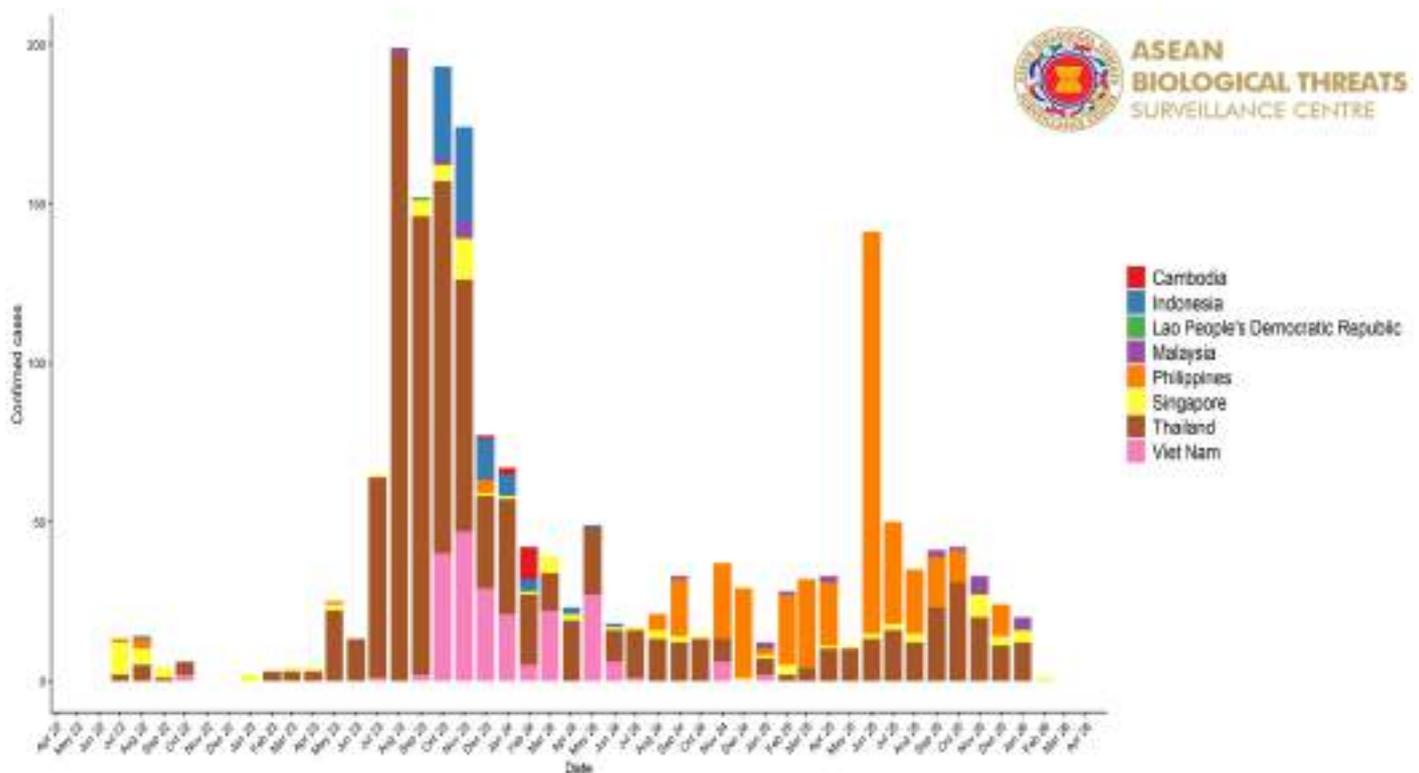
## Mpox cases per region (Jan. 1, 2025 to Feb. 28, 2026)

REGIONS	CUMULATIVE CASES 2025-2026	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
<b>AFRICA</b>	45,898	1,850	198	0.43%
<b>AMERICAS</b>	5,796	0	7	0.12%
<b>ASEAN</b>	503	0	9	1.79%
<b>ASIA &amp; OCEANIA</b>	2,041	0	0	0.00%
<b>EUROPE</b>	3,012	110	1	0.03%
<b>TOTAL</b>	<b>57.250</b>	<b>1,960</b>	<b>215</b>	<b>0.38%</b>

Source: WHO Mpox Outbreak: Global Trends, accessed March 3, 2026 ([https://worldhealthorg.shinyapps.io/mpx\\_global/](https://worldhealthorg.shinyapps.io/mpx_global/))

## Trend of Mpox Confirmed Cases in the ASEAN Region

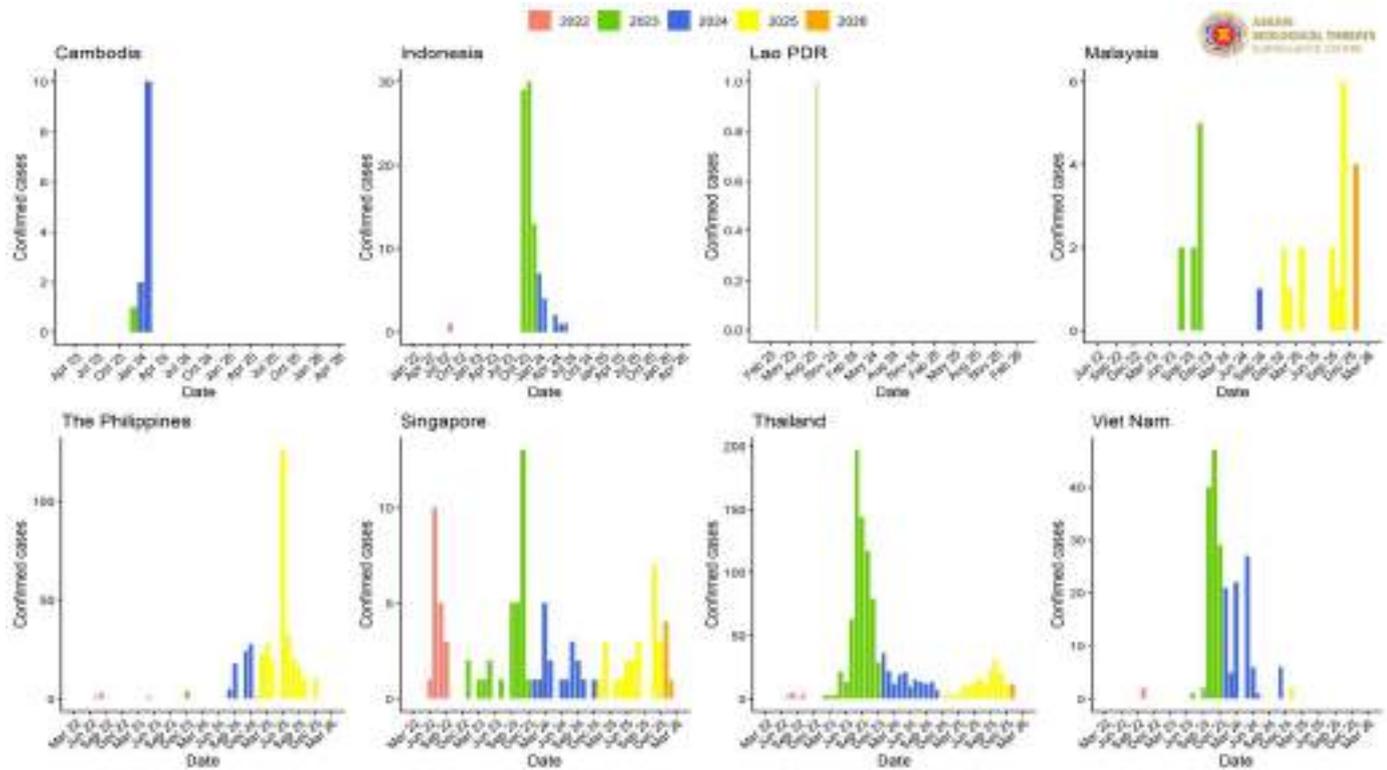
January 1, 2022 to February 28, 2026



Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia (<https://infeksiemerging.kemkes.go.id>)
3. WHO Mpox Outbreak: Global Trends, accessed March 3, 2026 ([https://worldhealthorg.shinyapps.io/mpx\\_global/](https://worldhealthorg.shinyapps.io/mpx_global/))
4. Communicable Disease Agency, Ministry of Health Singapore, accessed March 3, 2026, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

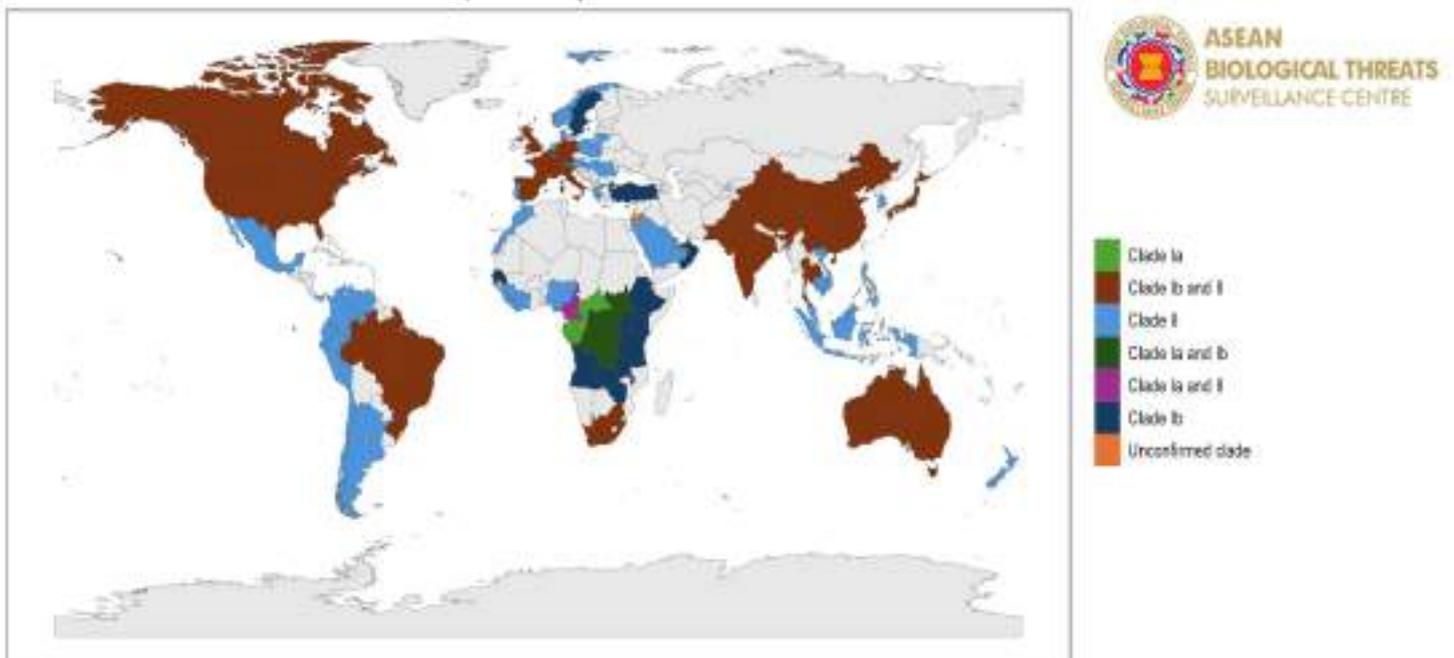
## Trend of Mpox Confirmed Cases among ASEAN Member States January 1, 2022 to February 28, 2026



Source:

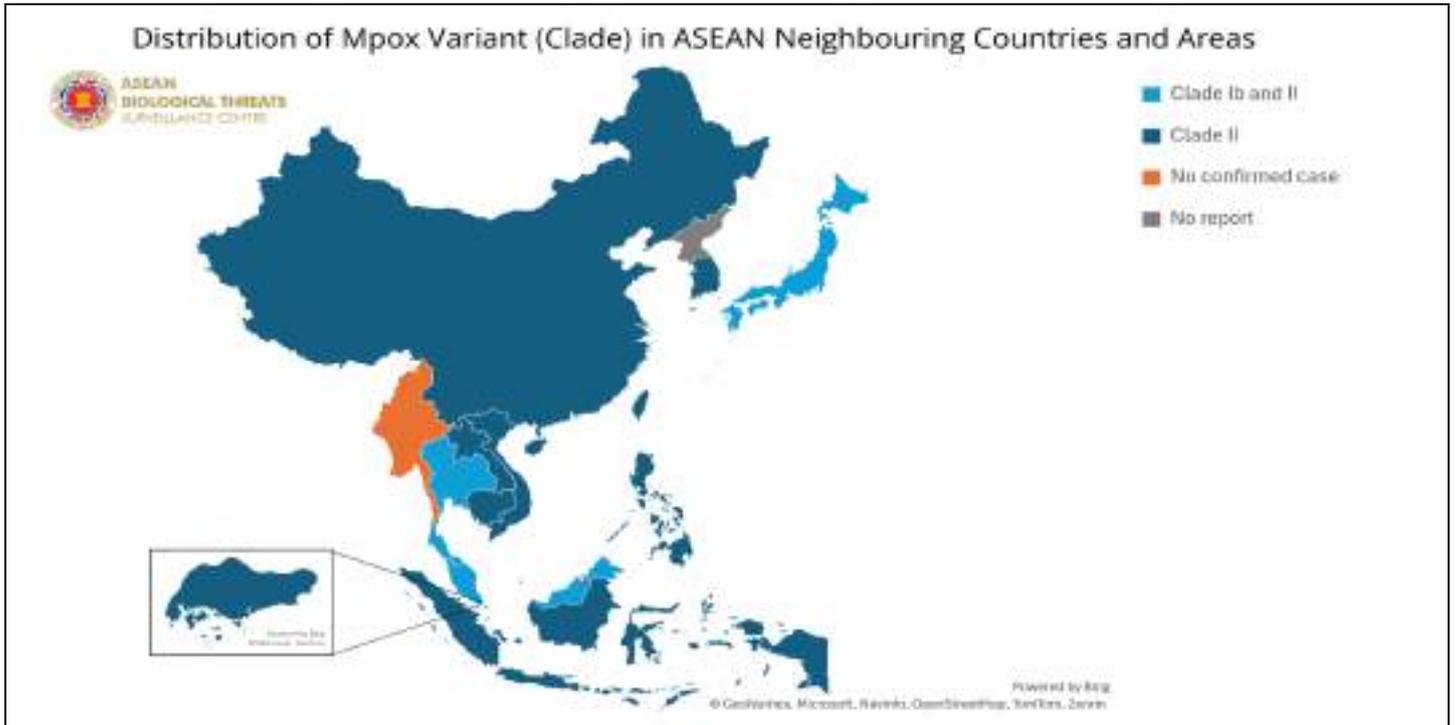
1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia (<https://infeksiemerging.kemkes.go.id>)
3. WHO Mpox Outbreak: Global Trends, accessed March 3, 2026 ([https://worldhealthorg.shinyapps.io/mpx\\_global/](https://worldhealthorg.shinyapps.io/mpx_global/))
4. Communicable Disease Agency, Ministry of Health Singapore, accessed March 3, 2026, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

## Distribution of Mpox Variants in The Global As of February 28, 2026



Source: GISAID and WHO

## Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas As of February 28, 2026



Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia (<https://infeksiemerging.kemkes.go.id>)
3. WHO Mpox Outbreak: Global Trends, accessed March 2, 2026 ([https://worldhealthorg.shinyapps.io/mpx\\_global/](https://worldhealthorg.shinyapps.io/mpx_global/))
4. Communicable Disease Agency, Ministry of Health Singapore, accessed March 2, 2026, (<https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>)

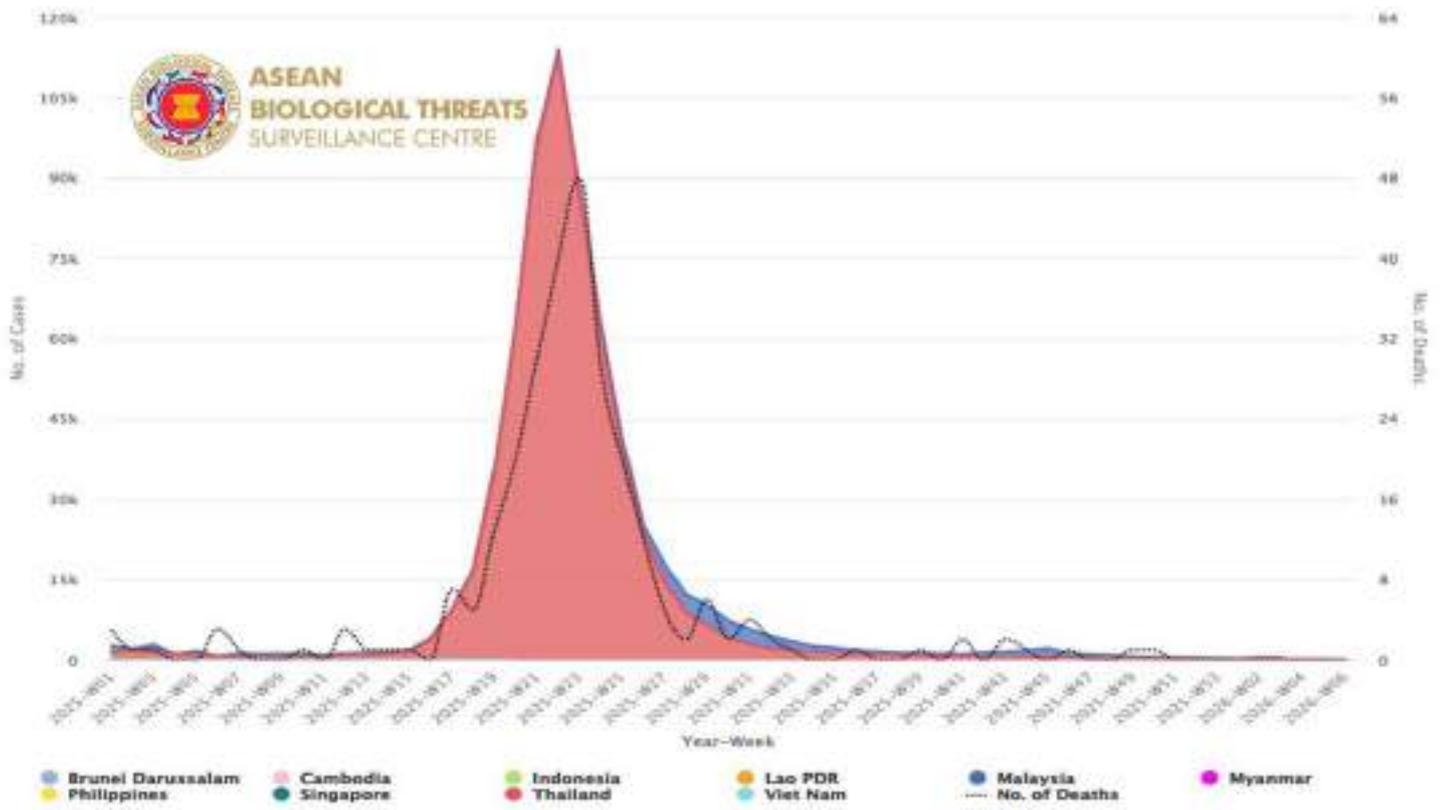
# COVID-19

## Key Findings

- Recently, the number of **confirmed COVID-19 cases reported to ASEAN are declining** compared to the previous year.
- The number of confirmed COVID-19 cases reported from 1 January 2026 to 28 February 2026 are **1,643 cases with 0% Case Fatality rate (CFR)**
- In February 2026, this week shows that SARS-CoV-2 circulation across ASEAN remains entirely within the **Omicron** lineage, with most countries now dominated by **JN.1** or its monitored descendants, while several still report substantial BA.\* or XBB-driven activity. Indonesia, the Philippines, Lao PDR, Singapore, Thailand, and Viet Nam all show strong signals of **JN.1**-derived variants (notably **LP.8.1, NB.1.8.1, KP.3, and XFG**), whereas Brunei remains largely BA.\*-dominated and Myanmar continues to be driven mainly by **XBB.1.16** and related **XBB** lineages. Overall, no new variant of concern has emerged in the region this week, but the rapid diversification within the **JN.1** lineage underlines the need for continued sequencing and close monitoring of **JN.1** descendants.

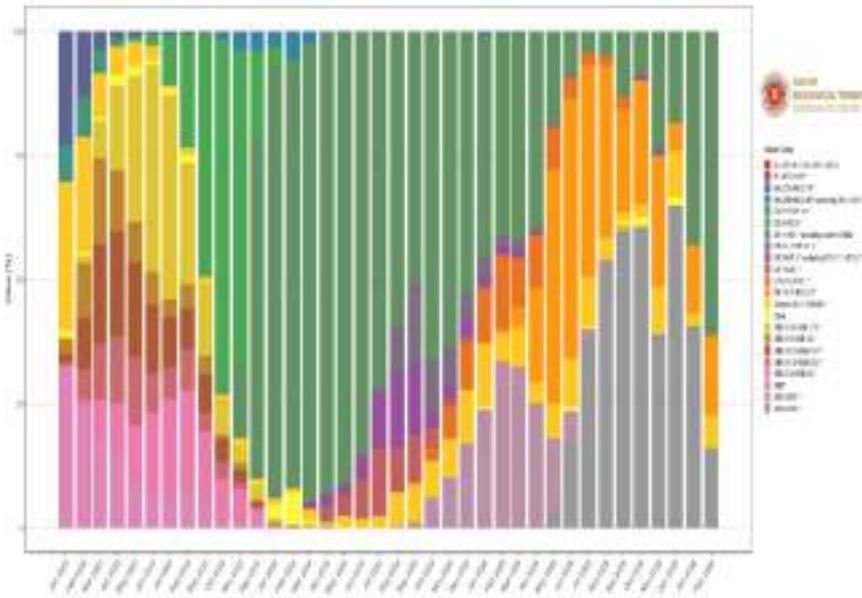
## ASEAN Weekly COVID-19 Cases and Deaths

From January 1, 2025 to February 28, 2026



Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), MOH Myanmar, [MOH Malaysia](#), and [WHO](#) accessed on March 3, 2026

## COVID-19 Variants Frequencies Among the ASEAN Member States As of January 2026



Source: GISAID. "hCoV-19 Variants Dashboard," accessed March 3, 2026, <https://gisaid.org/hcov-19-variants-dashboard/>.

### COVID-19 Variants Frequencies in the ASEAN Region

From January 2023 to February 2026

Country	JN.1+JN.1.*	Omicron B.1.1.529+BA.*	XEC+XEC.*	KP.3.1.1+KP.3.1.1.*	LP.8.1+LP.8.1.*	NB.1.8.1+NB.1.8.1.*	Other
Brunei	24.12	73.17	2.71	0.00	0.00	0.00	0.00
Cambodia	7.22	16.06	0.33	2.58	16.56	6.66	34.74
Indonesia	66.04	2.09	0.00	0.00	0.00	1.55	0.00
Laos	0.00	9.11	1.03	0.00	0.93	32.65	0.00
Malaysia	16.03	20.50	7.35	2.00	2.12	9.38	18.00
Myanmar	6.97	1.42	0.00	0.00	0.00	0.45	0.00
Philippines	21.77	2.72	0.00	0.00	70.43	0.00	0.00
Singapore	16.26	12.54	10.70	7.74	14.37	15.03	0.00
Thailand	9.77	22.93	13.98	3.17	7.46	22.93	0.00
Vietnam	31.99	32.45	6.42	0.00	0.00	29.15	0.00

Source: GISAID. "hCoV-19 Variants Dashboard," accessed March 3, 2026, <https://gisaid.org/hcov-19-variants-dashboard/>.

From January 2023 to February 2026

Country	XBB*	XFG+ XFG.*	XBB.1.9.2+X BB1.9.2.*	KP.3+KP.3.*	BA.2.86+ BA.2.86.*	LB.1+LB.1.*	XBB.1.16+ XBB.1.16.*	BA.2.75+BA.2.75.*
Brunei	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cambodia	15.50	0.35	0.00	0.00	0.00	0.00	0.00	0.00
Indonesia	0.00	17.93	12.39	0.00	0.00	0.00	0.00	0.00
Laos	0.00	0.70	0.00	55.58	0.00	0.00	0.00	0.00
Malaysia	3.42	3.51	0.00	4.85	9.42	3.42	0.00	0.00
Myanmar	0.00	40.10	0.00	0.00	0.00	0.00	51.07	0.00
Philippines	0.00	5.07	0.00	0.00	0.00	0.00	0.00	0.00
Singapore	0.00	14.49	0.00	5.63	0.00	2.31	0.00	0.46
Thailand	0.00	13.43	0.00	4.23	2.11	0.00	0.00	0.00
Vietnam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source: GISAID. "hCoV-19 Variants Dashboard," accessed March 3, 2026, <https://gisaid.org/hcov-19-variants-dashboard/>.

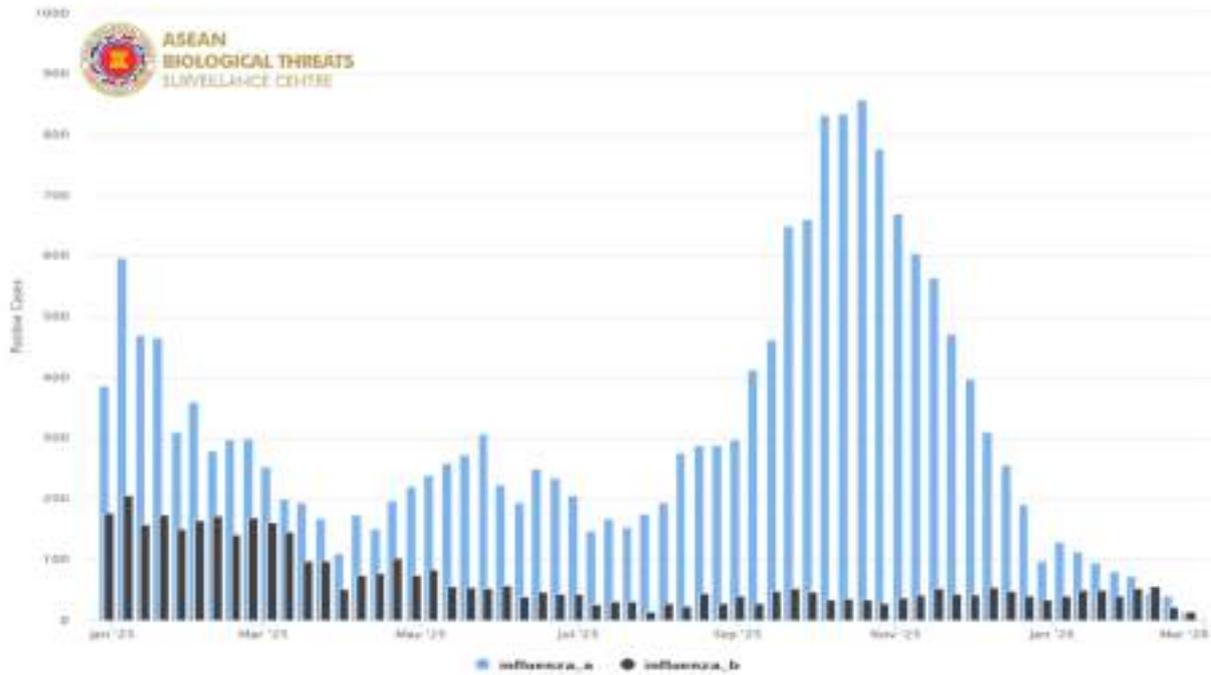
# INFLUENZA

## Key Findings

- Recently, most influenza cases among ASEAN Member States had decreased.
- Influenza-like illness (ILI) and severe acute respiratory infection (SARI) cases were decrease among some ASEAN Member States.

## Trends of Influenza Confirmed Cases in the ASEAN region

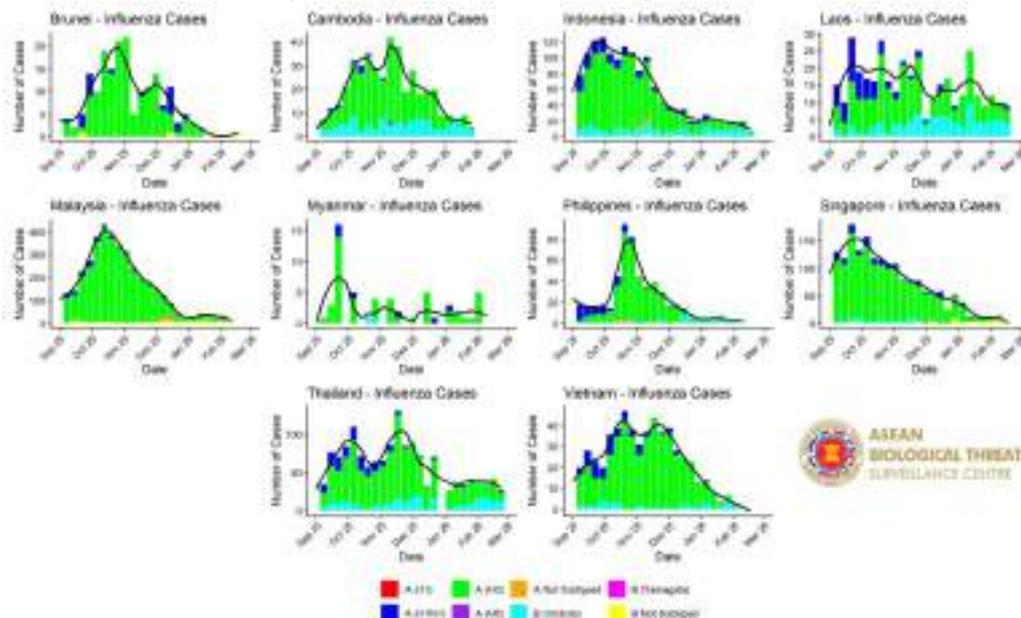
From January 1, 2025 to February 28, 2026



Source: WHO FluNet, accessed on March 3, 2026 (<https://www.who.int/tools/fluNet>)

## Trend of Influenza Cases among ASEAN Member States

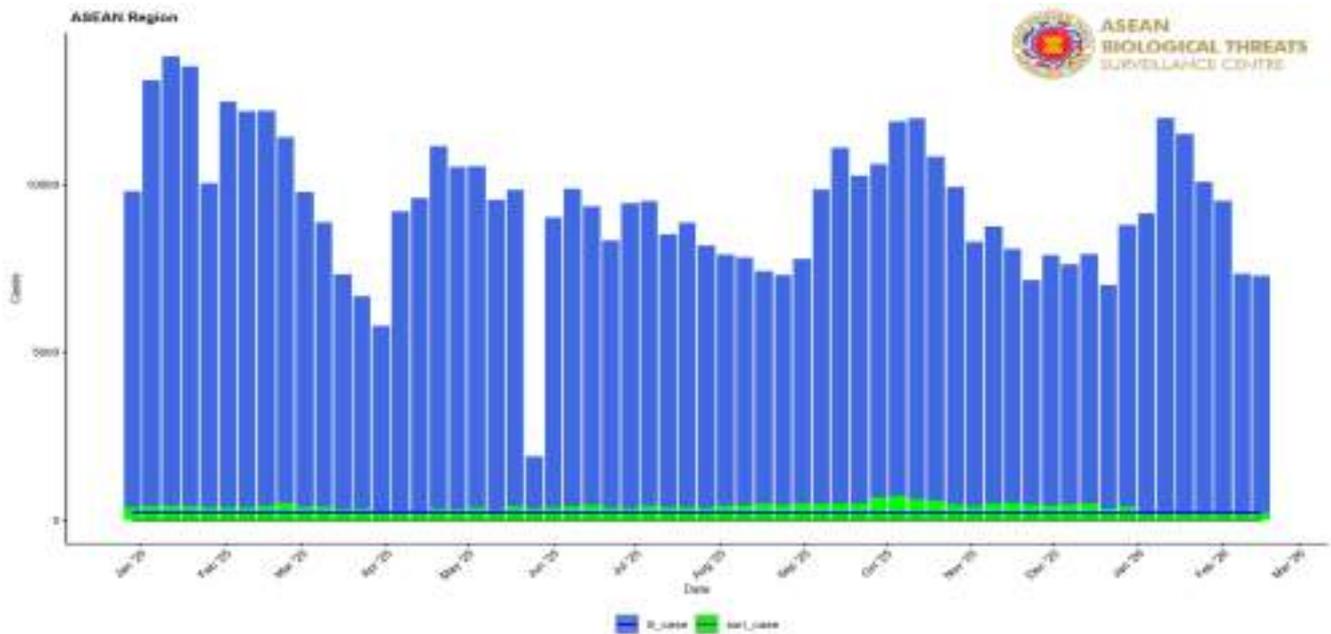
September 1, 2025 to February 28, 2026



Source: WHO FluNet, accessed on March 3, 2026 (<https://www.who.int/tools/fluNet>)

## Trend of Influenza-like Illness (ILI) and Severe Acute Respiratory Illness (SARI) in the ASEAN Region

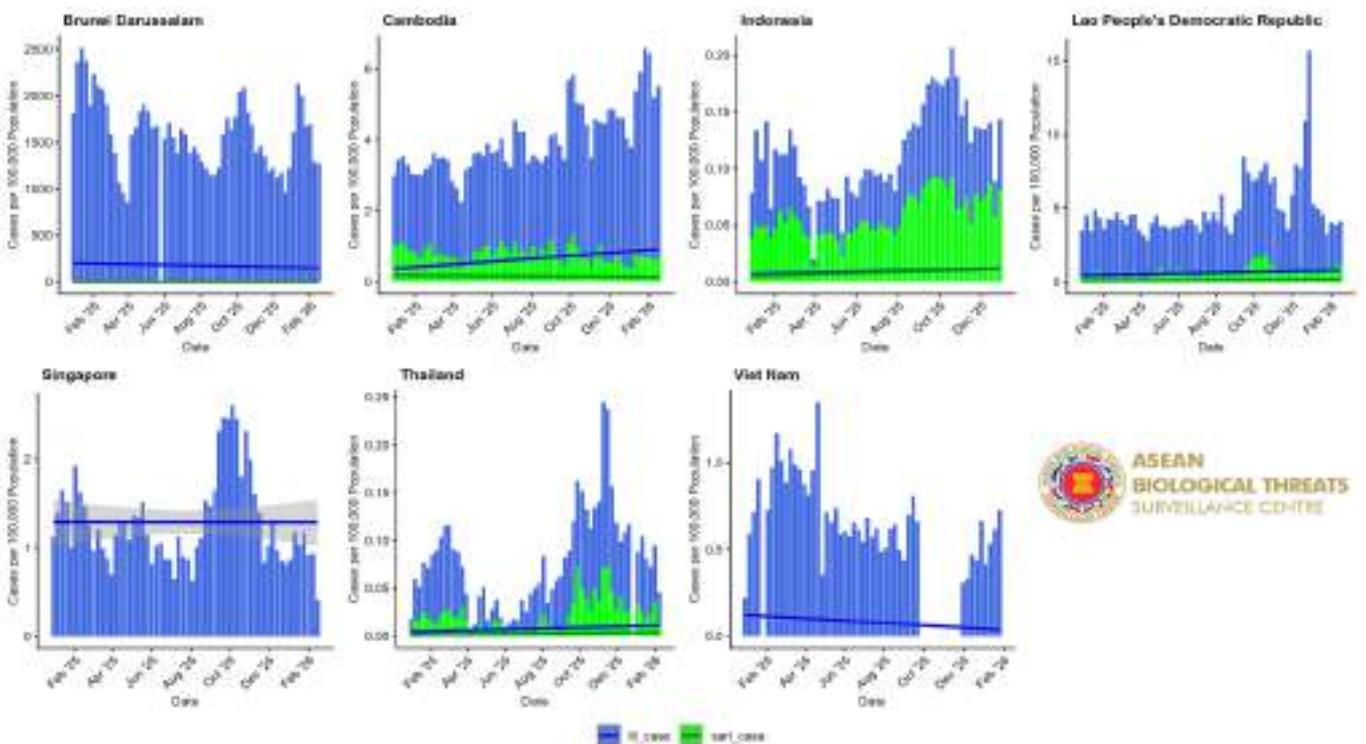
January 1, 2025 to February 28, 2026



Source: WHO FluID, accessed March 3, 2026 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-outputs>)

## Trend of Influenza-like Illness (ILI) and Severe Acute Respiratory Illness (SARI) among ASEAN Member States

January 1, 2025 to February 28, 2026



Source: WHO FluID, accessed March 3, 2026 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-outputs>)

# Zoonosis



# RABIES

## Key Findings

- The **ASEAN** region reported **one** new rabies case in Epi-week 8, 2026.
- The total number of rabies cases from January 1 to February 28, 2026 are **32** cases with **100%** CFR.



## Rabies cases in the ASEAN region

Country	Data as of	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
<b>Brunei Darussalam</b>					
<b>Cambodia</b>	-	-	-	-	-
<b>Indonesia<sup>1</sup></b>	February 21	17	-	17	100%
<b>Lao PDR</b>	-	-	-	-	-
<b>Malaysia<sup>2</sup></b>	-	-	-	-	-
<b>Myanmar<sup>3</sup></b>	February 28	15	1	15	100%
<b>Philippines</b>	-	-	-	-	-
<b>Singapore</b>					
<b>Thailand<sup>4</sup></b>	February 21	2	-	2	100%
<b>Timor-Leste</b>	-	-	-	-	-
<b>Viet Nam<sup>2</sup></b>	January 17	3	-	3	100%
<b>Total</b>		<b>37</b>	<b>1</b>	<b>37</b>	<b>100%</b>

Source:

1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed March 3, 2026 (<https://portal.bluedot.global/>)
3. Department of Public Health, Ministry of Health, Myanmar
4. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed March 3, 2026, ([https://dvis3.ddc.moph.go.th/t/DDC\\_CENTER\\_DOE/views/\\_Weekly/sheet13?%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=card\\_share\\_link](https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/_Weekly/sheet13?%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=card_share_link))

# Vector-Borne Diseases



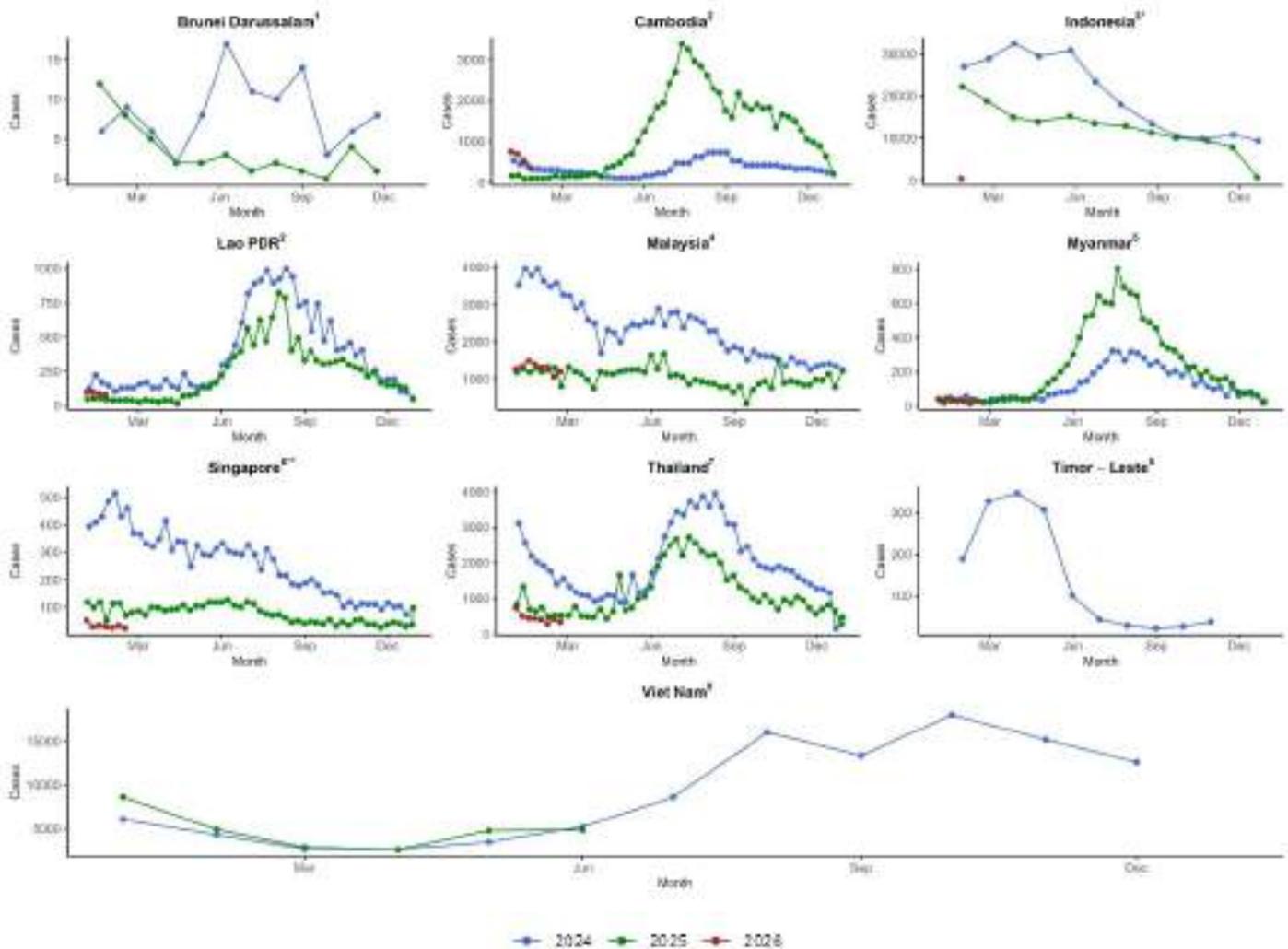
# DENGUE

## Key Findings

- The **ASEAN** region reported **1,592** new dengue cases in Epi-week 8, 2026.
- The total number of dengue cases from January 1 to February 28, 2026 are **19,807** cases and **25** deaths with **0.13% CFR**.

## Trend of Dengue cases in the ASEAN region, 2024 – 2026

Below are trend of dengue cases among ASEAN Member States since January 1, 2024 up to February 28, 2026.



Source:

1. Ministry of Health, Brunei Darussalam
2. WHO WPRO, "Dengue," World Health Organization, accessed March 3, 2026 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
3. Ministry of Health, Republic of Indonesia
4. Portal Rasmi iDengue untuk Komuniti, accessed March 3, 2026 (<https://idengue.mysa.gov.my/>)
5. Department of Public Health, Ministry of Health, Myanmar
6. Ministry of Health. "Weekly Infectious Disease Bulletin", accessed March 3, 2026 . (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2025/weekly-infectious-diseases-bulletin>)
7. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed March 3, 2026 , ([https://dvis3.ddc.moph.go.th/t/DDC\\_CENTER\\_DOE/views/Weekly/sheet13?%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=card\\_share\\_link](https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/Weekly/sheet13?%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=card_share_link))
8. WHO Global Dengue Surveillance, accessed March 2, 2026 ([https://worldhealthorg.shinyapps.io/dengue\\_global/](https://worldhealthorg.shinyapps.io/dengue_global/))
9. London School of Hygiene and Tropical Medicine. "OpenDengue Database", accessed March 3, 2026 (<https://opendengue.org/data.html>)

- Data were updated and collected from official sources, which may have a 2-8 weeks delay in reporting. Data must be interpreted cautiously.

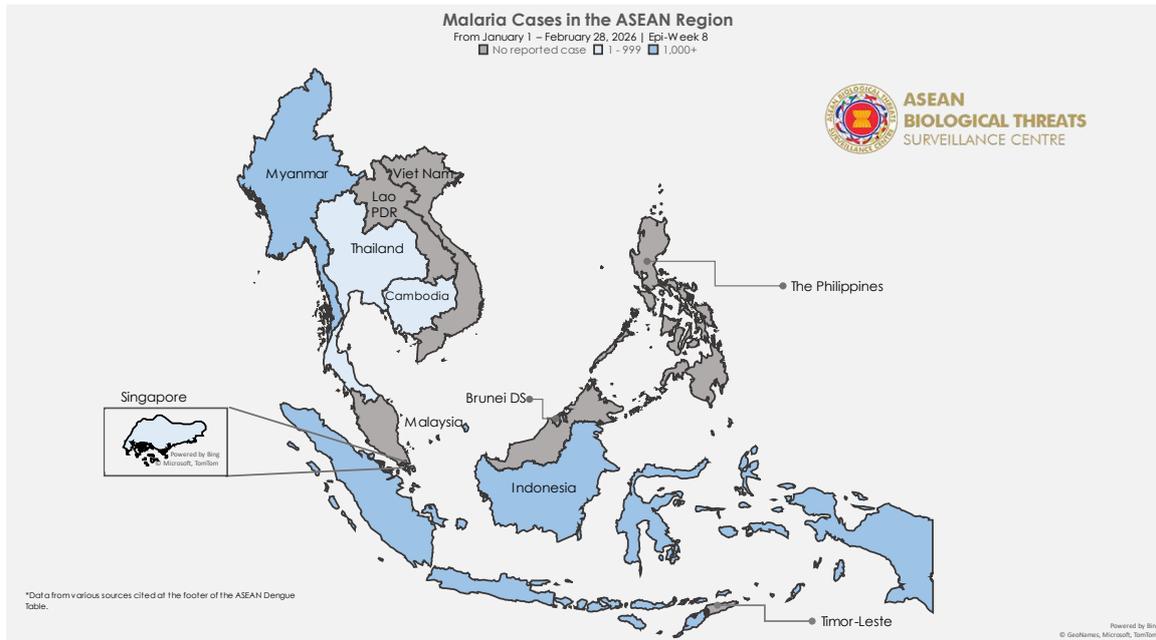
\*Notified dengue cases only includes severe cases Dengue Hemorrhagic fever (DHF) and Dengue Shock Syndrome (DSS)

\*\*Notified dengue cases only includes Dengue Fever (DF) and DHF

# MALARIA

## Key Findings

- The **ASEAN** region reported **12,545** new malaria cases in Epi-week 8, 2026.
- The total number of malaria cases from January 1 to February 28, 2026 are **69,825** cases and **113** deaths with **0.16%** CFR.

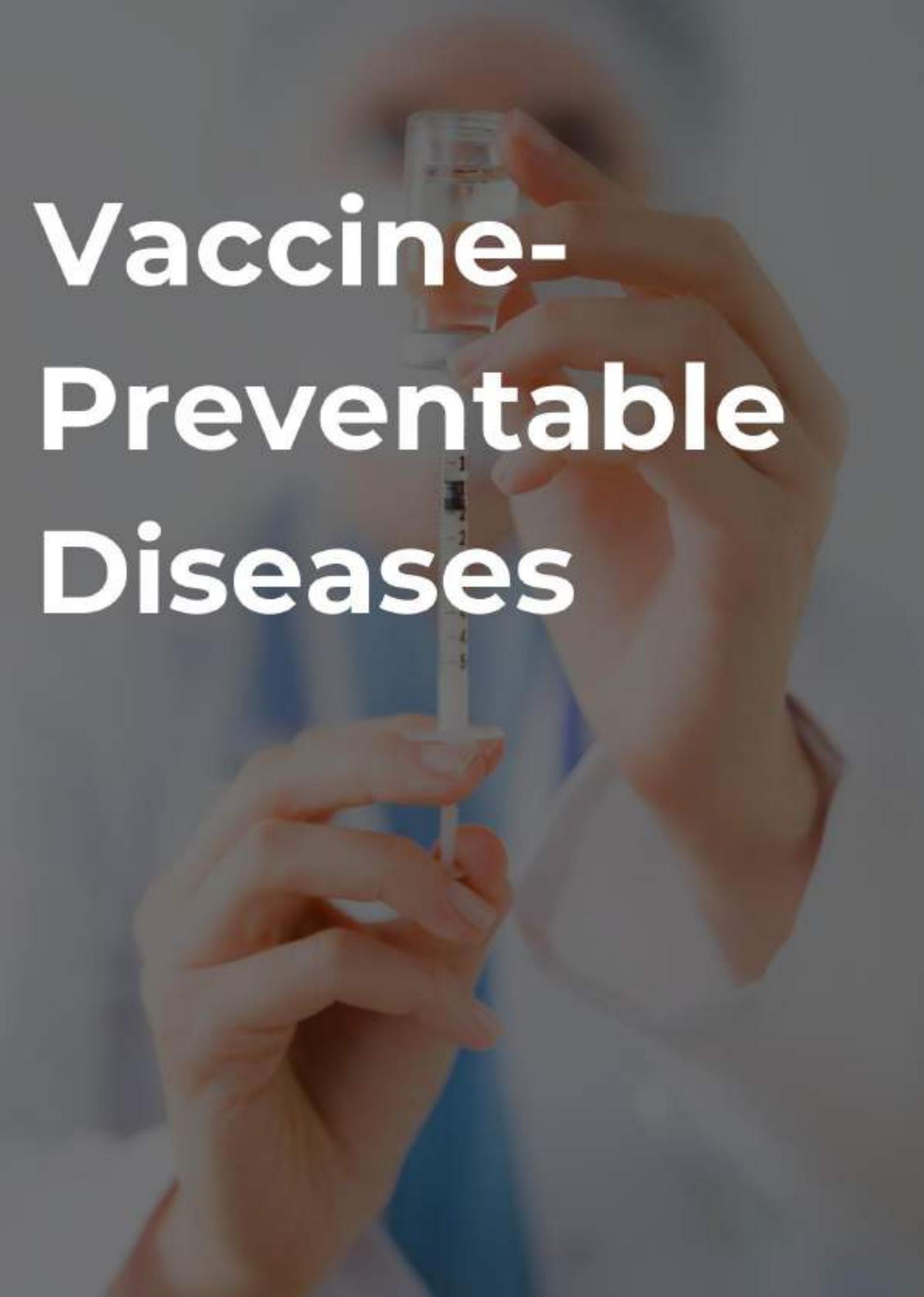


## Malaria cases in the ASEAN region

Country	Data as of	Cumulative Cases	New Cases Since Last Week	Cumulative Deaths	CFR
<b>Brunei Darussalam</b>	-	-	-	-	-
<b>Cambodia</b> <sup>1</sup>	February 28	1	0	0	0.00%
<b>Indonesia</b> <sup>2</sup>	February 28	63,379	12,493	113	0.16%
<b>Lao PDR</b>	-	-	-	-	-
<b>Malaysia</b>	-	-	-	-	-
<b>Myanmar</b> <sup>3</sup>	January 31	4,172	4,172	-	0.00%
<b>Philippines</b>	-	-	-	-	-
<b>Singapore</b> <sup>4</sup>	February 21	4	0	0	0.00%
<b>Thailand</b> <sup>5</sup>	February 21	441	52	0	0.00%
<b>Timor-Leste</b>	-	-	-	-	-
<b>Viet Nam</b>	-	-	-	-	-
<b>Total</b>		<b>73,997</b>	<b>16,717</b>	<b>113</b>	<b>0.15%</b>

Source:

1. Cambodia National Malaria Center, accessed March 3, 2026 (<https://mis.cnm.gov.kh/Dashboard>)
2. Malaria Cases in Indonesia, accessed March 3, 2026 (<https://malaria.kemkes.go.id/case>)
3. Department of Public Health, Ministry of Health, Myanmar
4. Ministry of Health Singapore, accessed March 3, 2026 (<https://www.moh.gov.sg/others/resources-and-statistics/infectious-disease-statistics-2025-weekly-infectious-diseases-bulletin>)
5. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed March 3, 2026 ([https://dvis3.ddc.moph.go.th/t/DDC\\_CENTER\\_DOE/views/Weekly/sheet137%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=card\\_share\\_link](https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/Weekly/sheet137%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=card_share_link))

A close-up photograph of a person wearing a white lab coat, using a syringe to draw liquid from a small glass vial. The person's hands are visible, and the background is a soft, out-of-focus light blue. The text "Vaccine-Preventable Diseases" is overlaid in large, white, bold font on the left side of the image.

# Vaccine- Preventable Diseases

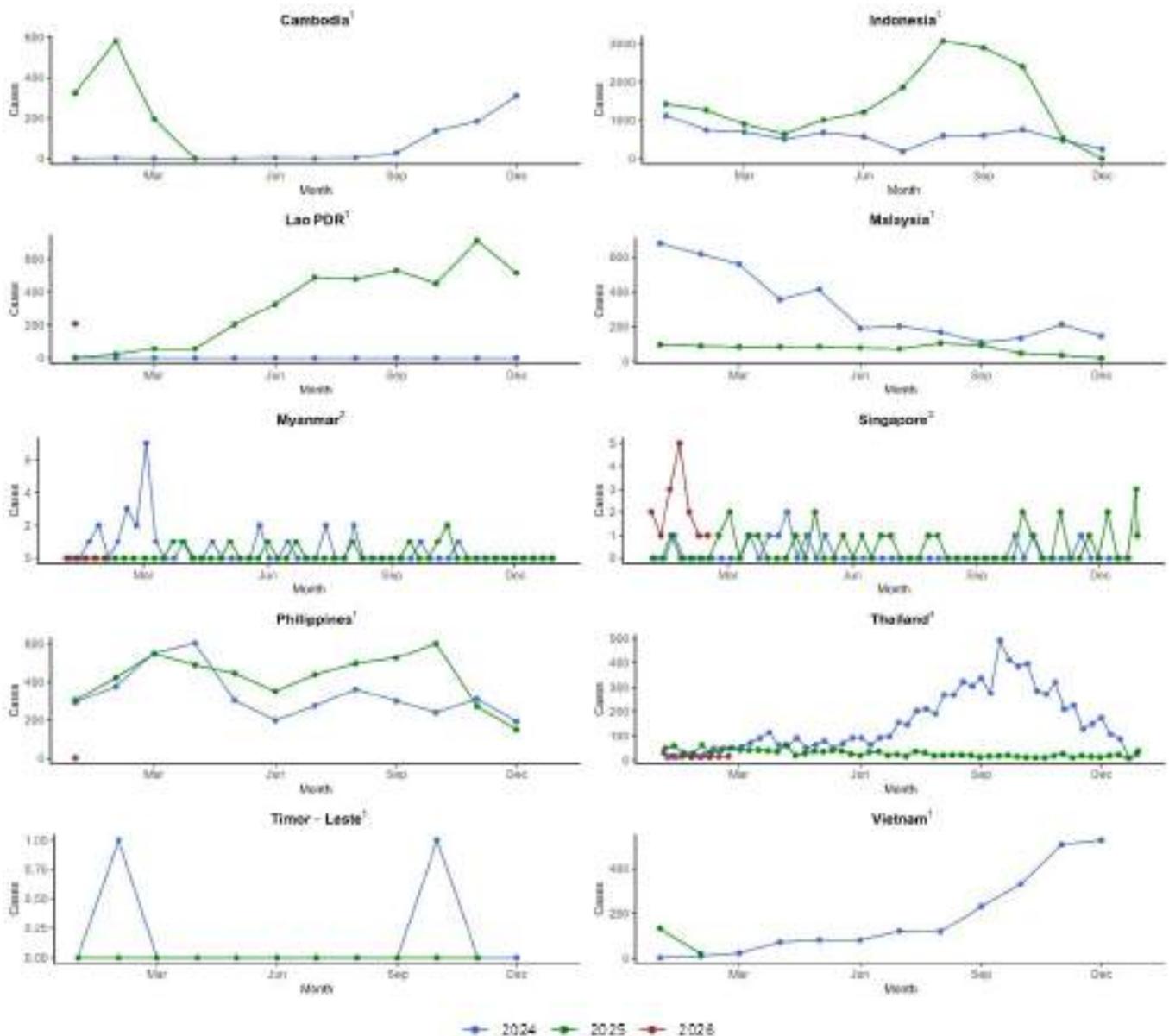
# MEASLES

## Key Findings

- The **ASEAN** region reported **17** new measles cases in Epi-week 8, 2026.
- The total number of measles cases from January 1 to February 28, 2026 are **360** cases with **0%** CFR.

## Trend of Measles cases in the ASEAN region, 2024 – 2026

Below are trend of measles cases among ASEAN Member States since January 1, 2024 up to February 28, 2026.



Source:

1. Provisional Measles and Rubella Data, World Health Organization, accessed March 3, 2026 (<https://immunizationdata.who.int/global?topic=Provisional-measles-and-rubella-data&location=>)Provisional Measles and Rubella Data, World Health Organization, accessed March 3, 2026 (<https://immunizationdata.who.int/global?topic=Provisional-measles-and-rubella-data&location=>)
2. Department of Public Health, Ministry of Health, Myanmar
3. Ministry of Health Singapore, accessed March 3, 2026 (<https://www.moh.gov.sg/others/resources-and-statistics/infectious-disease-statistics-2025-weekly-infectious-diseases-bulletin>)
4. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed March 3, 2026 ([https://dvis3.ddc.moph.go.th/DDC\\_CENTER\\_DOE/views/ Weekly/sheet13?%3Aembed=v&%3AisGuestRedirectFromVizportal=v&%3Aorigin=card\\_share\\_linkureau](https://dvis3.ddc.moph.go.th/DDC_CENTER_DOE/views/Weekly/sheet13?%3Aembed=v&%3AisGuestRedirectFromVizportal=v&%3Aorigin=card_share_linkureau))



**ASEAN  
BIOLOGICAL THREATS  
SURVEILLANCE CENTRE**

Support generated by  
**ASEAN BIOLOGICAL THREATS SURVEILLANCE CENTRE**

Email: [support@biothreats.org](mailto:support@biothreats.org)

Facebook: [abtc\\_official](#)

Instagram: [abtc\\_official](#)