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# 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**



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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. For feedback and/or suggestions, please write to [support@biodiaspora.org](mailto:support@biodiaspora.org)

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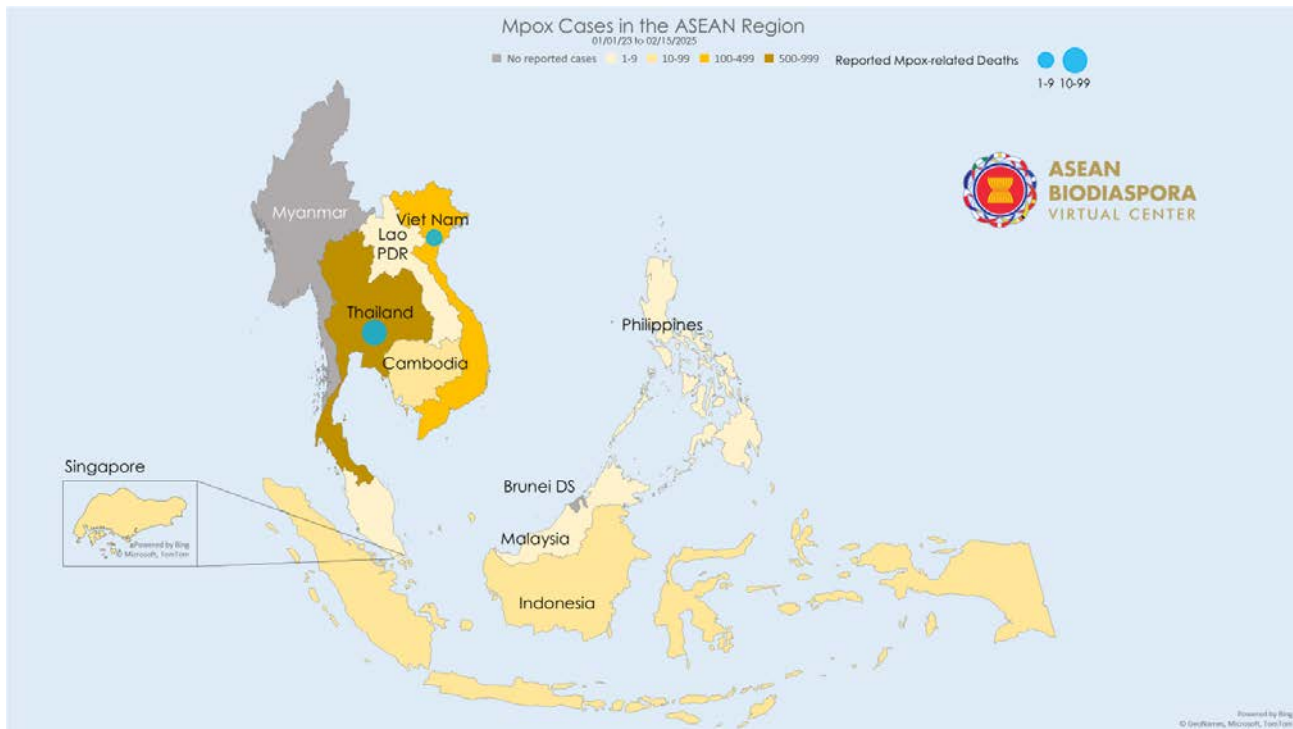
A person wearing a full-body white protective suit, including a hood and a face mask with a filter. They are wearing safety glasses and holding a black cylindrical object, possibly a sample container or a piece of equipment. The background is a blurred laboratory or clinical setting.

# Emerging Diseases

# MPOX

## Mpox Cases Reported in the ASEAN Region

January 1, 2023 – February 15, 2025



Source:

1. Ministry of Health Republic of Indonesia
2. Ministry of Health Singapore, accessed February 18, 2025, <https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>

### Key Findings

- From 1 January 2023 to 15 February 2025, **39,237** confirmed cases worldwide since 2023, including **218** deaths. Globally, the CFR was **0.56 %**.
- **1,290 confirmed cases** including **20 deaths** in the **ASEAN** region, with a CFR of **1.55%**.
- **37,947 confirmed cases** of mpox have been reported in **other regions** (other than the **ASEAN** region):

### Mpox cases in the ASEAN region (Jan. 1, 2023 to Feb. 15, 2025)

ASEAN Member States	Cumulative Cases 2023-2025	New Cases Since Previous Report	Cumulative Deaths 2023-2024	CFR
<b>Cambodia</b> <sup>1</sup>	20	0	0	0.00%
<b>Indonesia</b> <sup>2</sup>	87	0	0	0.00%
<b>Lao PDR</b> <sup>3</sup>	1	0	0	0.00%
<b>Malaysia</b> <sup>3</sup>	12	0	0	0.00%
<b>Philippines</b> <sup>3</sup>	59	0	1	1.69%
<b>Singapore</b> <sup>4</sup>	51	0	0	0.00%
<b>Thailand</b> <sup>3</sup>	853	0	10	1.17%
<b>Vietnam</b> <sup>3</sup>	207	0	9	4.35%
<b>ASEAN Total</b>	<b>1,290</b>	<b>0</b>	<b>20</b>	<b>1.55%</b>

Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia
3. WHO Mpox Outbreak: Global Trends, accessed February 18, 2025 ([https://worldhealthorg.shinyapps.io/mpx\\_global/](https://worldhealthorg.shinyapps.io/mpx_global/))
4. Ministry of Health Singapore, accessed February 18, 2025 (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)



## Top 5 countries with the most mpox cases globally (Jan. 1, 2023 to Feb. 15, 2025)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
<b>Democratic Republic of Congo</b>	12,265	0	45	0.37%
<b>United States of America</b>	4,398	0	10	0.23%
<b>People's Republic of China</b>	3,116	0	1	0.03%
<b>Burundi</b>	2807	0	1	0.04%
<b>Brazil</b>	2772	0	2	0.07%

Source: Our World in Data, accessed on February 18, 2025 (<https://ourworldindata.org/monkeypox>)

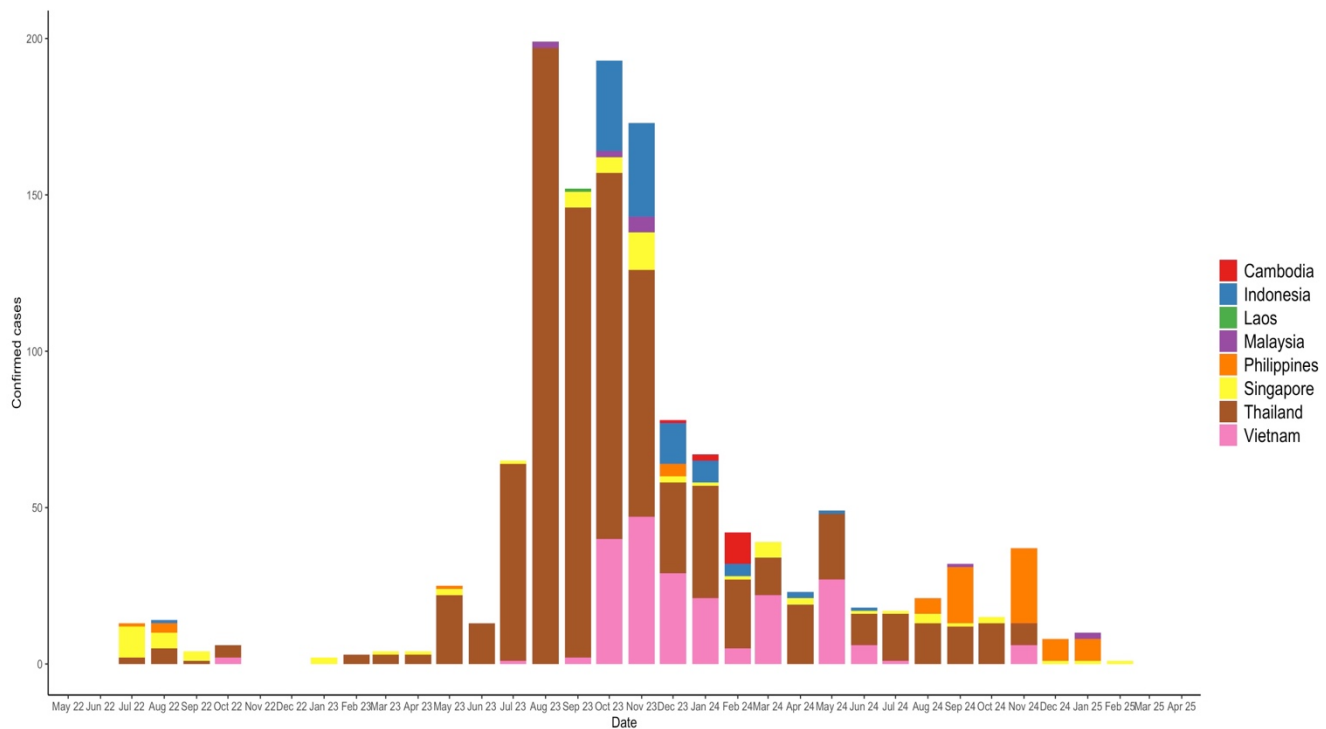
## Mpox cases per region (Jan. 1, 2023 to Feb. 15, 2025)

REGIONS	CUMULATIVE CASES 2023-2025	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
<b>AFRICA</b>	18,344	0	71	0.39%
<b>AMERICAS</b>	9,599	0	99	1.03%
<b>ASEAN</b>	1,290	0	20	1.55%
<b>ASIA &amp; OCEANIA</b>	6,899	0	24	0.35%
<b>EUROPE</b>	3,105	0	4	0.13%
<b>TOTAL</b>	<b>39,237</b>	<b>0</b>	<b>218</b>	<b>0.56%</b>

Source: Our World in Data, accessed on February 18, 2025 (<https://ourworldindata.org/monkeypox>)

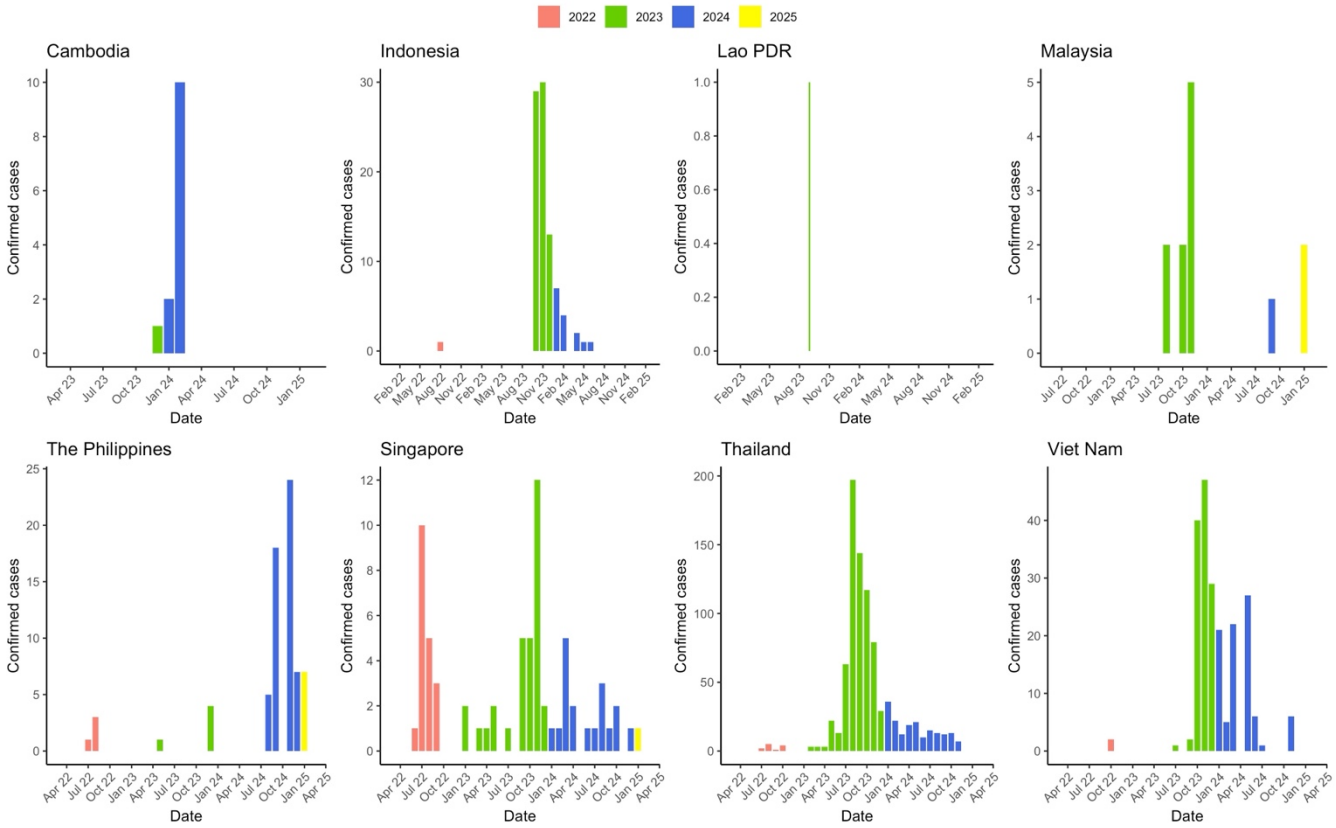
## Trend of Mpox Confirmed Cases in the ASEAN Region

January 1, 2022 to February 15, 2025



Source: Our World in Data, accessed on February 18, 2025 (<https://ourworldindata.org/monkeypox>)

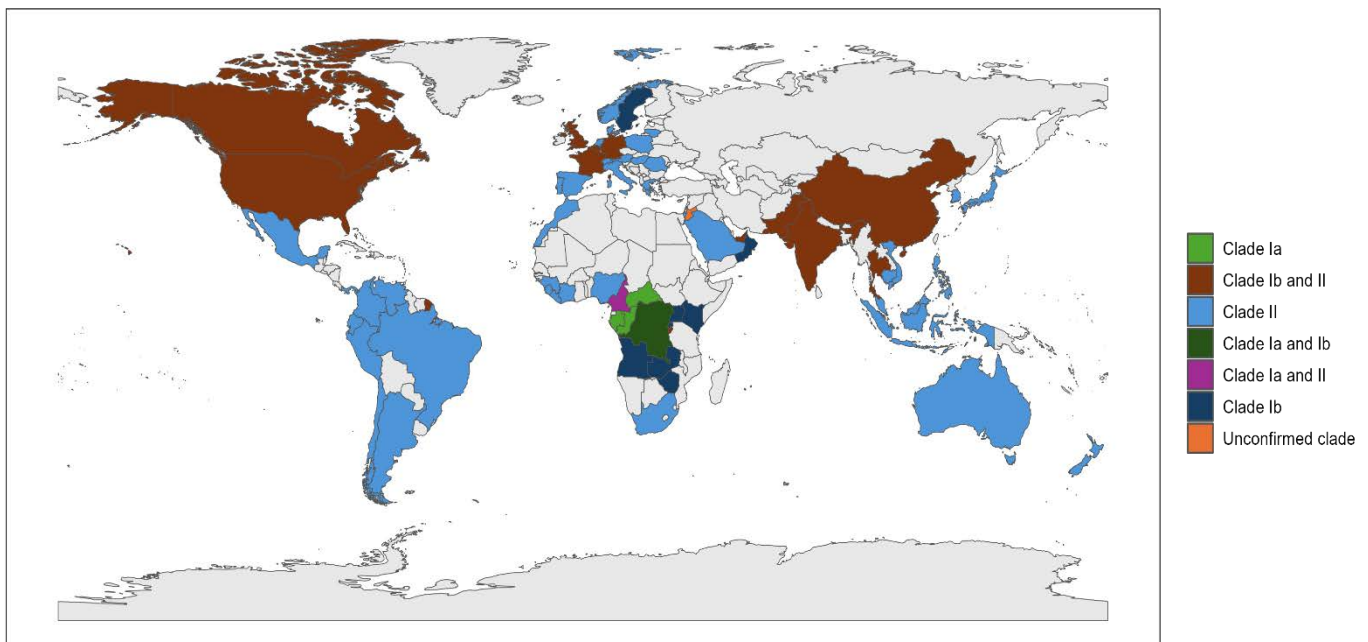
## Trend of Mpox Confirmed Cases among ASEAN Member States January 1, 2022 to February 15, 2025



Source: Our World in Data, accessed on February 18, 2025 (<https://ourworldindata.org/monkeypox>)

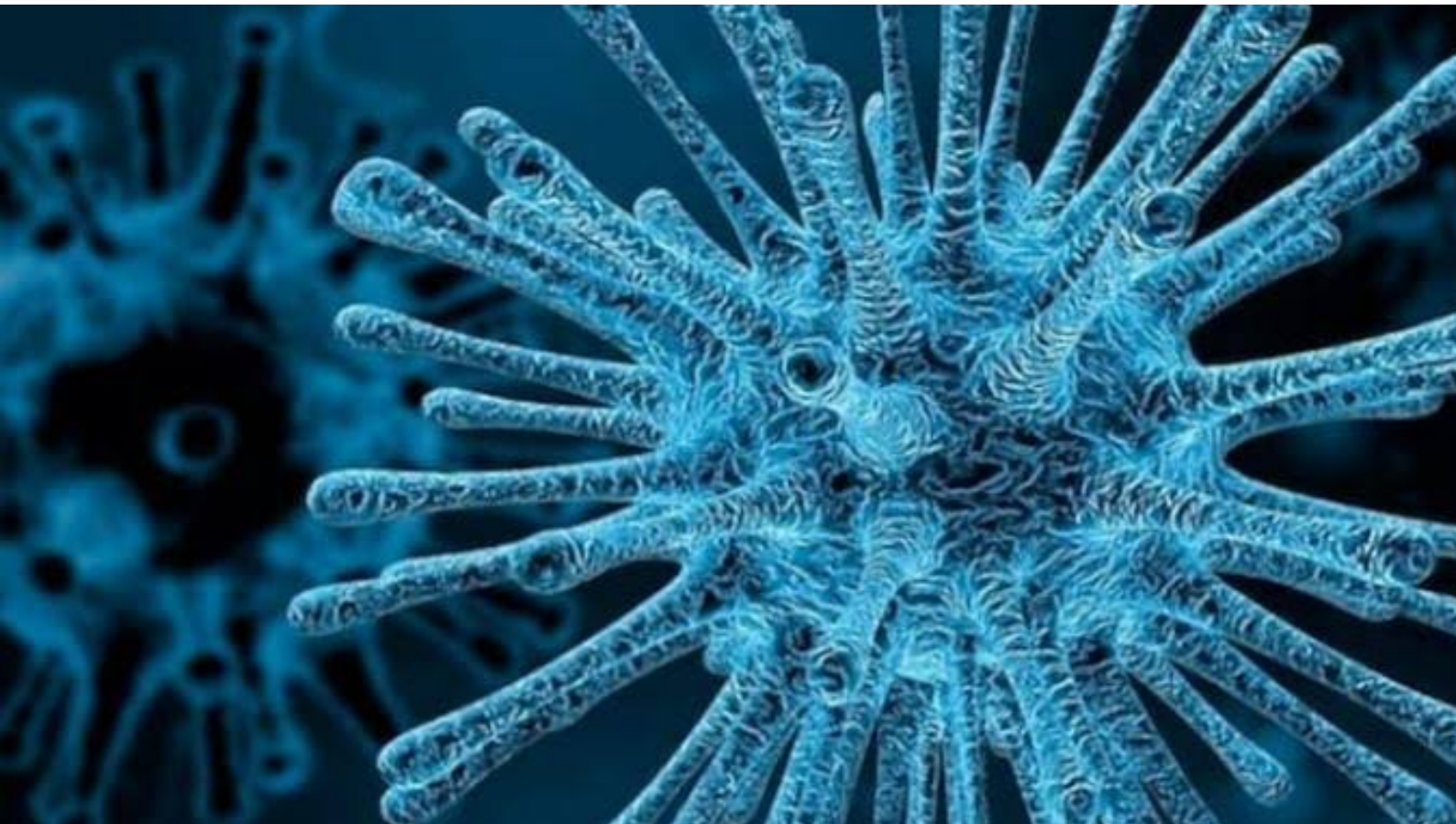
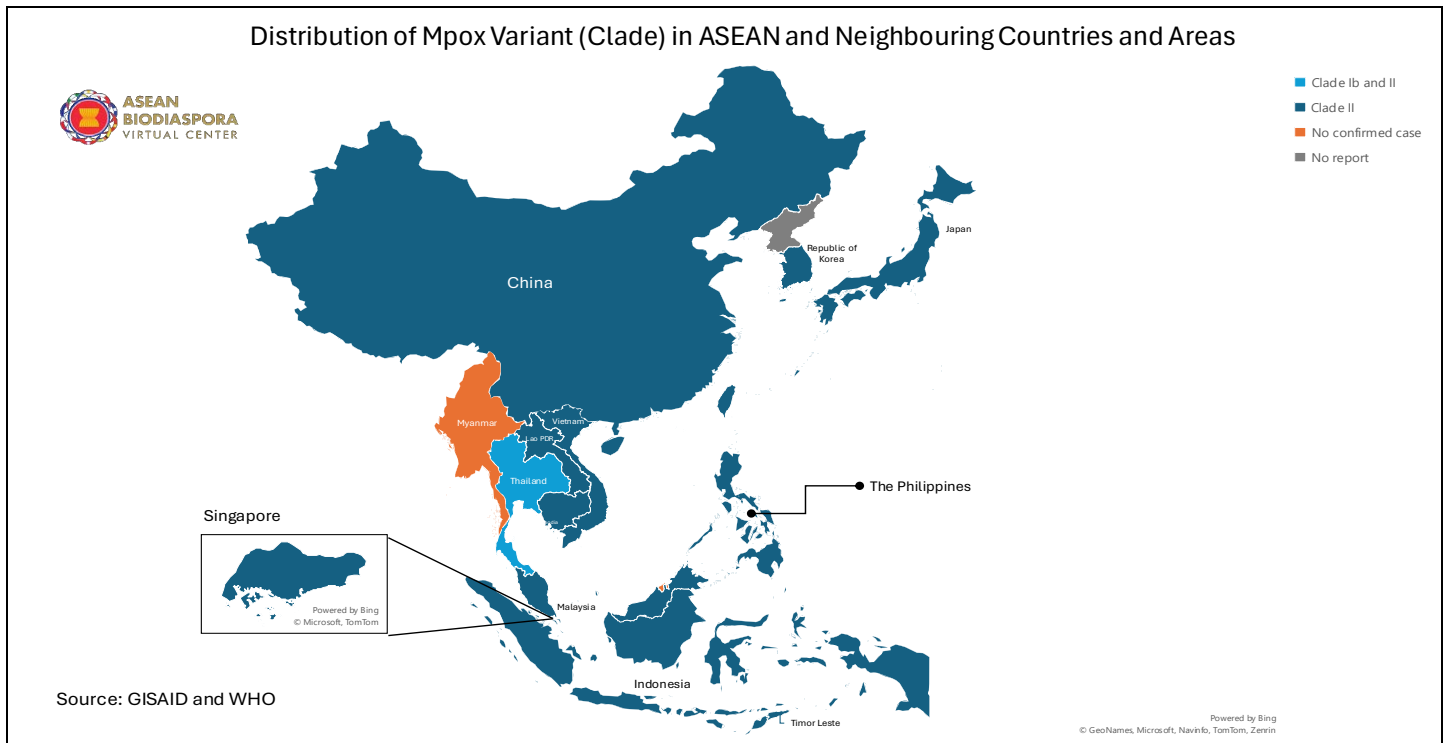
## Distribution of Mpox Variants in The Global As of February 15, 2025

### Distribution of Mpox Variant (Clade) in The Global





## Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas As of February 15, 2025





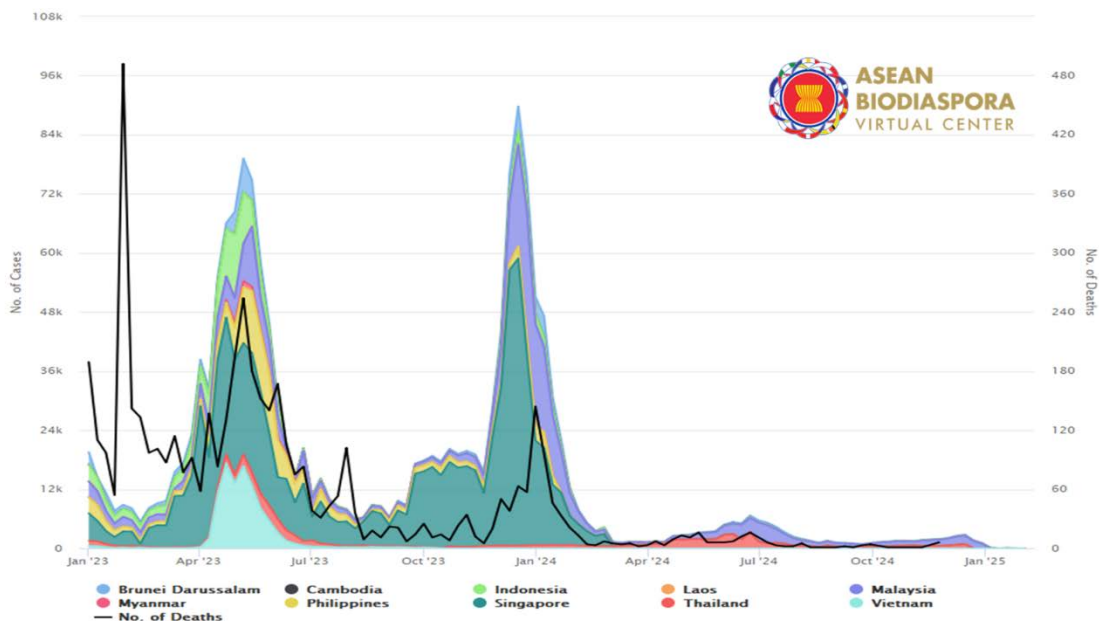
# COVID-19

## Key Findings

- As of 15 February 2025 (5PM, GMT+7), there were **704,868,955** confirmed cases **worldwide**, including **7,010,832 deaths**. Globally, Case Fatality Rate (CFR) was **1.00%**.
- **37,113,367 total confirmed cases** of COVID-19 have been reported in the **ASEAN Region**.
- The CFR in the **ASEAN Region** was **1.00%**.

## ASEAN Weekly COVID-19 Cases and Deaths

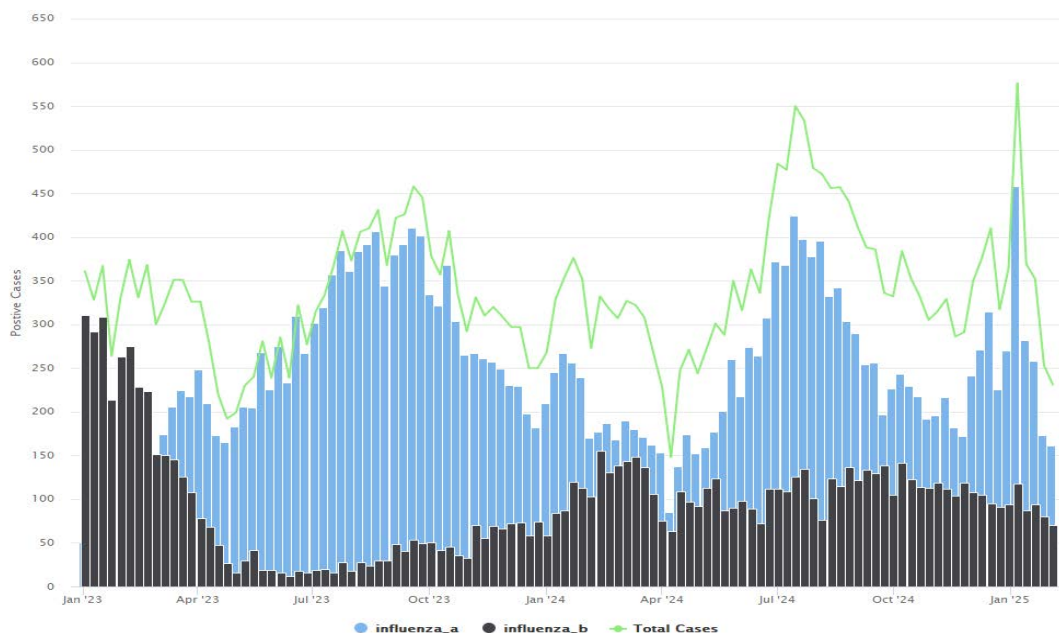
From January 1, 2023 to February 15, 2025



Source: [Singapore Government and the WHO](#), accessed on February 18, 2025

## Trends of Influenza Confirmed Cases in the ASEAN region

From January 1, 2023 to February 15, 2025

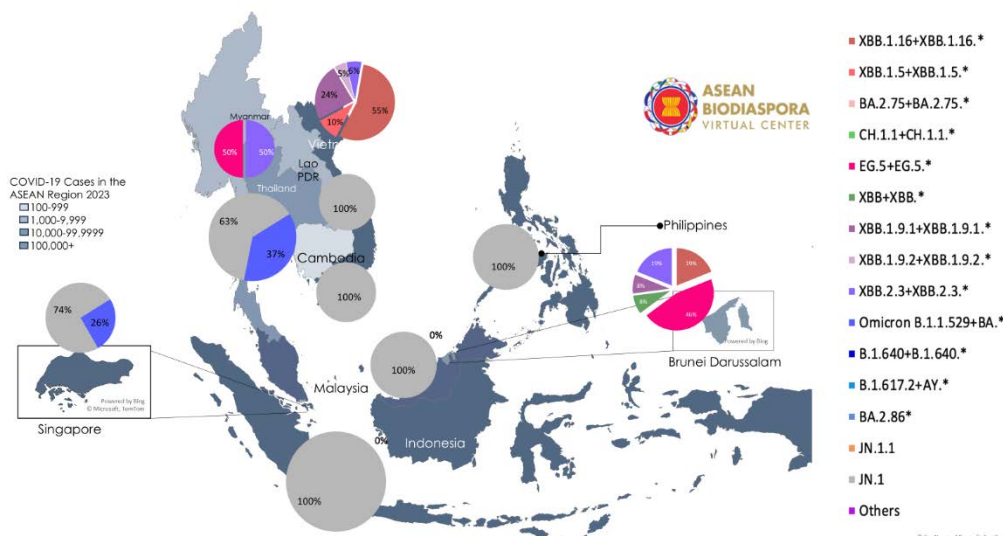


Source: FluNet, accessed on February 18, 2025 (<https://www.who.int/tools/fluinet>)



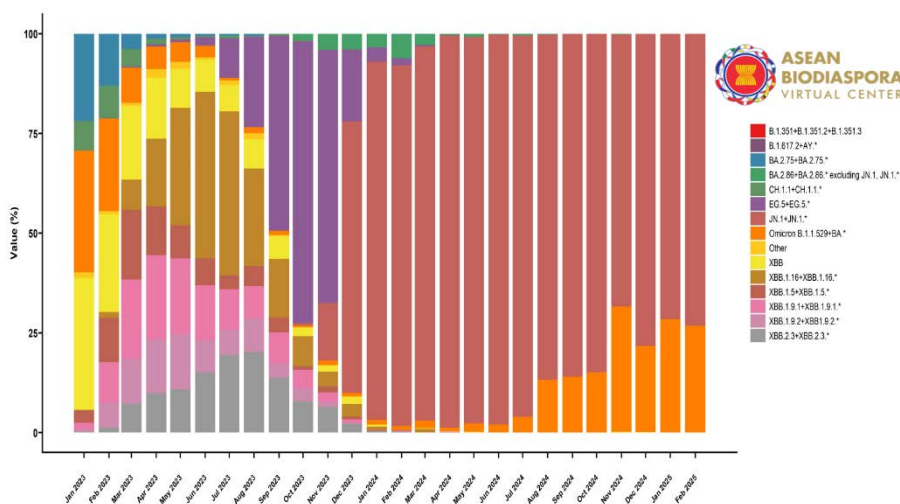


## COVID-19 Variants Frequencies Among the ASEAN Member States In February 2025



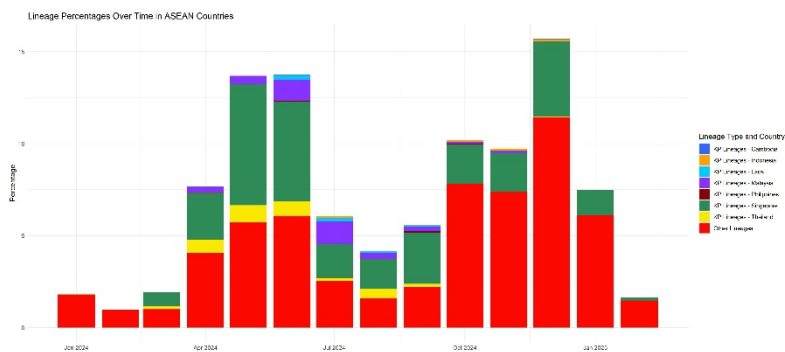
Source: GISAID. "hCoV-19 Variants Dashboard," accessed February 18, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

## COVID-19 Variants Frequencies in the ASEAN Region From January 2023 to February 2025



Source: GISAID. "hCoV-19 Variants Dashboard," accessed February 18, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

## COVID-19 "KP" Sub-Variant detected in the ASEAN region From January 2024 to February 2025



Source: GISAID. "hCoV-19 Variants Dashboard," accessed on February 18, 2025 (<https://gisaid.org/hcov-19-variants-dashboard/>)

# Zoonosis





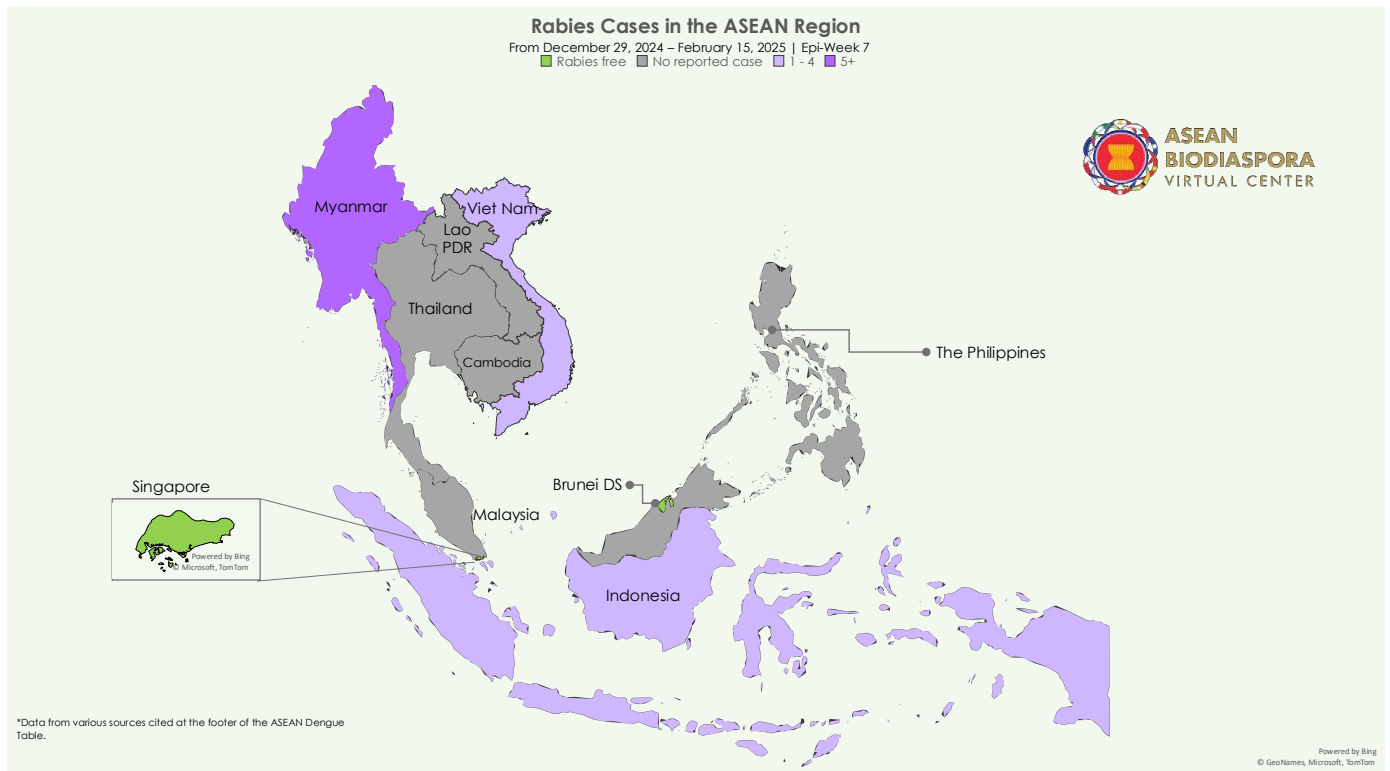
# RABIES

## Rabies Cases in the ASEAN Region

From December 29, 2024 to February 15, 2025 (Epi-Week 7, 2025)

### Key Findings

- The **ASEAN** region reported **one** new rabies cases in Epiweek 7, 2025.
- Up to February 15, 2025, the region reported **16** total cases with **100%** CFR.



### Rabies cases in the ASEAN region

Country	Cumulative Cases in 2024	Cumulative Cases in 2025	New Cases Since Previous Report	Cumulative Deaths	CFR
<b>Brunei Darussalam</b>			<b>Rabies-free country</b>		
<b>Cambodia</b>	-	-	-	-	-
<b>Indonesia<sup>1</sup></b>	102	4	-	4	100%
<b>Lao PDR</b>	-	-	-	-	-
<b>Malaysia<sup>2</sup></b>	79	-	-	-	-
<b>Myanmar<sup>3</sup></b>	79	8	-	8	100%
<b>Philippines<sup>2</sup></b>	354	-	-	-	-
<b>Singapore</b>			<b>Rabies-free country</b>		
<b>Thailand<sup>4</sup></b>	5	-	-	-	-
<b>Viet Nam<sup>2</sup></b>	80	4	1	4	100%
<b>Total</b>	<b>696</b>	<b>16</b>	<b>1</b>	<b>16</b>	<b>100%</b>

Source:

1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed February 11, 2025 (<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 February 11, 2025

# Vector-Borne Diseases





# DENGUE

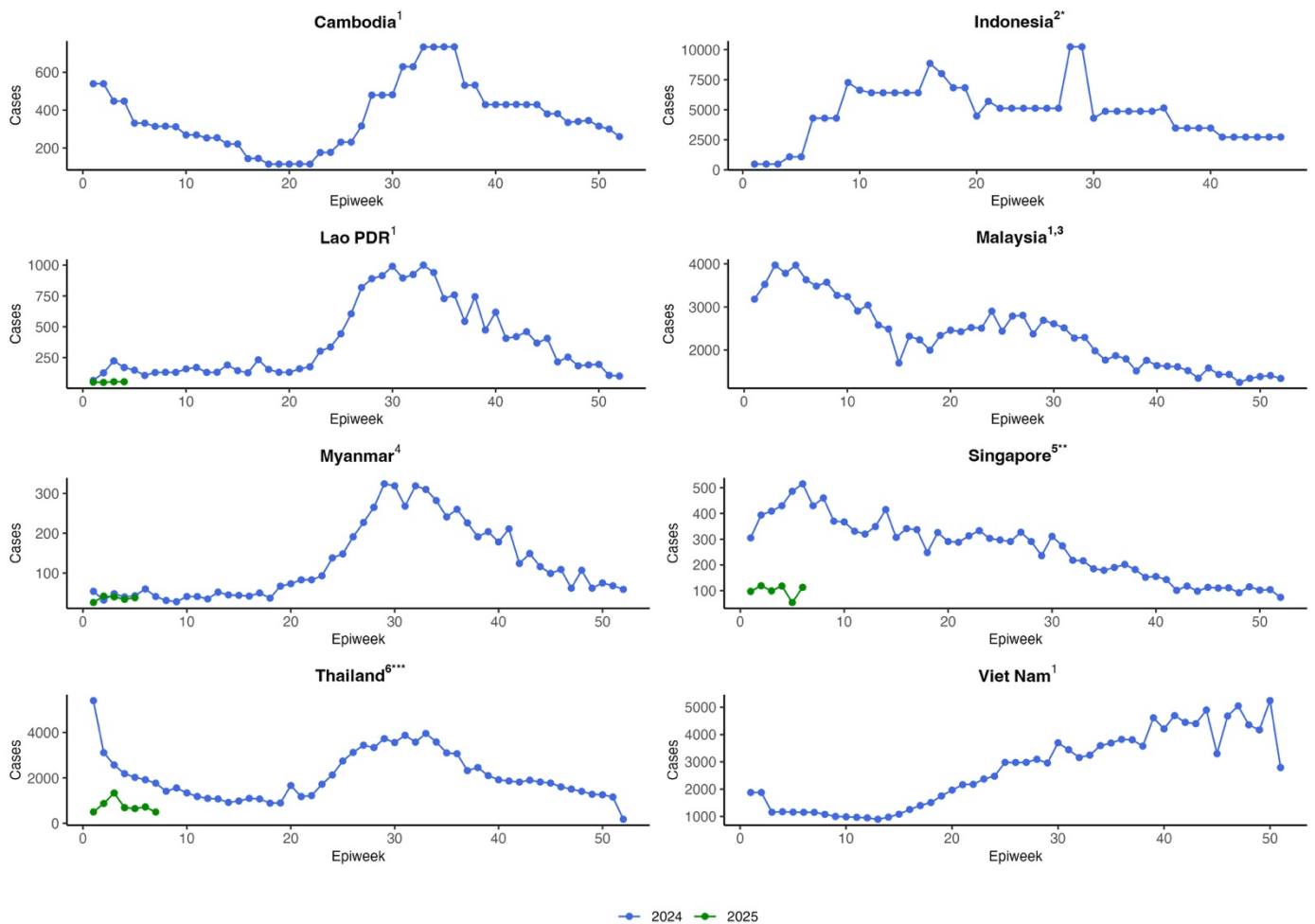
## Dengue Cases in the ASEAN Region

From December 29, 2024 to February 15, 2025 (Epi-Week 7, 2025)

### Key Findings

- The **ASEAN** region reported **1,857** new dengue cases in Epiweek 7, 2025.
- Up to February 15, 2025, the region reported **14,822** total cases and **11** total deaths with **0.07%** CFR.
- Most dengue trends in AMS showing peak in the middle of year 2024 (around epiweek 30) and keep decreasing until last 2024. However, Singapore showing decreasing trend since early 2024. Meanwhile, Viet Nam showing increasing trend of dengue cases since early 2024.

### Trend of Dengue cases in the ASEAN region, 2024 - 2025



Source:

1. WHO WPRO, "Dengue," World Health Organization, accessed February 18, 2025 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
2. Ministry of Health, Republic of Indonesia
3. Senarai Kenyataan Akhbar Demam Denggi dan Chikungunya, Kementerian Kesihatan Malaysia, accessed February 18, 2025([https://www.moh.gov.my/index.php/database\\_stores/store\\_view/17](https://www.moh.gov.my/index.php/database_stores/store_view/17))
4. Department of Public Health, Ministry of Health, Myanmar
5. Ministry of Health. "Weekly Infectious Disease Bulletin", accessed February 18, 2025. (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2025/weekly-infectious-diseases-bulletin>)
6. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed February 18, 2025, ([https://dvis3.ddc.moph.go.th/DDC\\_CENTER\\_DOE/Views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y](https://dvis3.ddc.moph.go.th/DDC_CENTER_DOE/Views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y))

- 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

\*\*\*Notified dengue cases include all type of cases DF, DHF, and DSS

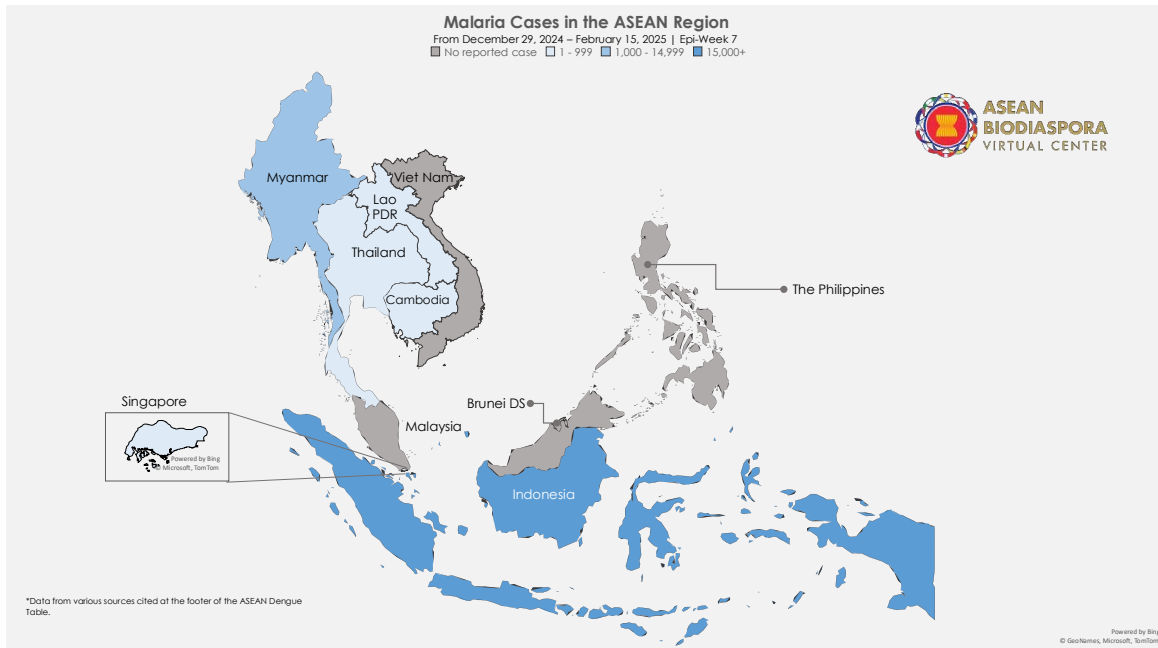
# MALARIA

## Malaria Cases in the ASEAN Region

From December 29, 2024 to February 15, 2025 (Epi-Week 7, 2025)

### Key Findings

- The **ASEAN** region reported **9,059** new malaria cases in Epiweek 7, 2025.
- Up to February 15, 2025, the region reported **57,709** total cases and **11** total deaths with **0.02%** CFR.



### Malaria cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Cases	New Cases Since Last Week	Cumulative Deaths	CFR
<b>Brunei Darussalam</b>	-	-	-	-	-
<b>Cambodia<sup>1</sup></b>	Week 7	146	0	0	0.00%
<b>Indonesia<sup>2</sup></b>	Week 7	46,151	8,984	11	0.02%
<b>Lao PDR<sup>3</sup></b>	Week 7	351	50	0	0.00%
<b>Malaysia</b>	-	-	-	-	-
<b>Myanmar<sup>4</sup></b>	Week 5	10,822	-	0	0.00%
<b>Philippines</b>	-	-	-	-	-
<b>Singapore<sup>5</sup></b>	Week 6	6	0	0	0.00%
<b>Thailand<sup>6</sup></b>	Week 7	233	25	0	0.00%
<b>Viet Nam</b>	-	-	-	-	-
<b>Total</b>		<b>57,709</b>	<b>9,059</b>	<b>11</b>	<b>0.02%</b>

Source:

1. Cambodia National Malaria Center, accessed February 18, 2025 (<https://mis.cnm.gov.kh/Dashboard>)
2. Malaria Cases in Indonesia, accessed February 18, 2025 (<https://malaria.kemkes.go.id/case>)
3. Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed February 18, 2025 (<https://www.facebook.com/CCEH.MoH.Lao/>)
4. Department of Public Health, Ministry of Health, Myanmar
5. Ministry of Health Singapore, accessed February 18, 2025 (<https://www.moh.gov.sg/others/resources-and-statistics/infectious-disease-statistics-2025-weekly-infectious-diseases-bulletin>)
6. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed February 18, 2025 ([https://dvis3.ddc.moph.go.th/DDC\\_CENTER\\_DOE/views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y](https://dvis3.ddc.moph.go.th/DDC_CENTER_DOE/views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y))



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 blue and white. The text "Vaccine-Preventable Diseases" is overlaid in large, white, bold letters on the left side of the image.

# Vaccine- Preventable Diseases







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