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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



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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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## 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

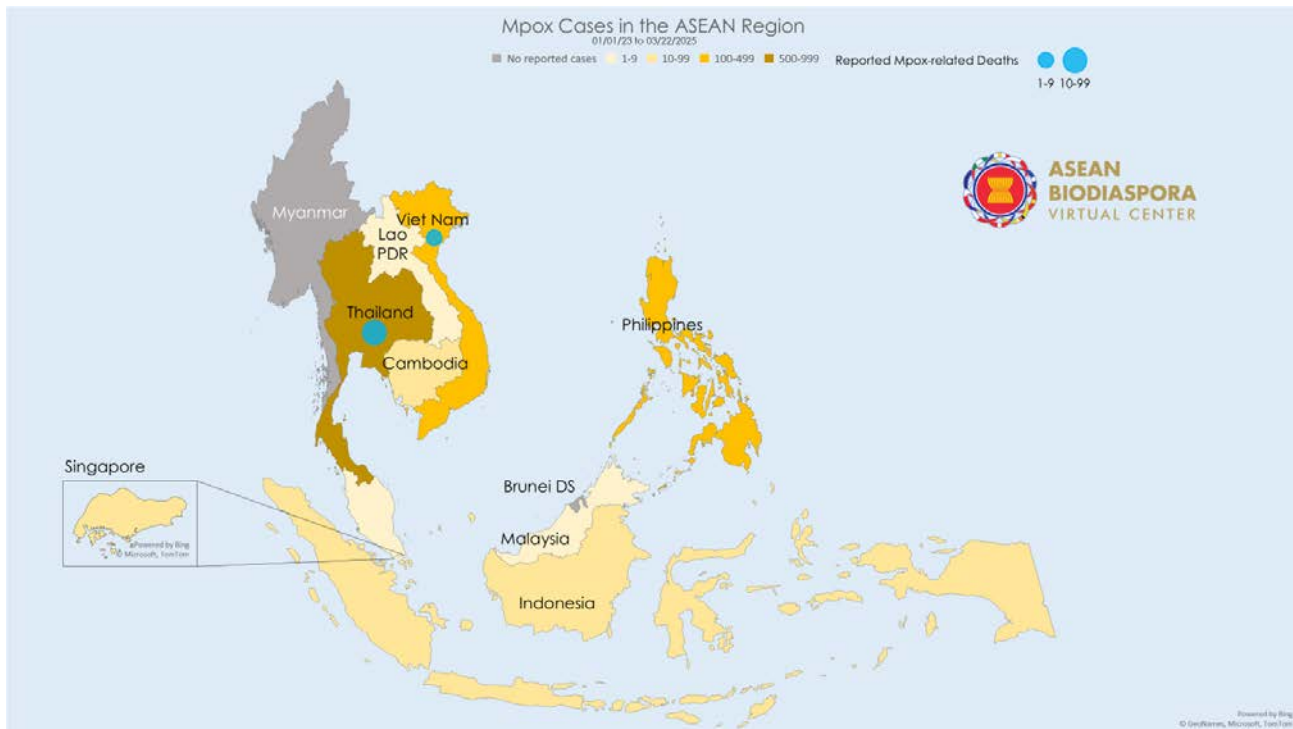
A person wearing a full-body white protective suit, including a hood and a face mask with a filter. They are wearing black gloves and holding a black cylindrical object. The background is a blurred laboratory or clinical setting. The text "Emerging Diseases" is overlaid in large white font on the left side of the image.

# Emerging Diseases

# MPOX

## Mpox Cases Reported in the ASEAN Region

January 1, 2023 – March 22, 2025



Source:

1. Ministry of Health Republic of Indonesia
2. Ministry of Health Singapore, accessed March 25, 2025, <https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>

### Key Findings

- From 1 January 2023 to 22 March 2025, **44,137** confirmed cases worldwide since 2023, including **256** deaths. Globally, the CFR was **0.58 %**.
- **1,346 confirmed cases** including **23 deaths** in the **ASEAN** region, with a CFR of **1.71%**.
- **42,791 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 Mar. 22, 2025)

ASEAN Member States	Cumulative Cases 2023-2025	New Cases Since Previous Report	Cumulative Deaths 2023-2025	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>	104	35	1	0.96%
<b>Singapore</b> <sup>4</sup>	53	0	0	0.00%
<b>Thailand</b> <sup>3</sup>	860	2	13	1.51%
<b>Vietnam</b> <sup>3</sup>	209	0	9	4.31%
<b>ASEAN Total</b>	<b>1,346</b>	<b>37</b>	<b>23</b>	<b>1.71%</b>

Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia
3. WHO Mpox Outbreak: Global Trends, accessed March 25, 2025 ([https://worldhealthorg.shinyapps.io/mpx\\_global/](https://worldhealthorg.shinyapps.io/mpx_global/))
4. Ministry of Health Singapore, accessed March 25, 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 Mar. 22, 2025)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
<b>Democratic Republic of Congo</b>	12,892	848	49	0.38%
<b>United States of America</b>	4,559	0	10	0.22%
<b>Uganda</b>	4,141	1,192	31	0.75%
<b>Brazil</b>	3,061	139	2	0.07%
<b>People's Republic of China</b>	2,846	4	1	0.04%

Source: Our World in Data, accessed on March 25, 2025 (<https://ourworldindata.org/monkeypox>)

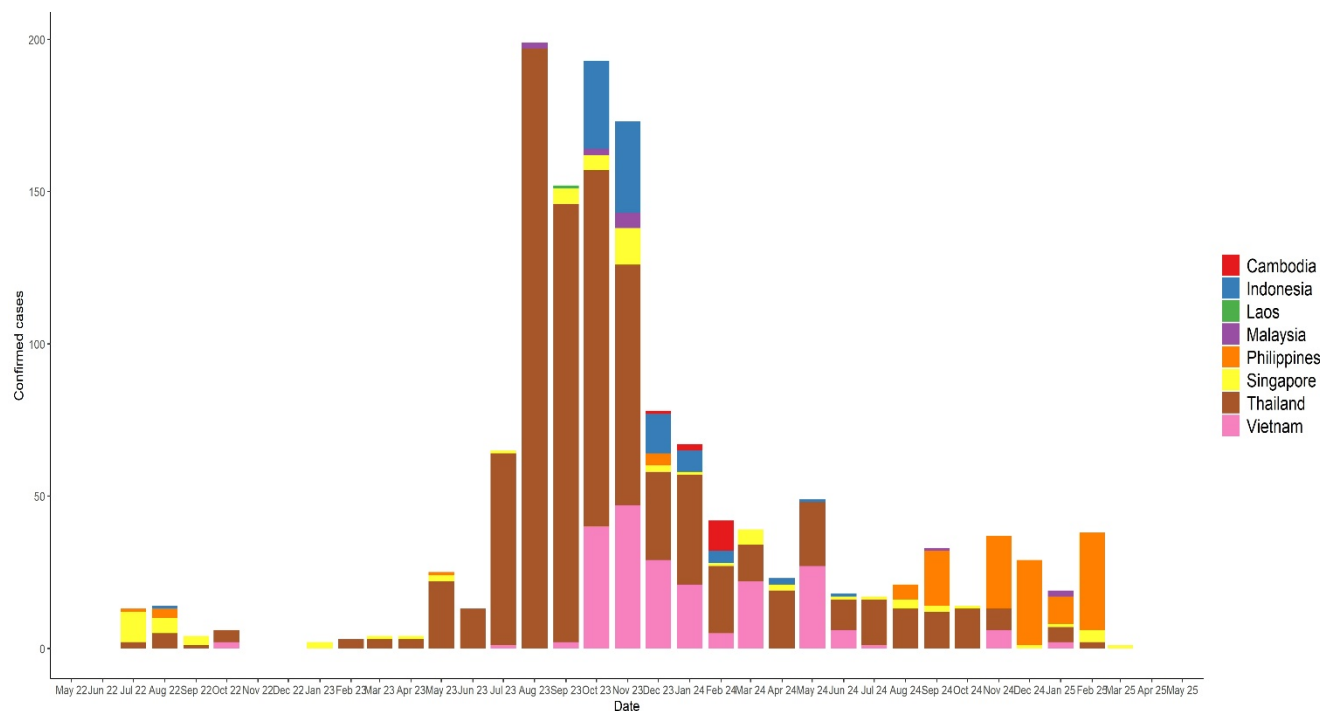
## Mpox cases per region (Jan. 1, 2023 to Mar. 22, 2025)

REGIONS	CUMULATIVE CASES 2023-2025	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
<b>AFRICA</b>	21,893	2,378	100	0.46%
<b>AMERICAS</b>	10,257	131	99	0.97%
<b>ASEAN</b>	1,346	38	23	1.71%
<b>ASIA &amp; OCEANIA</b>	7,143	180	30	0.42%
<b>EUROPE</b>	3,498	176	4	0.11%
<b>TOTAL</b>	<b>44,137</b>	<b>2,903</b>	<b>256</b>	<b>0.58%</b>

Source: Our World in Data, accessed on March 25, 2025 (<https://ourworldindata.org/monkeypox>)

## Trend of Mpox Confirmed Cases in the ASEAN Region

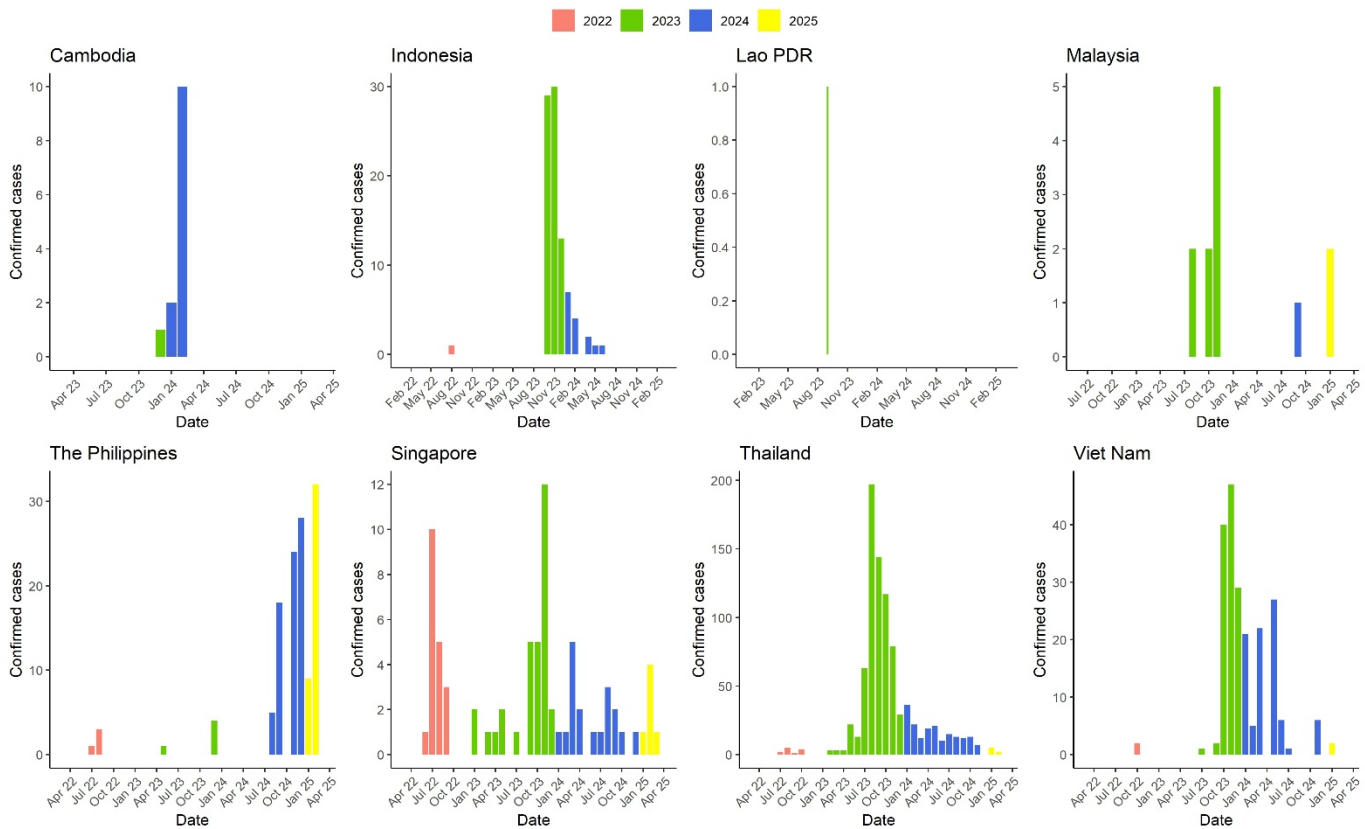
January 1, 2022 to March 22, 2025



Source: Our World in Data, accessed on March 25, 2025 (<https://ourworldindata.org/monkeypox>)



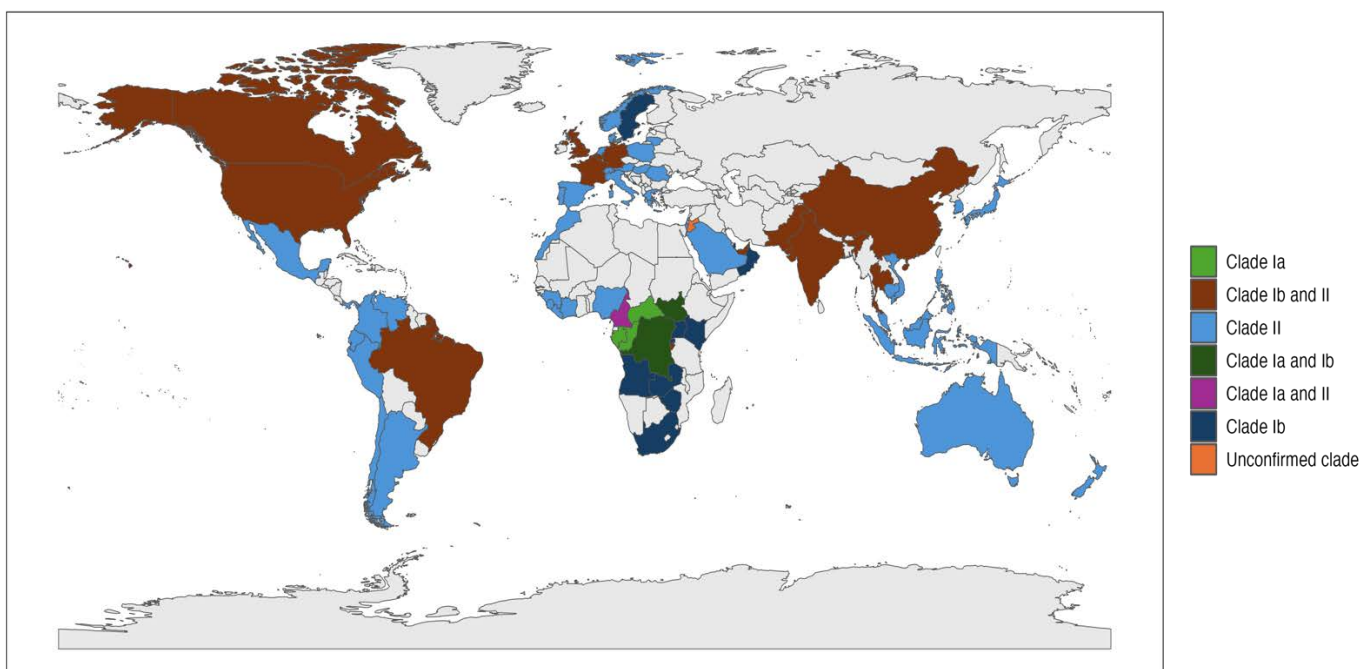
## Trend of Mpox Confirmed Cases among ASEAN Member States January 1, 2022 to March 22, 2025



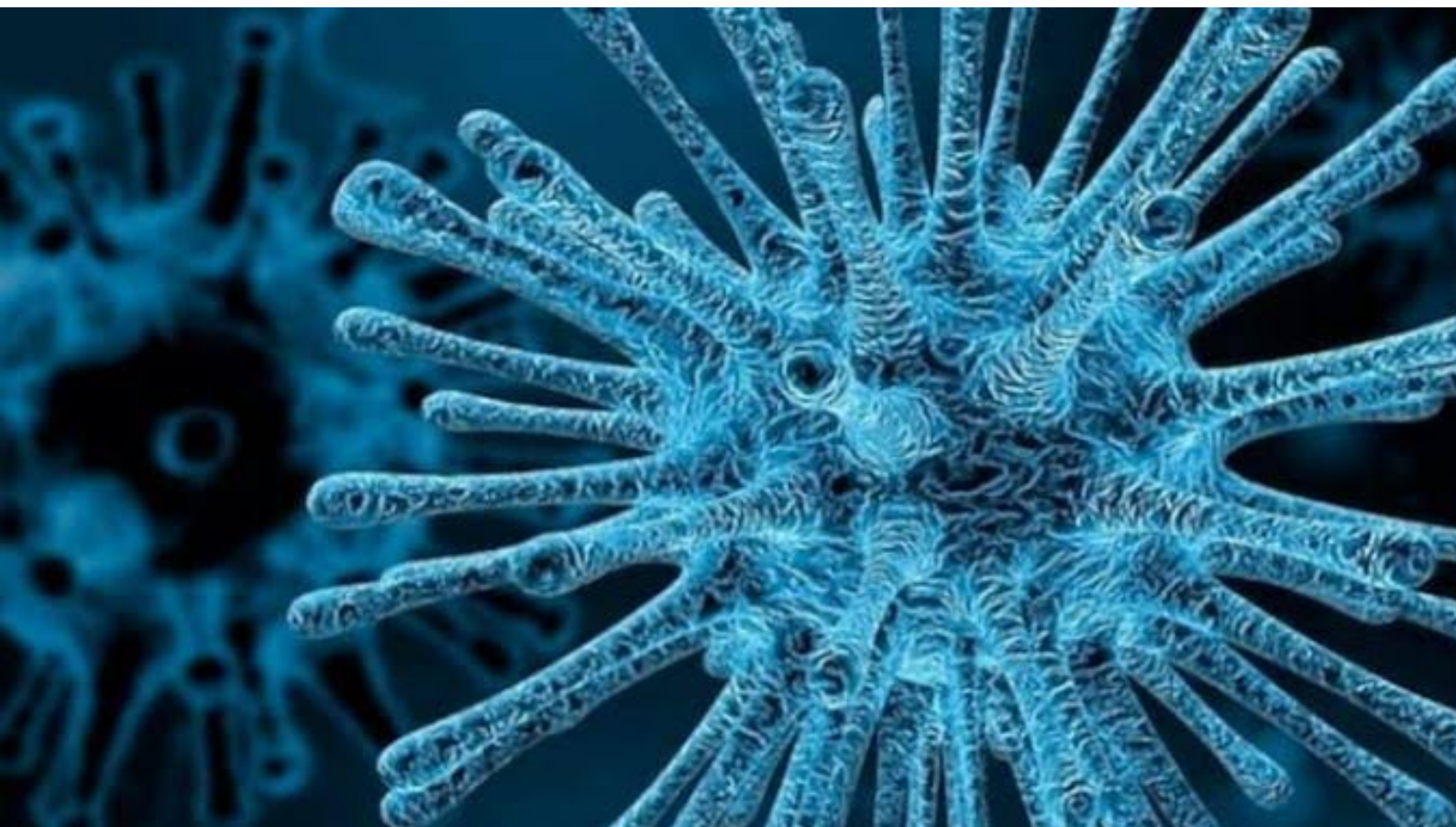
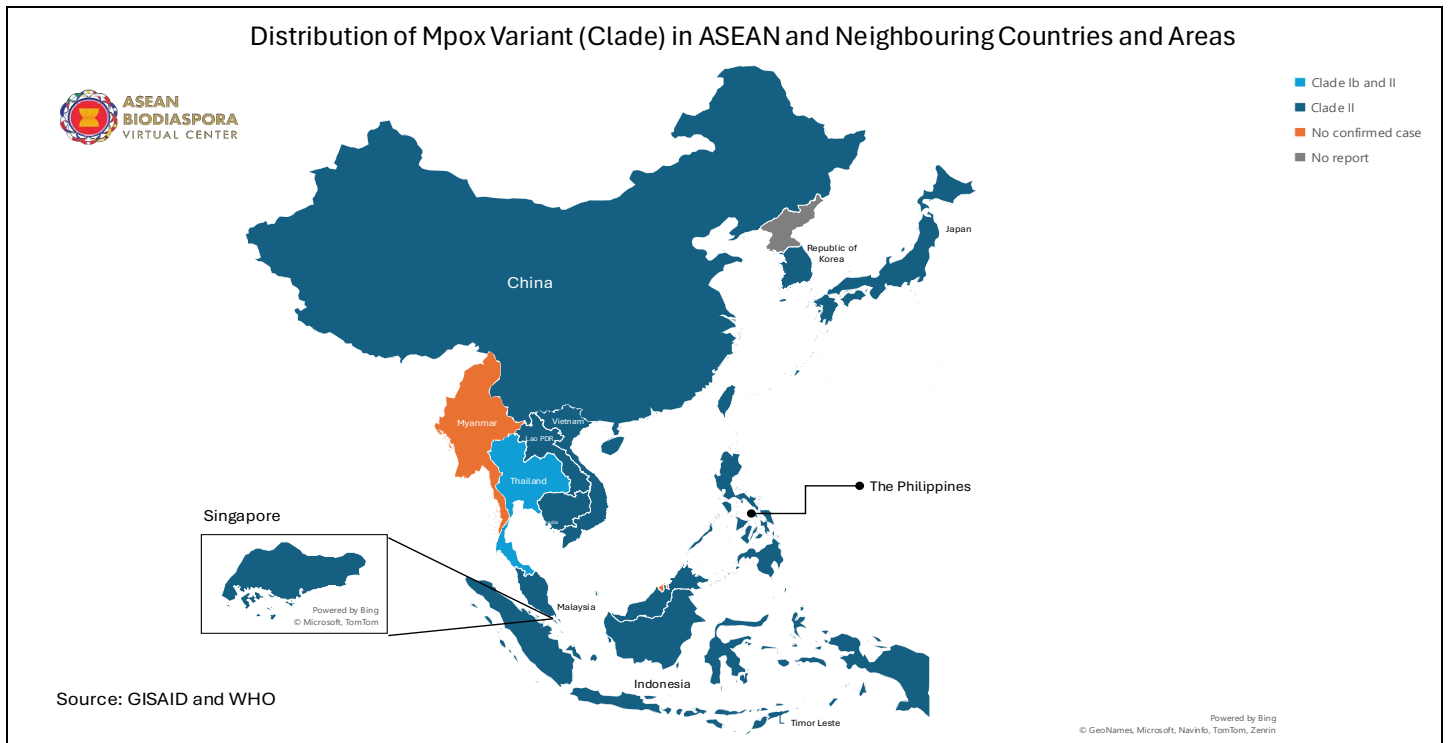
Source: Our World in Data, accessed on March 25, 2025 (<https://ourworldindata.org/monkeypox>)

## Distribution of Mpox Variants in The Global As of March 22, 2025

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



## Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas As of March 22, 2025





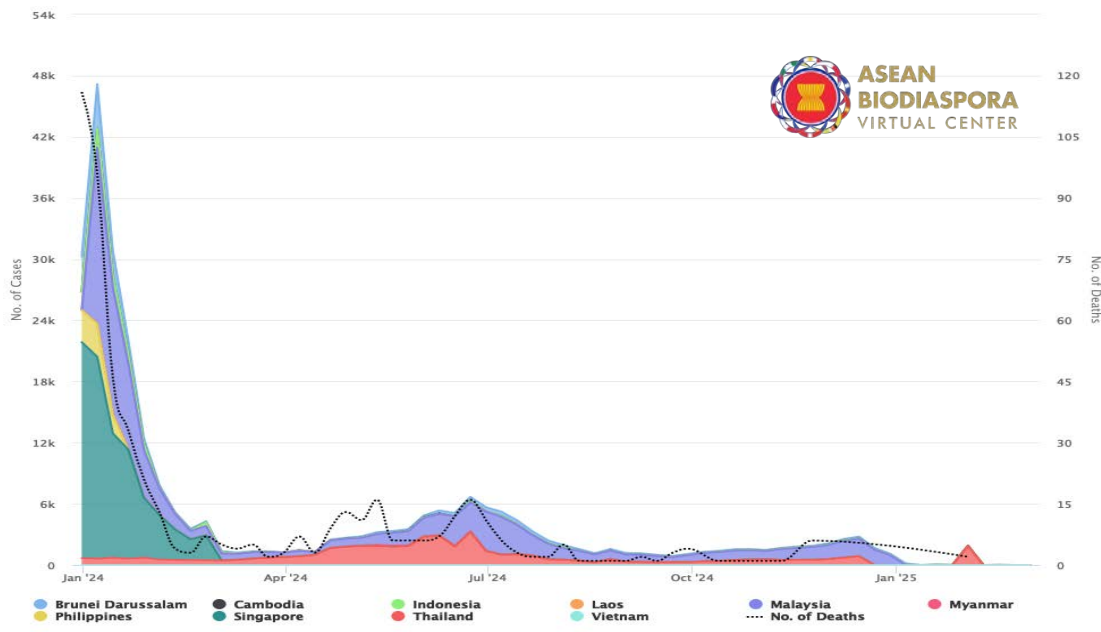
# COVID-19

## Key Findings

- As of 22 March 2025 (5PM, GMT+7), there were **704,875,754** confirmed cases **worldwide**, including **7,010,834 deaths**. Globally, Case Fatality Rate (CFR) was **1.00%**.
- **37,120,166 total confirmed cases** of COVID-19 have been reported in the **ASEAN Region**.
- The CFR in the **ASEAN Region** was **1.00%**.

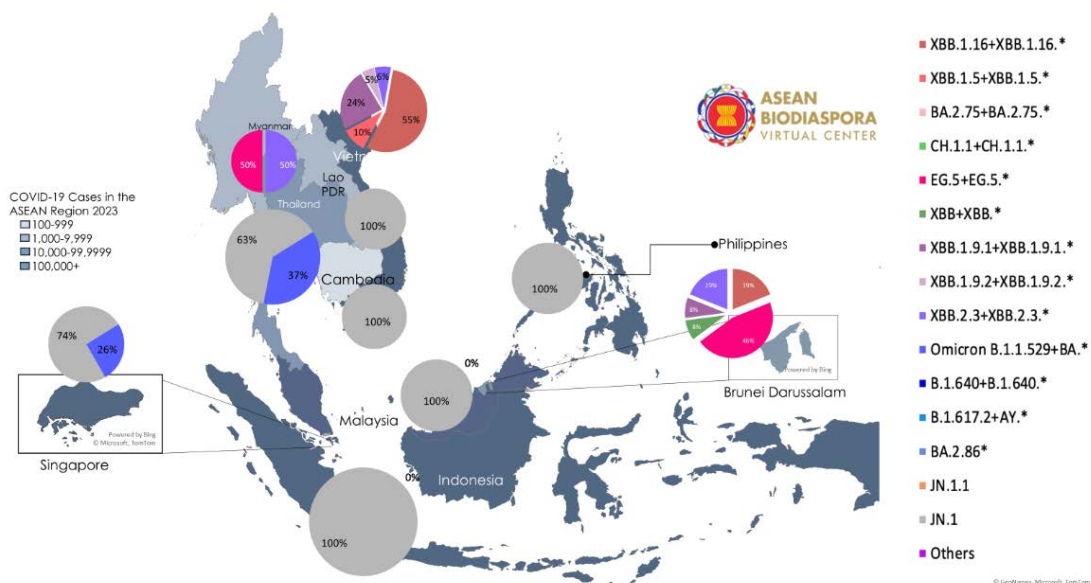
## ASEAN Weekly COVID-19 Cases and Deaths

From January 1, 2024 to March 22, 2025



Source: [Singapore Government and the WHO](#), accessed on March 25, 2025

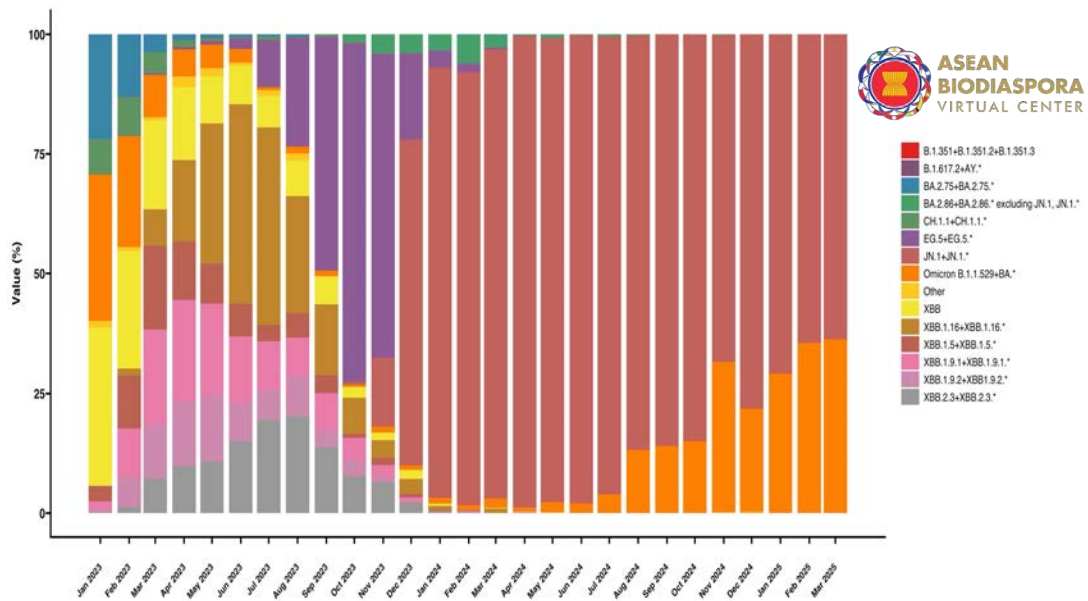
## COVID-19 Variants Frequencies Among the ASEAN Member States In March 2025



Source: GISAIID. "hCoV-19 Variants Dashboard," accessed March 25, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

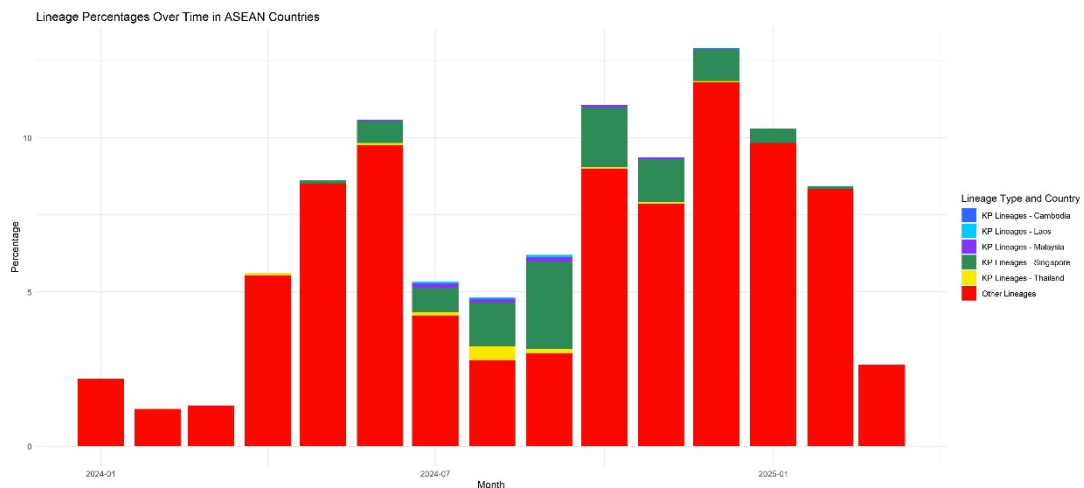


## COVID-19 Variants Frequencies in the ASEAN Region From January 2023 to March 2025



Source: GISAID. "hCoV-19 Variants Dashboard," accessed March 25, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

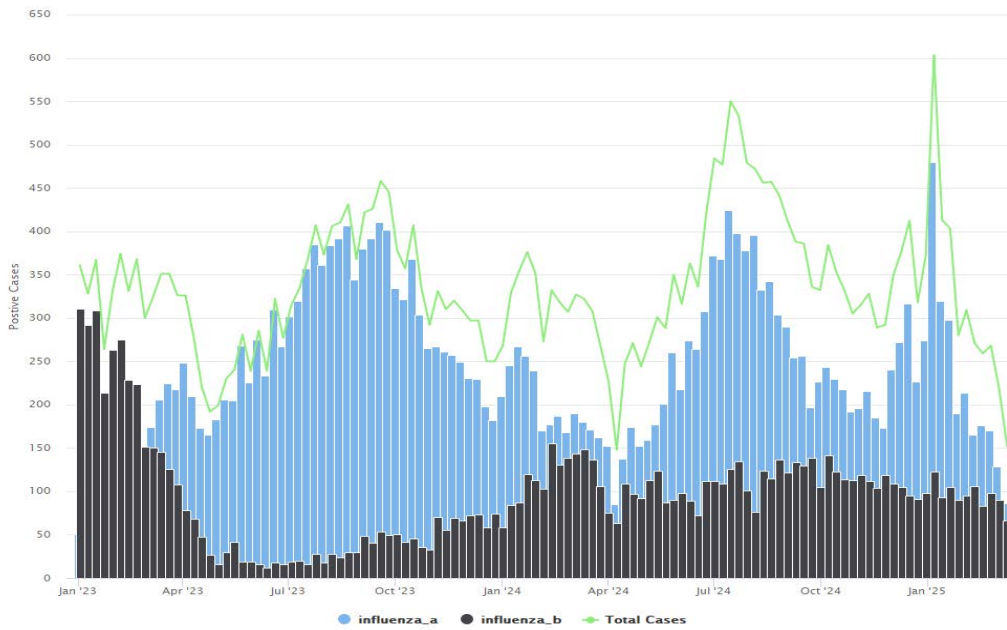
## COVID-19 "KP" Sub-Variant detected in the ASEAN region From January 2024 to March 2025



Source: GISAID. "hCoV-19 Variants Dashboard," accessed on March 25, 2025 (<https://gisaid.org/hcov-19-variants-dashboard/>)

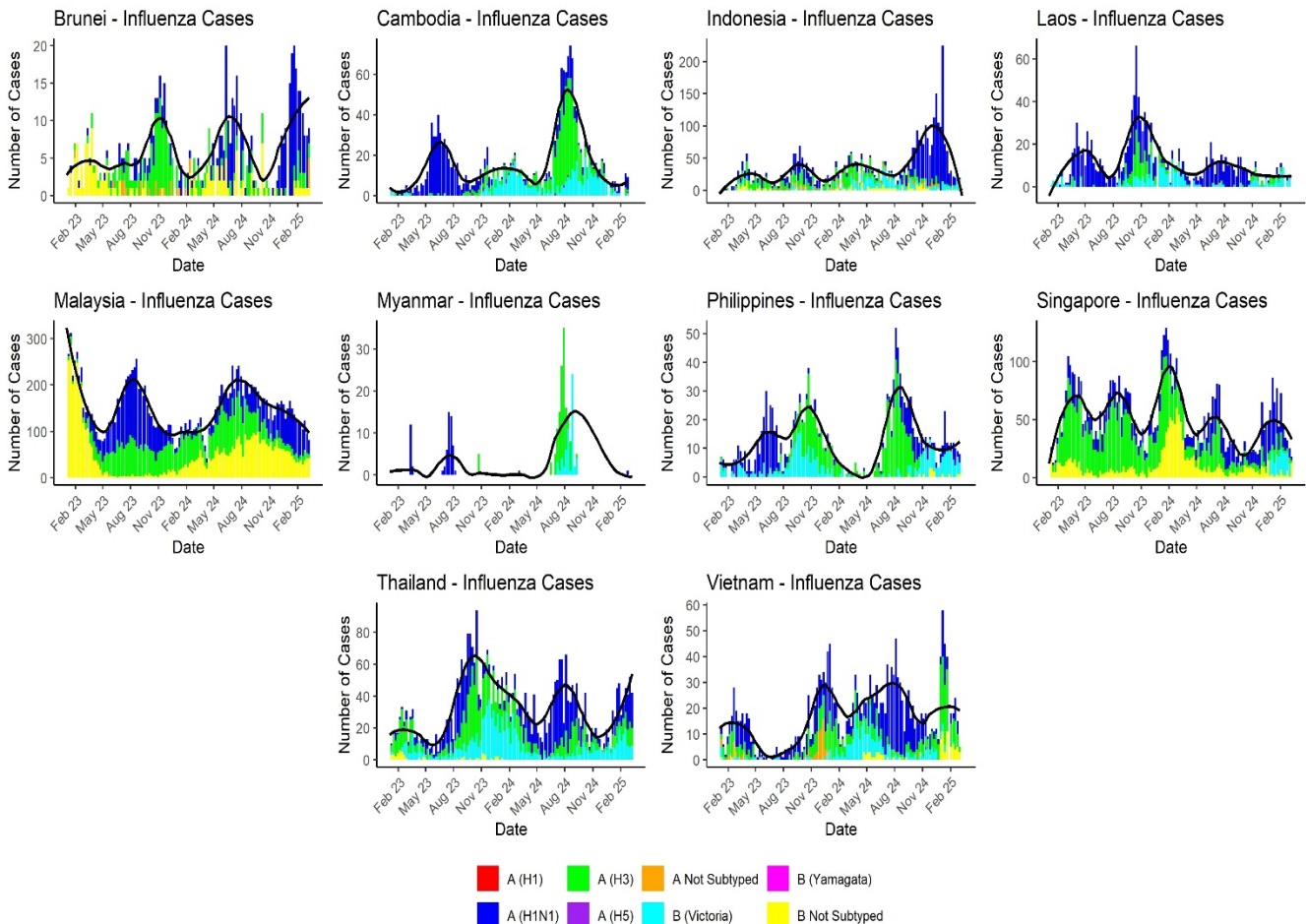


## Trends of Influenza Confirmed Cases in the ASEAN region From January 1, 2023 to March 22, 2025



Source: WHO FluNet, accessed on March 25, 2025 (<https://www.who.int/tools/fluNet>)

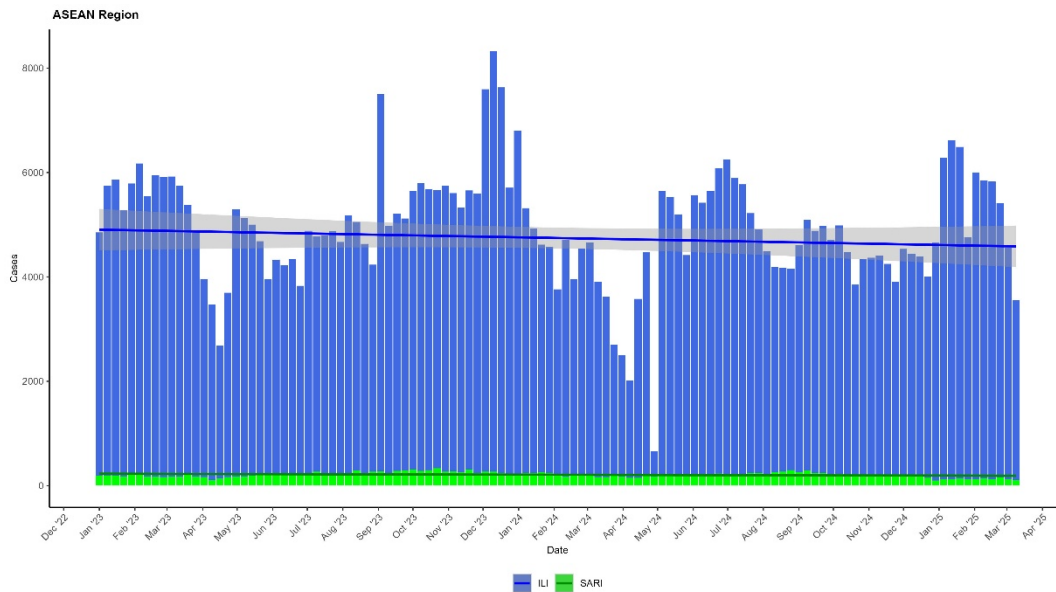
## Trend of Influenza Cases among ASEAN Member States January 1, 2023 to March 22, 2025





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

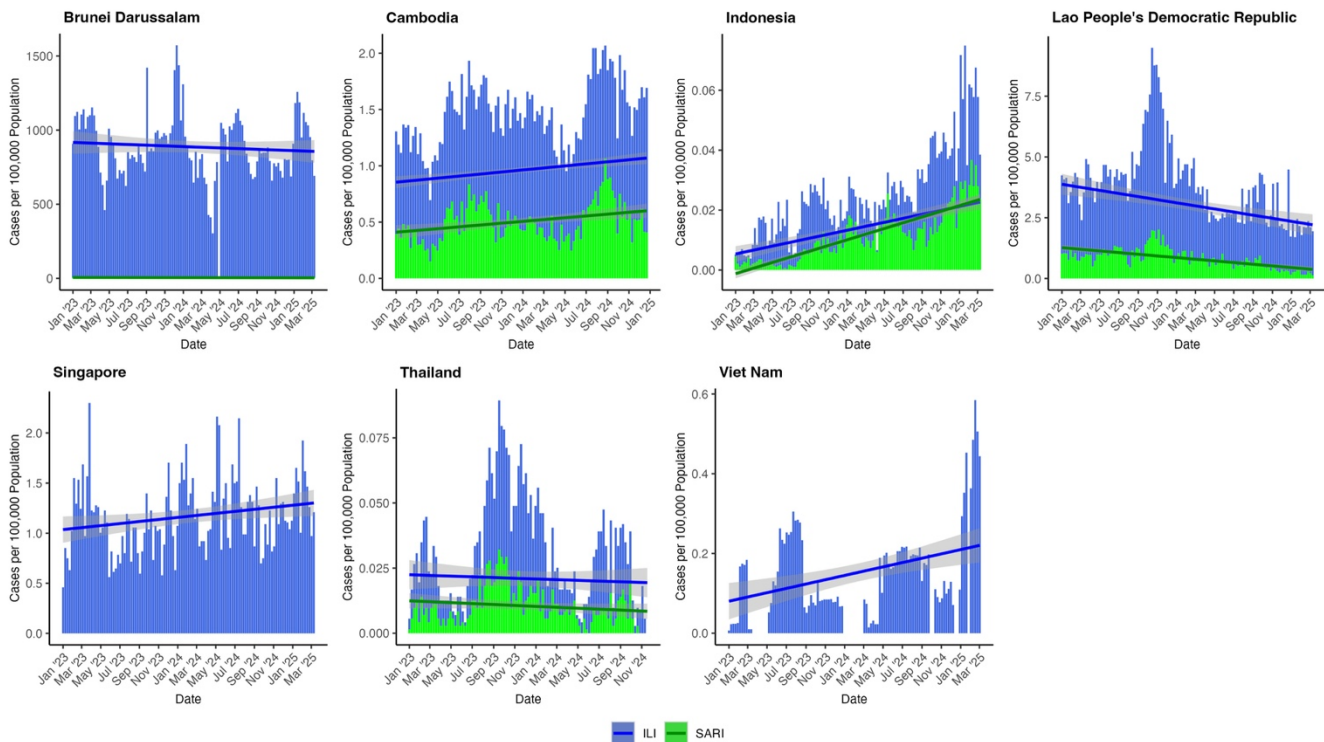
January 1, 2023 to March 22, 2025



Source: WHO FLUID, accessed March 25, 2025 (<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, 2023 to March 22, 2025



Source: WHO FLUID, accessed March 25, 2025 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-outputs>)

# Zoonosis



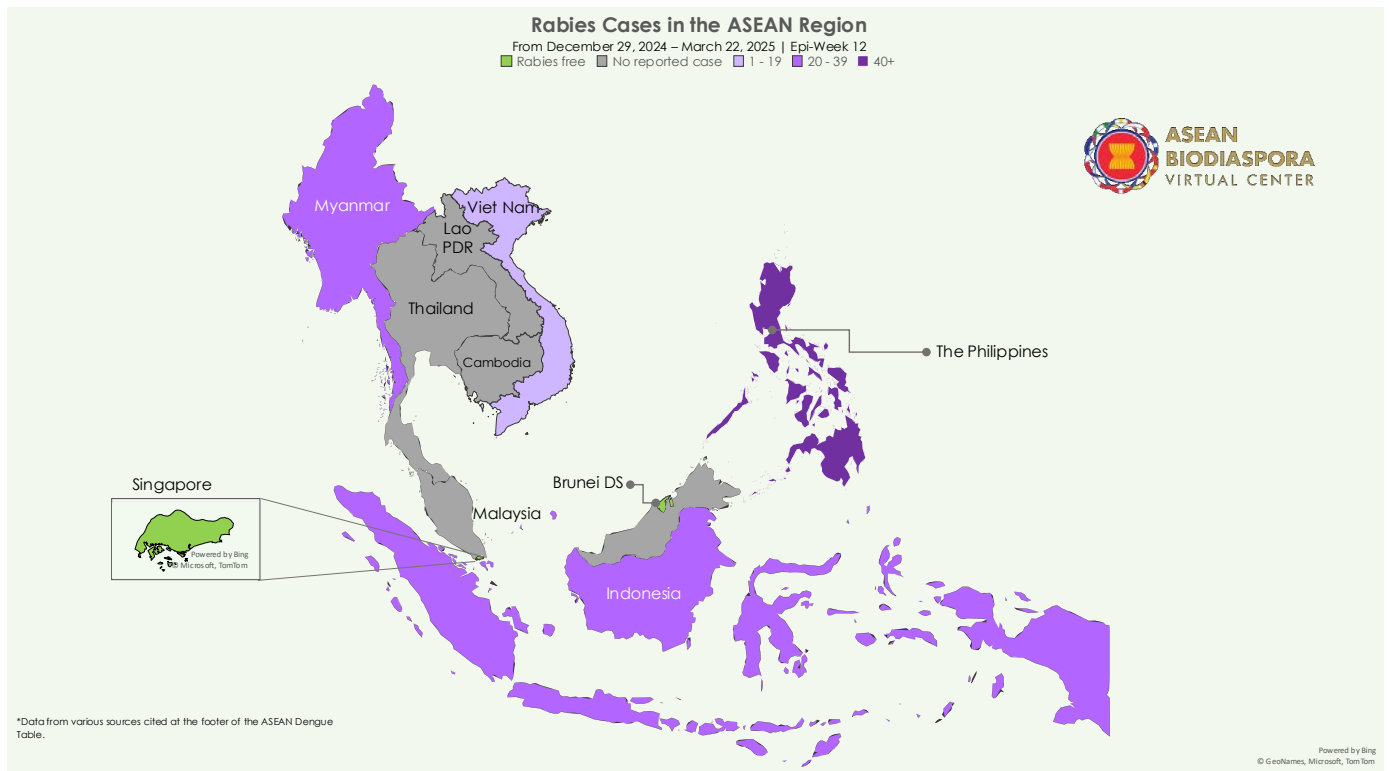
# RABIES

## Rabies Cases in the ASEAN Region

From December 29, 2024 to March 22, 2025 (Epi-Week 12, 2025)

### Key Findings

- The **ASEAN** region reported **three** new rabies cases in Epiweek 12, 2025.
- Up to March 22, 2025, the region reported **116** total cases with **100%** CFR.



### Rabies cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Cases	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>	Week 12	37	3	37	100%
<b>Lao PDR</b>	-	-	-	-	-
<b>Malaysia<sup>2</sup></b>	-	-	-	-	-
<b>Myanmar<sup>3</sup></b>	Week 8	20	-	20	100%
<b>Philippines<sup>2</sup></b>	Week 9	55	-	55	100%
<b>Singapore</b>			<b>Rabies-free country</b>		
<b>Thailand<sup>4</sup></b>	-	-	-	-	-
<b>Viet Nam<sup>2</sup></b>	Week 7	4	-	4	100%
<b>Total</b>		<b>116</b>	<b>3</b>	<b>116</b>	<b>100%</b>

Source:

1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed March 25, 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 March 25, 2025

# Vector-Borne Diseases



# DENGUE

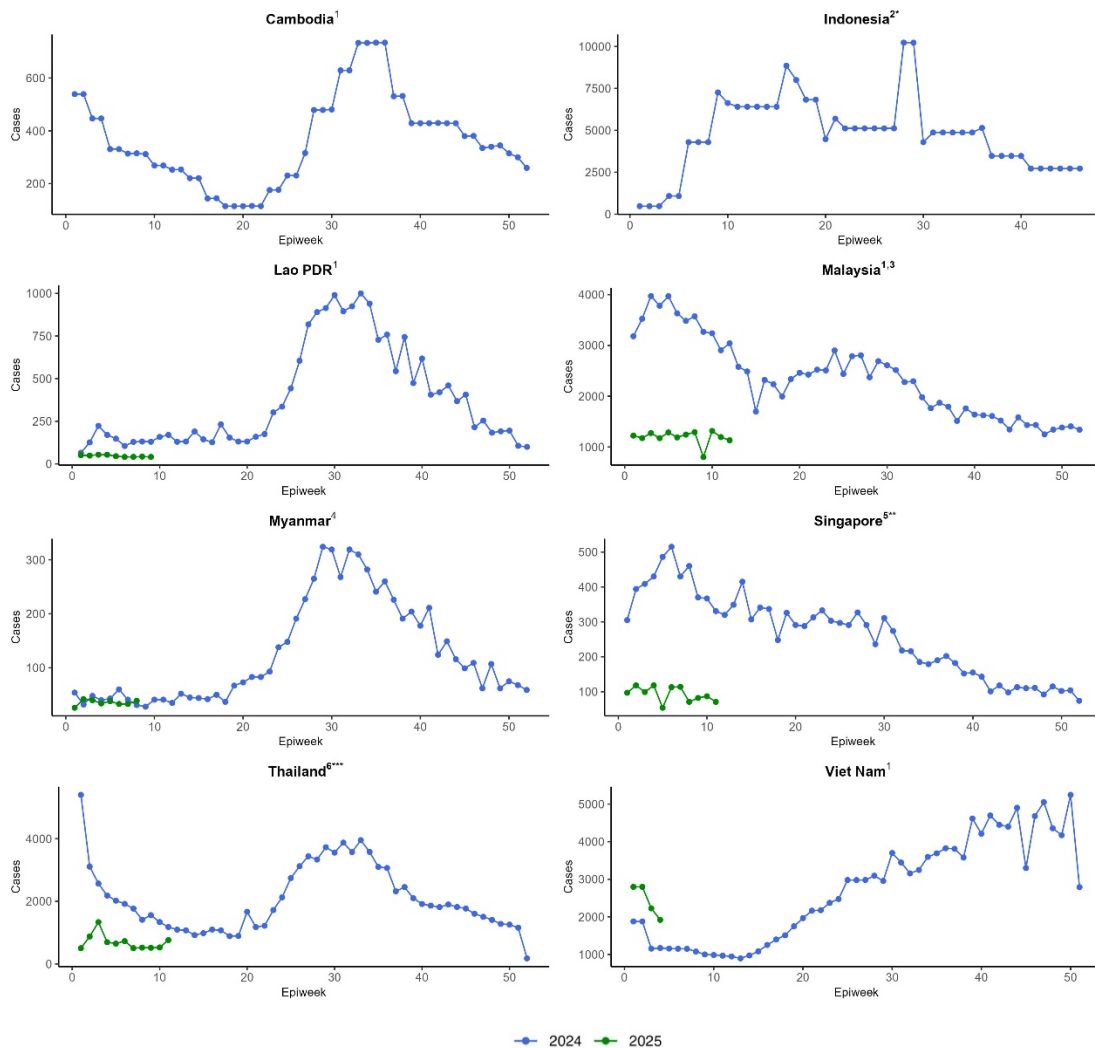
## Dengue Cases in the ASEAN Region

From December 29, 2024 to March 22, 2025 (Epi-Week 12, 2025)

### Key Findings

- The **ASEAN** region reported **3,103** new dengue cases in Epiweek 12, 2025.
- Up to March 22, 2025, the region reported **36,637** total cases and **18** total deaths with **0.05%** CFR.
- Most dengue trends in 2025 among AMS showing lower number of case compared to previous year at the same period. While Myanmar and Viet Nam showing same trend up to March 25, 2025.

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



Source:

1. WHO WPRO, "Dengue," World Health Organization, accessed March 25, 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 March 25, 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 March 25, 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 March 25, 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 March 22, 2025 (Epi-Week 12, 2025)

### Key Findings

- The **ASEAN** region reported **19,029** new malaria cases in Epiweek 12, 2025.
- Up to March 22, 2025, the region reported **136,536** total cases and **24** 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 12	174	0	0	0.00%
<b>Indonesia<sup>2</sup></b>	Week 12	118,071	18,986	24	0.02%
<b>Lao PDR<sup>3</sup></b>	Week 11	491	-	0	0.00%
<b>Malaysia</b>	-	-	-	-	-
<b>Myanmar<sup>4</sup></b>	Week 8	17,375	-	0	0.00%
<b>Philippines</b>	-	-	-	-	-
<b>Singapore<sup>5</sup></b>	Week 11	9	0	0	0.00%
<b>Thailand<sup>6</sup></b>	Week 12	416	43	0	0.00%
<b>Viet Nam</b>	-	-	-	-	-
<b>Total</b>		<b>136,536</b>	<b>19,029</b>	<b>24</b>	<b>0.02%</b>

Source:

1. Cambodia National Malaria Center, accessed March 25, 2025 (<https://mis.cnm.gov.kh/Dashboard>)
2. Malaria Cases in Indonesia, accessed March 25, 2025 (<https://malaria.kemkes.go.id/case>)
3. Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed March 25, 2025 (<https://www.facebook.com/CCFH.MoH.Lao/>)
4. Department of Public Health, Ministry of Health, Myanmar
5. Ministry of Health Singapore, accessed March 25, 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 March 25, 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 syringe is held vertically. 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

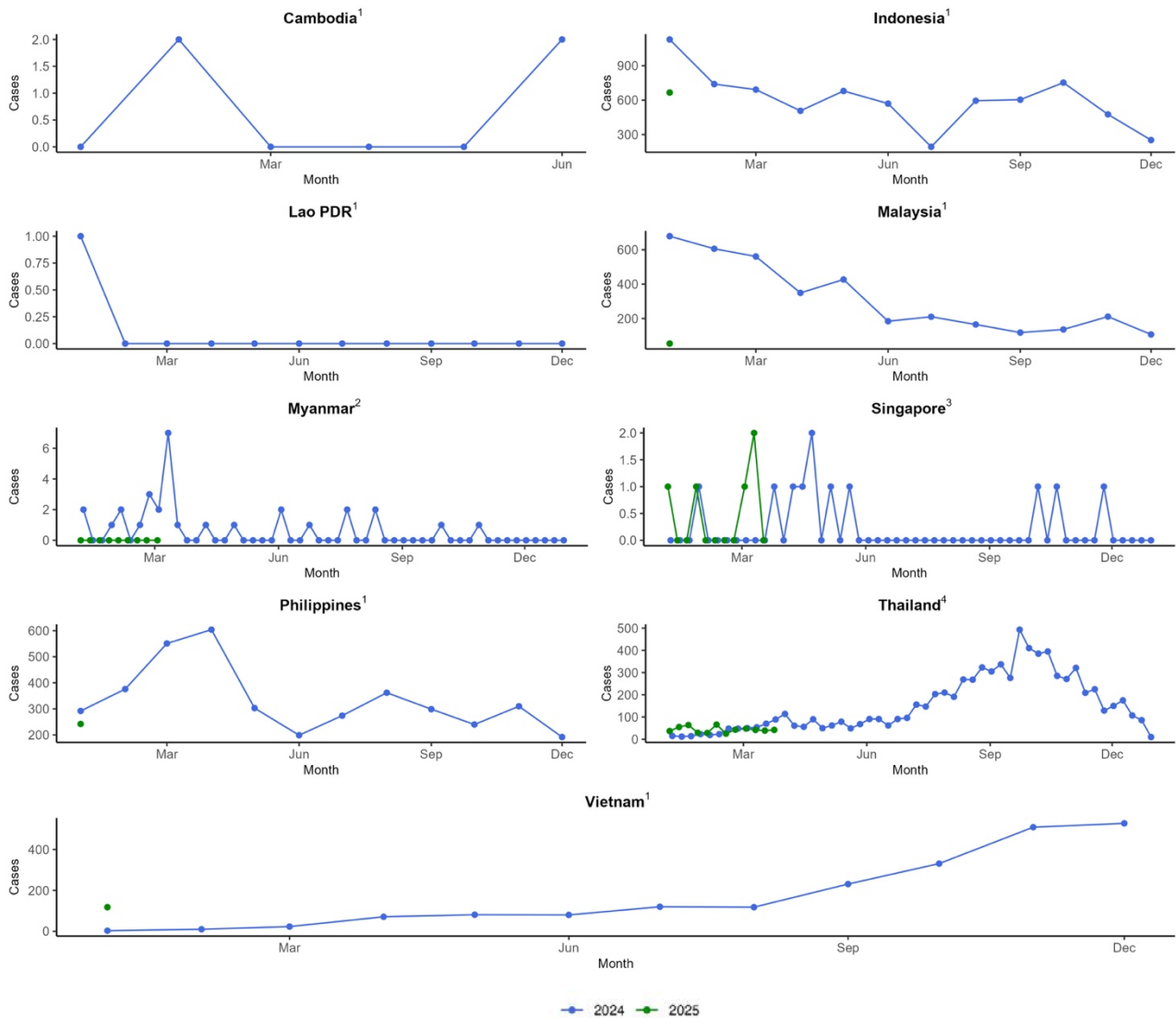
## Measles Cases in the ASEAN Region

From December 29, 2024 to March 22, 2025 (Epi-Week 12, 2025)

### Key Findings

- The **ASEAN** region reported **42** new measles cases in Epiweek 12, 2025.
- Up to March 22, 2025, the region reported **1,604** total cases with **0%** CFR.

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



Source:

1. Provisional Measles and Rubella Data, World Health Organization, accessed March 18, 2025 (<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 18, 2025 (<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 18, 2025 (<http://doe.moph.go.th/surdata/index.php>)



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