



**ASEAN  
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VIRTUAL CENTER

# 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  
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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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## 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

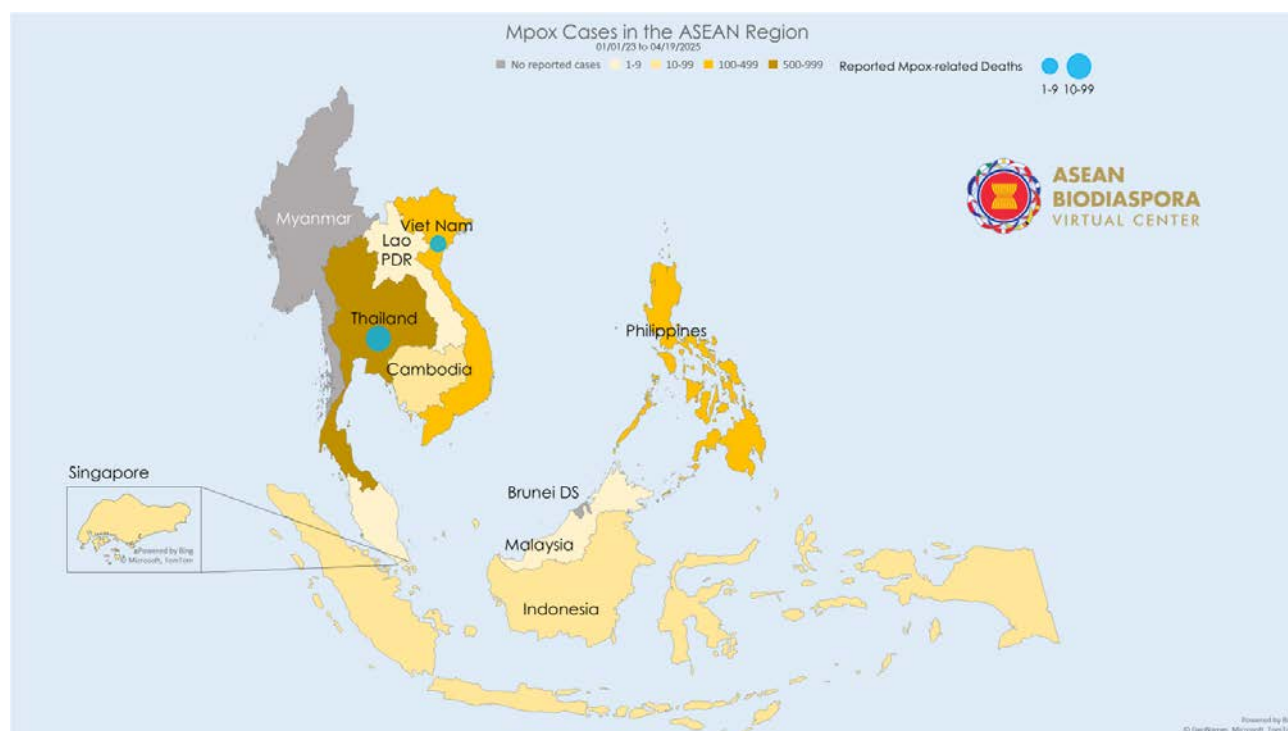
# Emerging Diseases

A person wearing a full-body white protective suit, a hood, and a face mask with a filter. They are also wearing black gloves. The person is holding a small, dark object in their gloved hand. The background is blurred, suggesting an indoor setting.

# MPOX

## Mpox Cases Reported in the ASEAN Region

January 1, 2023 – April 19, 2025



Source:

1. Ministry of Health Republic of Indonesia
2. Ministry of Health Singapore, accessed April 22, 2025, <https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>

## Key Findings

- From 1 January 2023 to 19 April 2025, **51,390** confirmed cases worldwide since 2023, including **270** deaths. Globally, the CFR was **0.53 %**.
- **1,353 confirmed cases** including **26 deaths** in the **ASEAN** region, with a CFR of **1.92%**.
- **50,037 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 Apr. 19, 2025)

ASEAN Member States	Cumulative Cases 2023-2025	New Cases Since Previous Report	Cumulative Deaths 2023-2025	CFR
<b>Cambodia<sup>1</sup></b>	20	0	0	0.00%
<b>Indonesia<sup>2</sup></b>	87	0	0	0.00%
<b>Lao PDR<sup>3</sup></b>	1	0	0	0.00%
<b>Malaysia<sup>3</sup></b>	15	3	0	0.00%
<b>Philippines<sup>3</sup></b>	104	0	4	3.85%
<b>Singapore<sup>4</sup></b>	53	0	0	0.00%
<b>Thailand<sup>3</sup></b>	864	4	13	1.50%
<b>Vietnam<sup>3</sup></b>	209	0	9	4.31%
<b>ASEAN Total</b>	<b>1,353</b>	<b>7</b>	<b>26</b>	<b>1.92%</b>

Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia
3. WHO Mpox Outbreak: Global Trends, accessed April 22, 2025 ([https://worldhealthorg.shinyapps.io/mpox\\_global/](https://worldhealthorg.shinyapps.io/mpox_global/))
4. Ministry of Health Singapore, accessed April 22, 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 Apr. 19, 2025)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	17,615	4,723	51	0.29%
Uganda	4,882	741	37	0.76%
United States of America	4,638	79	10	0.22%
Brazil	3,257	196	2	0.06%
People's Republic of China	2,904	58	1	0.03%

Source: Our World in Data, accessed on April 22, 2025 (<https://ourworldindata.org/monkeypox>)

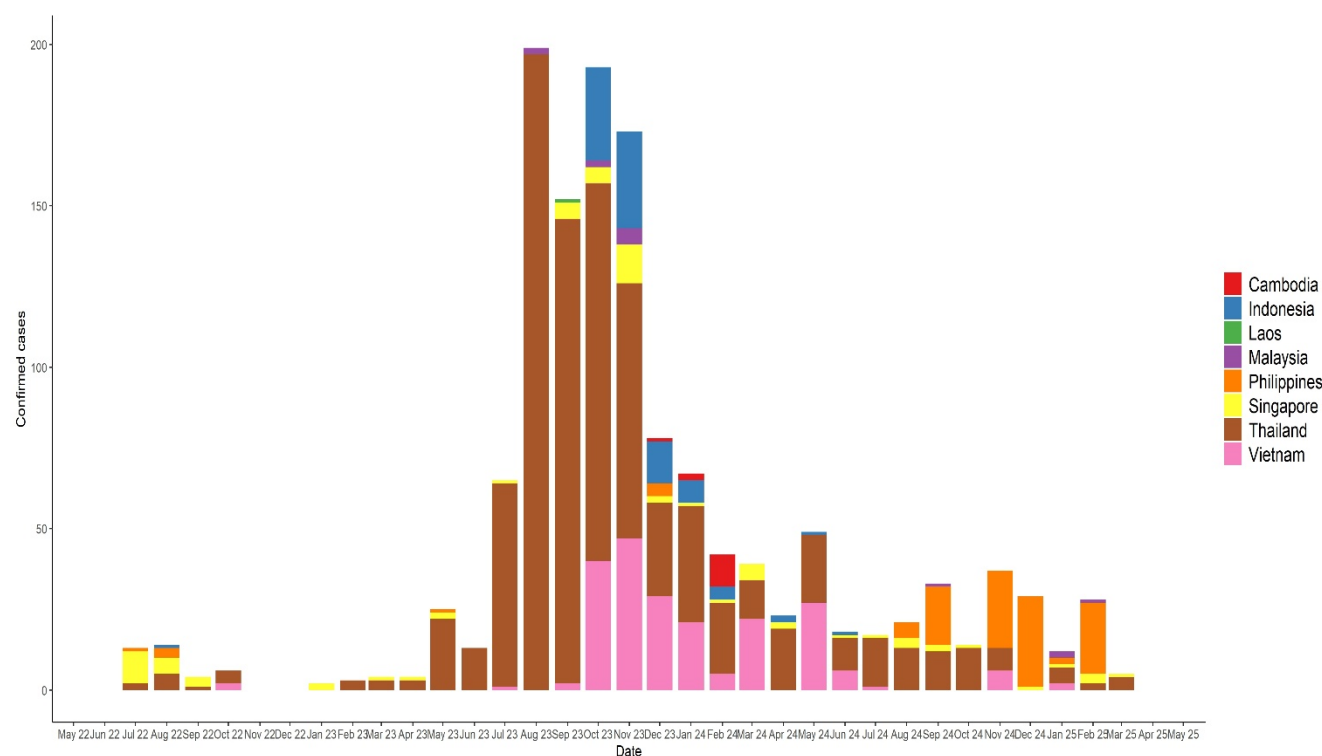
## Mpox cases per region (Jan. 1, 2023 to Apr. 19, 2025)

REGIONS	CUMULATIVE CASES 2023-2025	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	28,100	6,207	111	0.40%
AMERICAS	10,933	676	99	0.91%
ASEAN	1,353	7	26	1.92%
ASIA & OCEANIA	7,226	83	30	0.42%
EUROPE	3,778	280	4	0.11%
<b>TOTAL</b>	<b>51,390</b>	<b>7,253</b>	<b>270</b>	<b>0.53%</b>

Source: Our World in Data, accessed on April 22, 2025 (<https://ourworldindata.org/monkeypox>)

## Trend of Mpox Confirmed Cases in the ASEAN Region

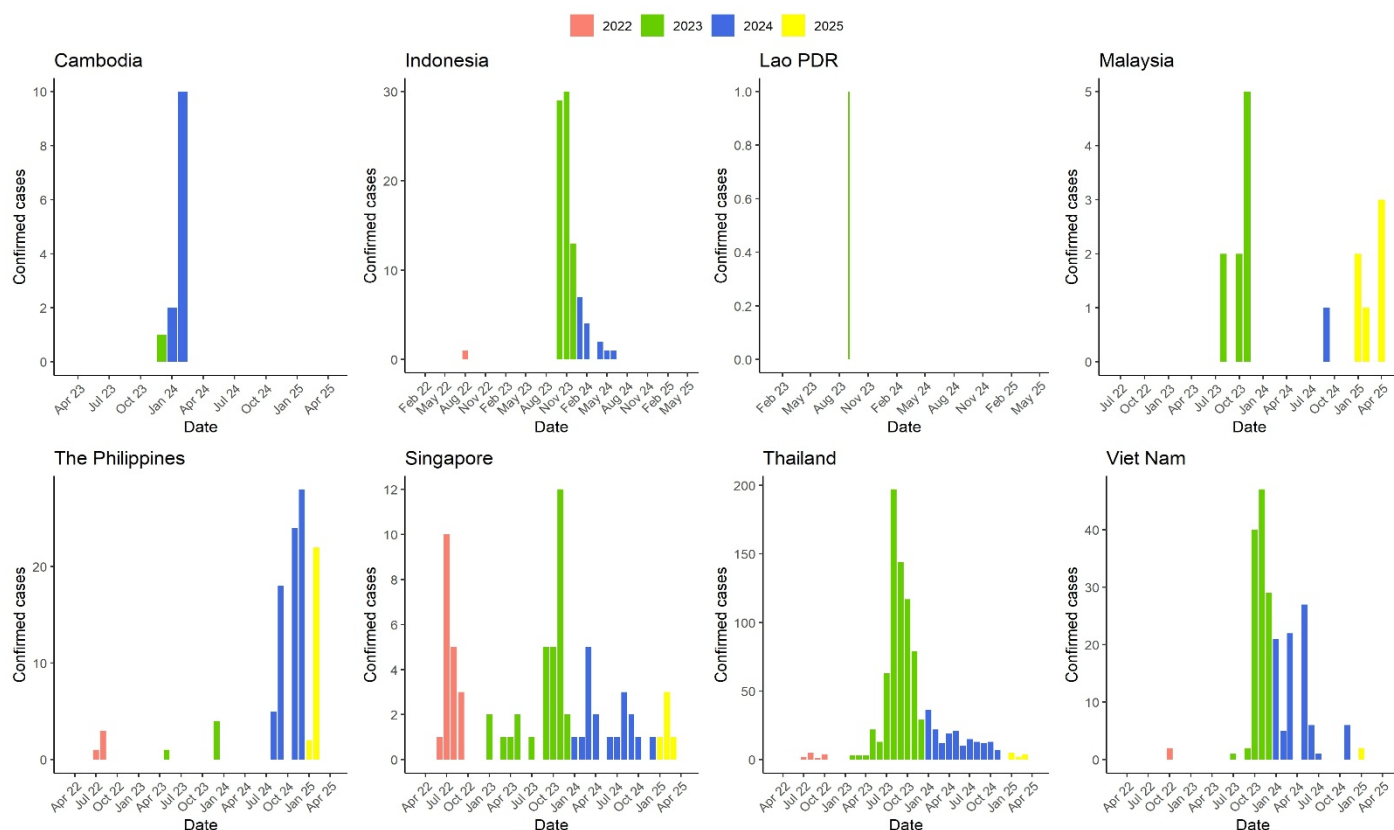
January 1, 2022 to April 19, 2025



Source: Our World in Data, accessed on April 22, 2025 (<https://ourworldindata.org/monkeypox>)

## Trend of Mpox Confirmed Cases among ASEAN Member States

January 1, 2022 to April 19, 2025

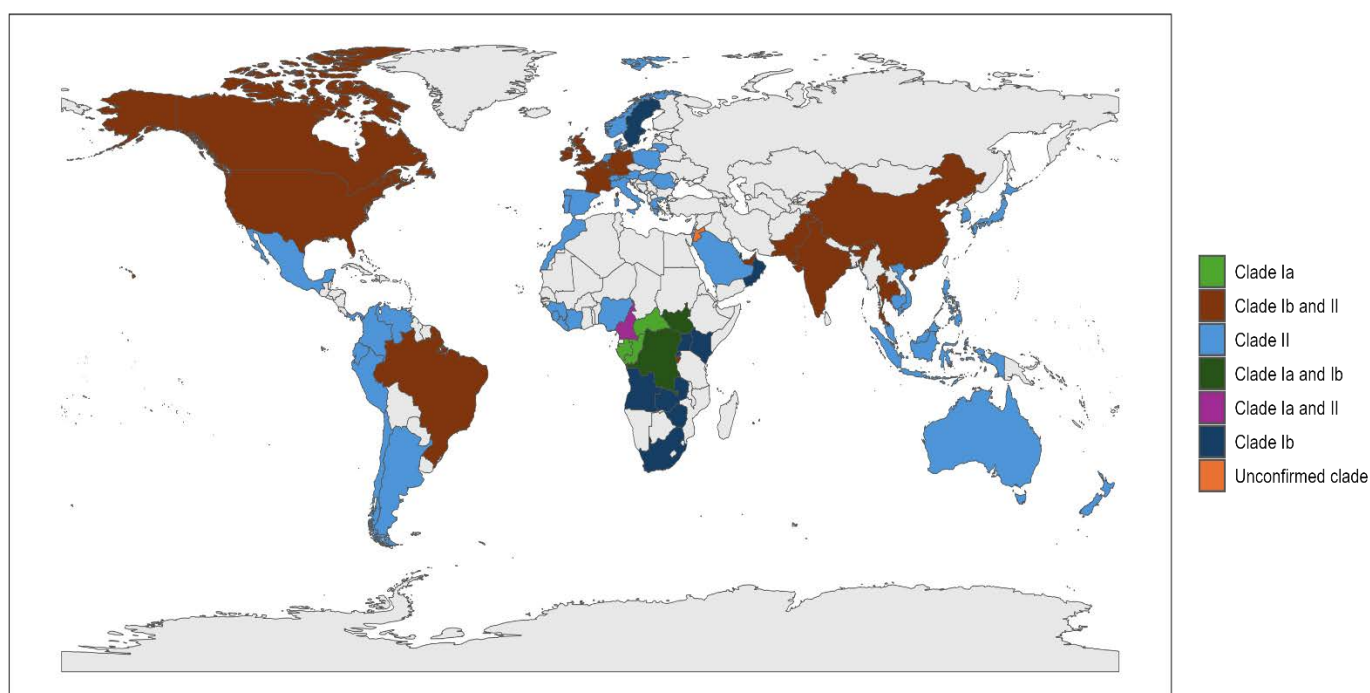


Source: Our World in Data, accessed on April 22, 2025 (<https://ourworldindata.org/monkeypox>)

## Distribution of Mpox Variants in The Global

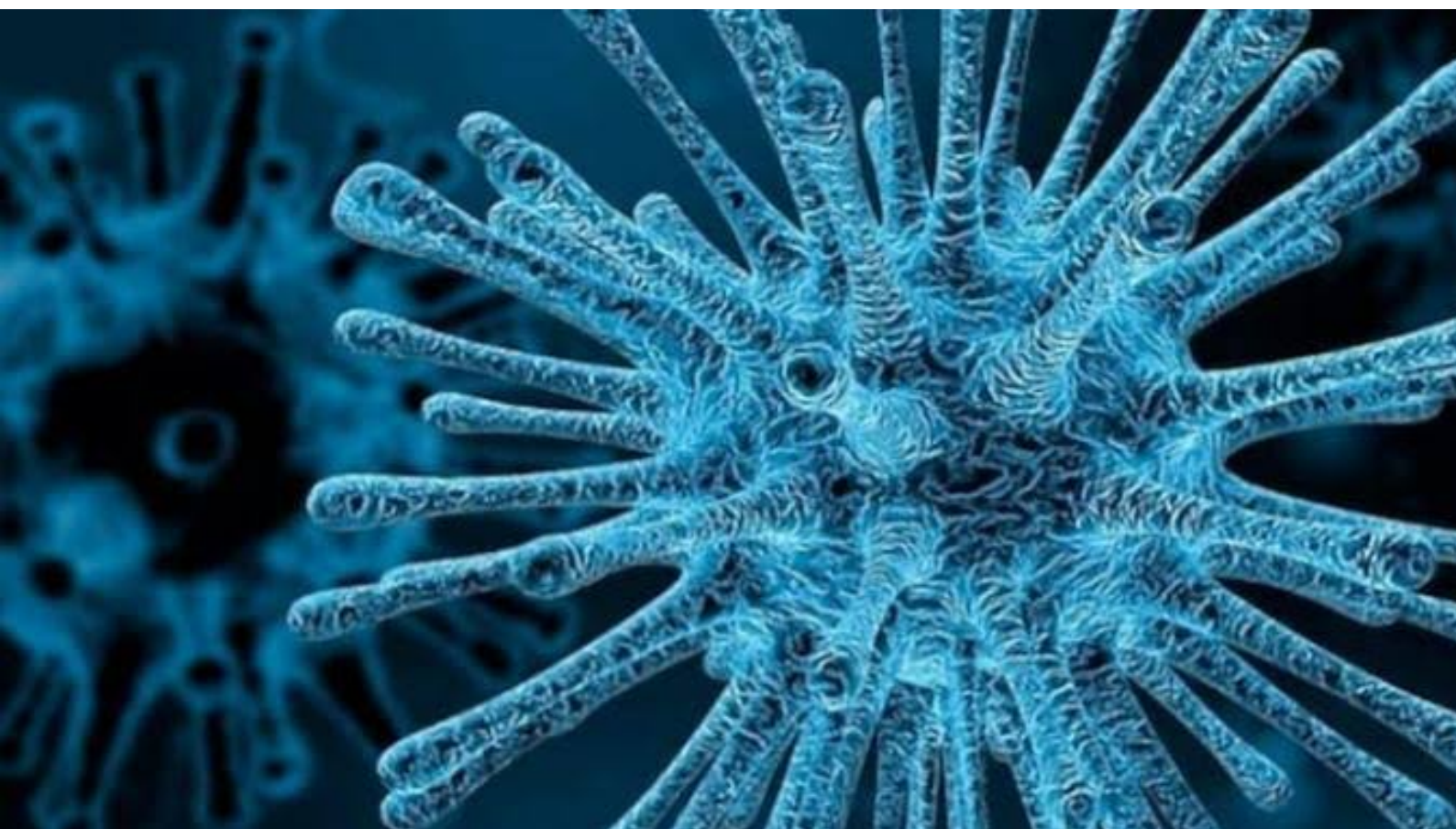
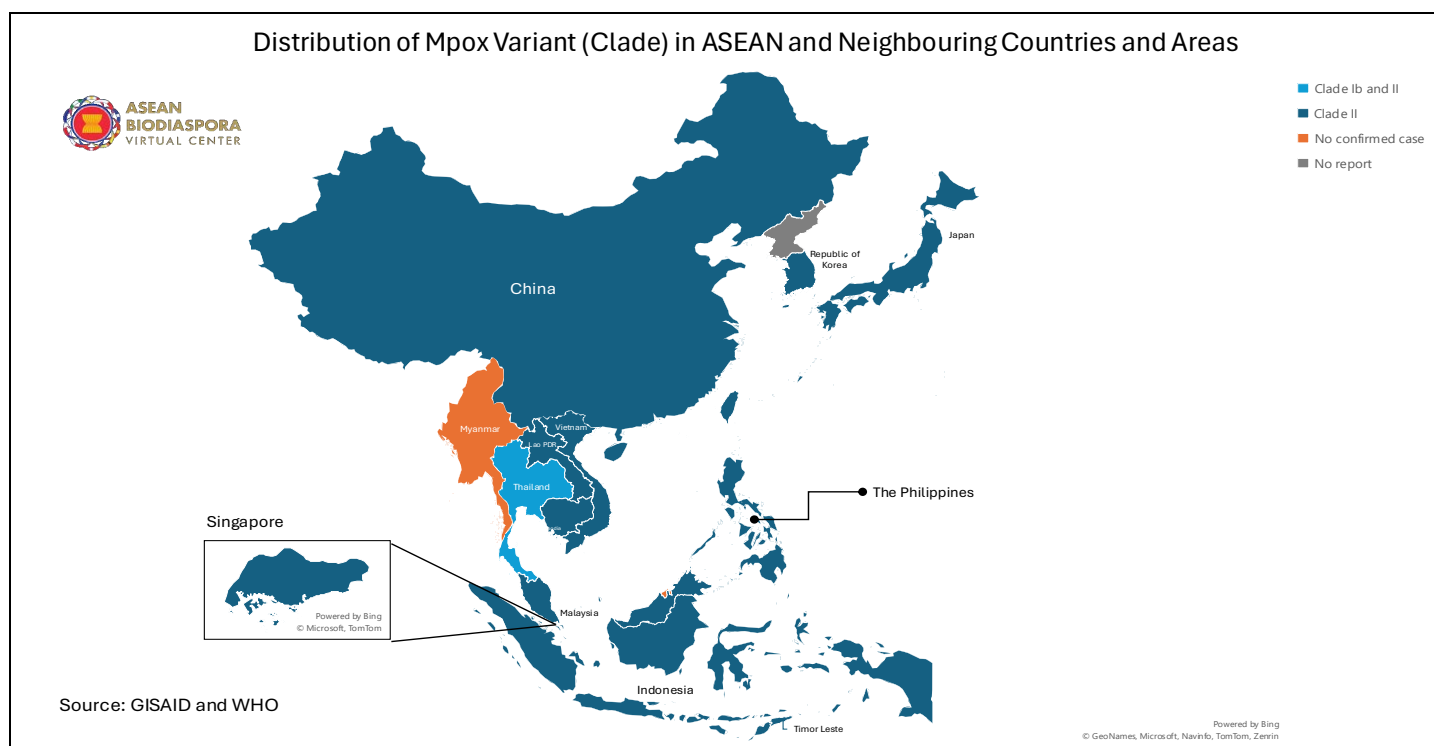
As of April 19, 2025

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





## Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas As of April 19, 2025



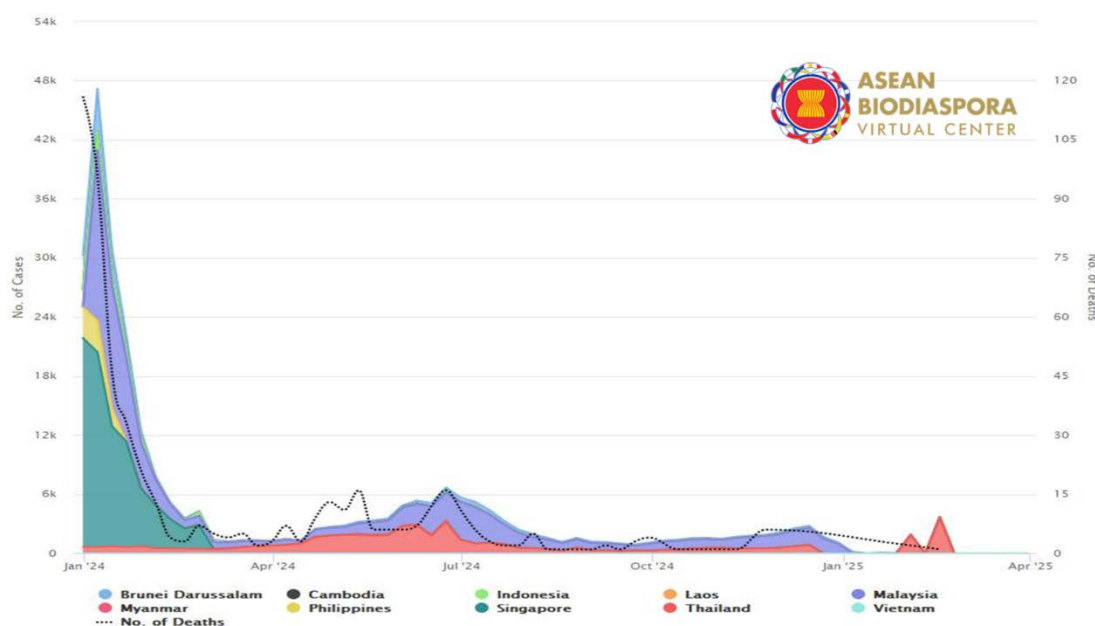
## COVID-19

### Key Findings

- As of 19 April 2025 (5PM, GMT+7), there were **704,884,120** confirmed cases **worldwide**, including **7,010,838 deaths**. Globally, the Case Fatality Rate (CFR) was **1.00%**.
- 37,128,532 total confirmed cases** of COVID-19 have been reported in the **ASEAN Region**.
- The CFR in the **ASEAN Region** was **1.00%**.

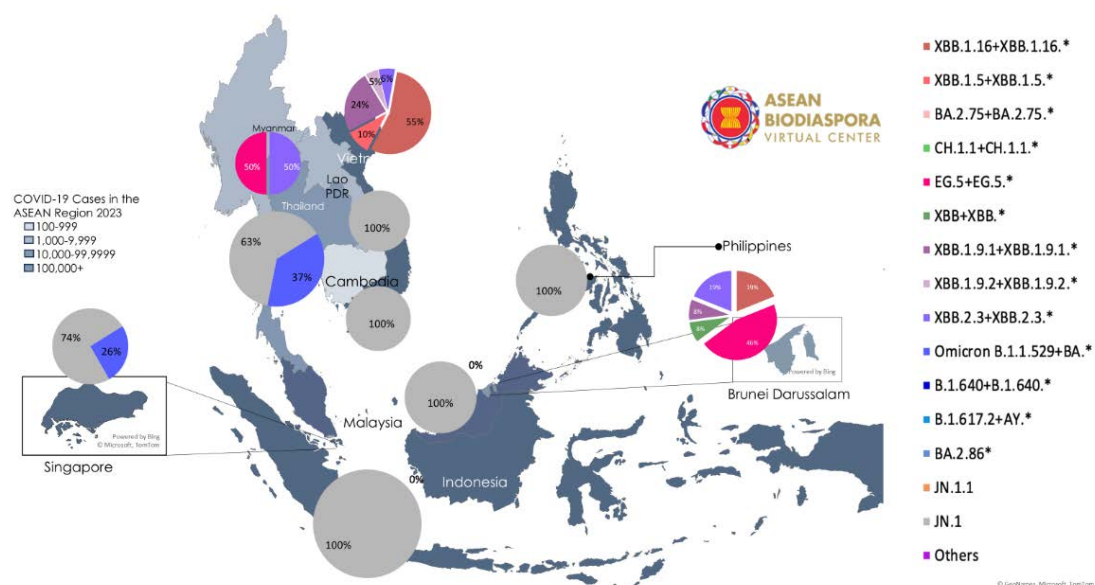
### ASEAN Weekly COVID-19 Cases and Deaths

From January 1, 2024 to April 19, 2025



Source: [Singapore Government and the WHO](#), accessed on April 22, 2025

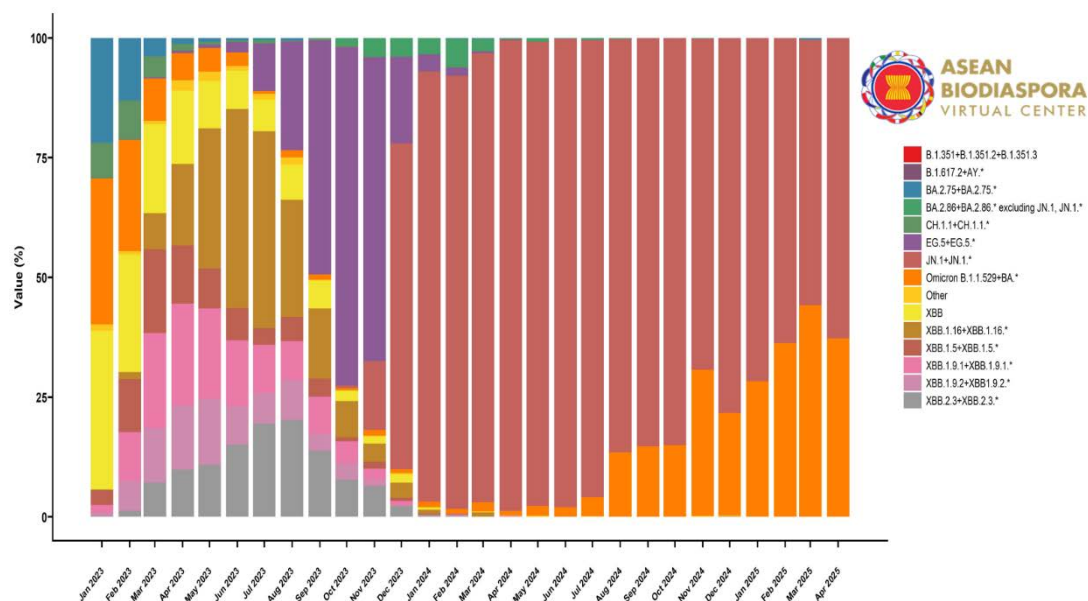
### COVID-19 Variants Frequencies Among the ASEAN Member States In April 2025



Source: GISAID. "hCoV-19 Variants Dashboard," accessed April 22, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

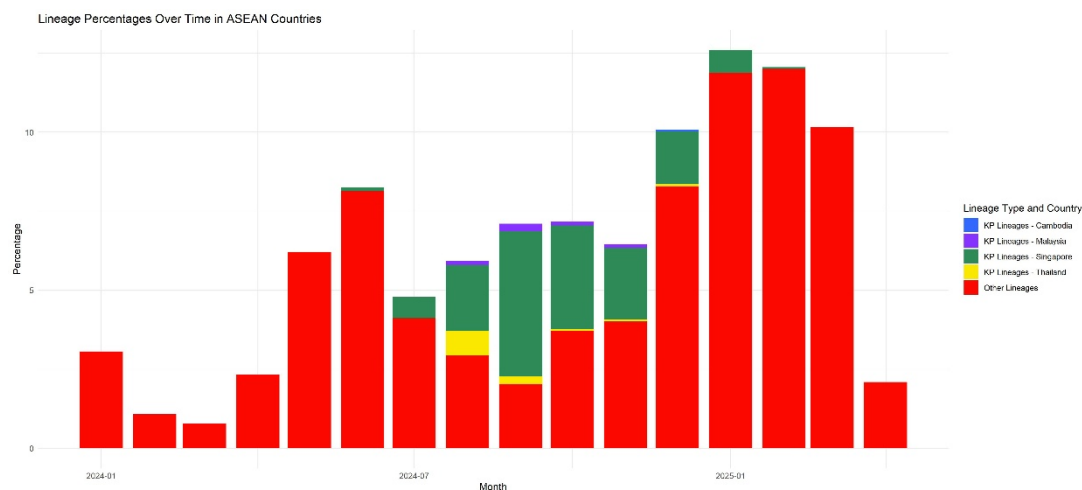


## COVID-19 Variants Frequencies in the ASEAN Region From January 2023 to April 2025



Source: GISAID. "hCoV-19 Variants Dashboard," accessed April 22, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

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



Source: GISAID. "hCoV-19 Variants Dashboard," accessed on April 22, 2025 (<https://gisaid.org/hcov-19-variants-dashboard/>)

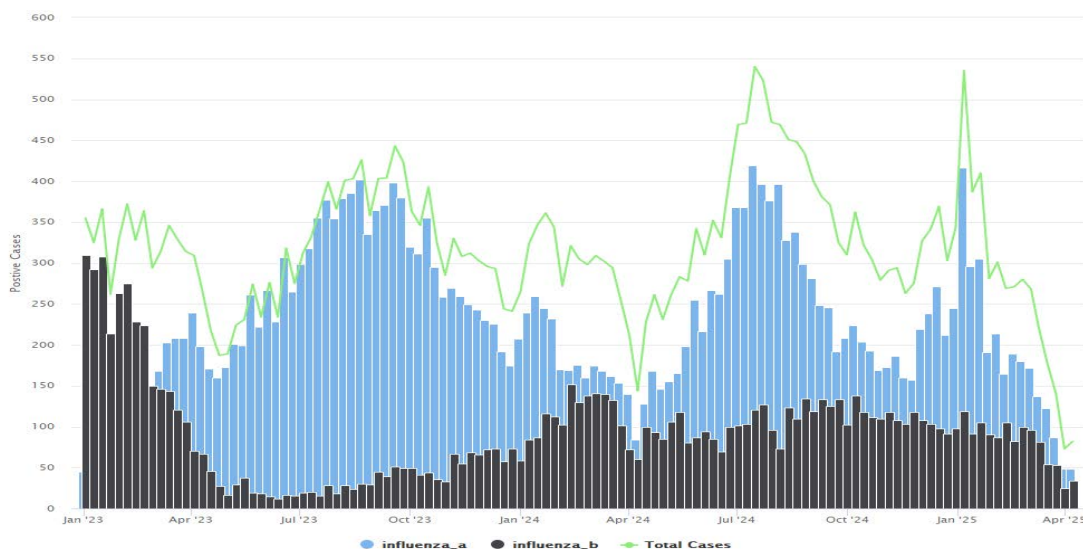
# INFLUENZA

## Key Findings

- Recently, the trend of influenza cases among ASEAN Member States tends to decline, although some countries are experiencing slight increase.
- While influenza-like illness (ILI) and severe acute respiratory infection (SARI) seen slight increase among some ASEAN Member States.

## Trends of Influenza Confirmed Cases in the ASEAN region

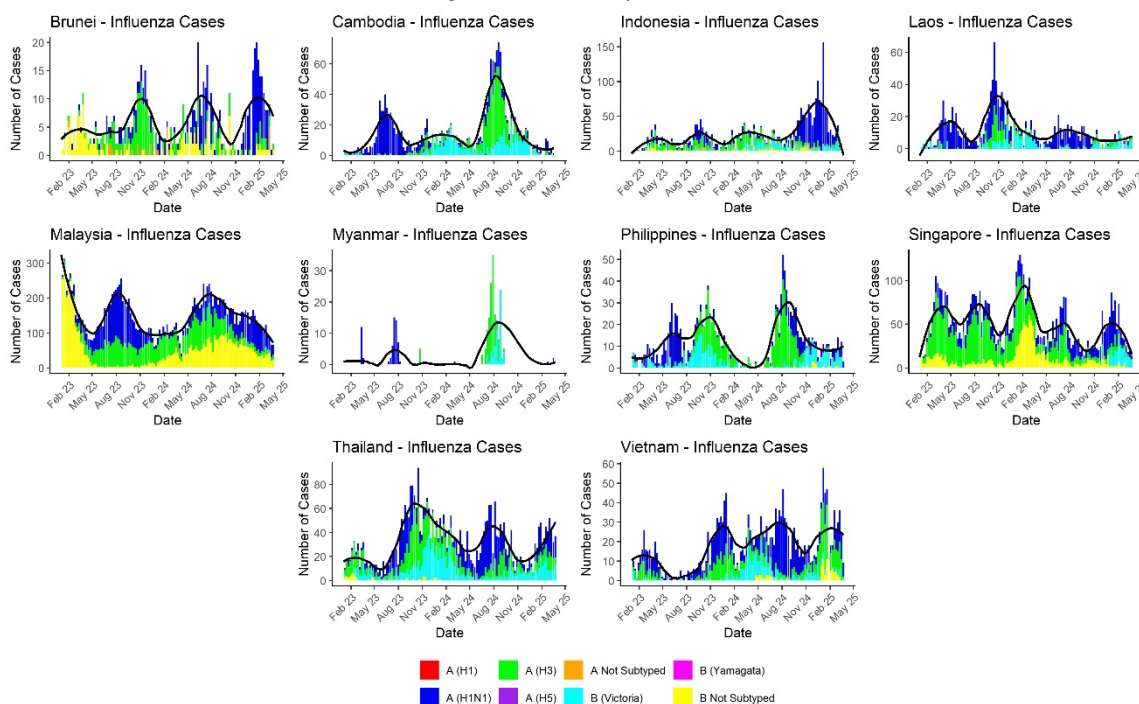
From January 1, 2023 to April 19, 2025



Source: WHO FluNet, accessed on April 22, 2025 (<https://www.who.int/tools/fluNet>)

## Trend of Influenza Cases among ASEAN Member States

January 1, 2023 to April 19, 2025

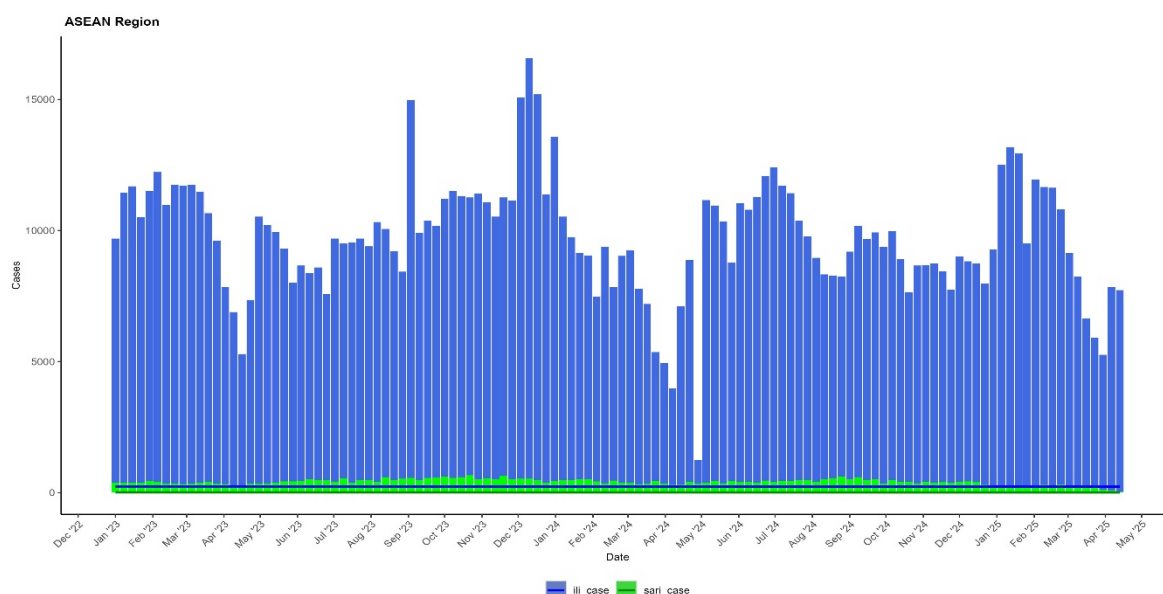


Source: WHO FluNet, accessed on April 22, 2025 (<https://www.who.int/tools/fluNet>)



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

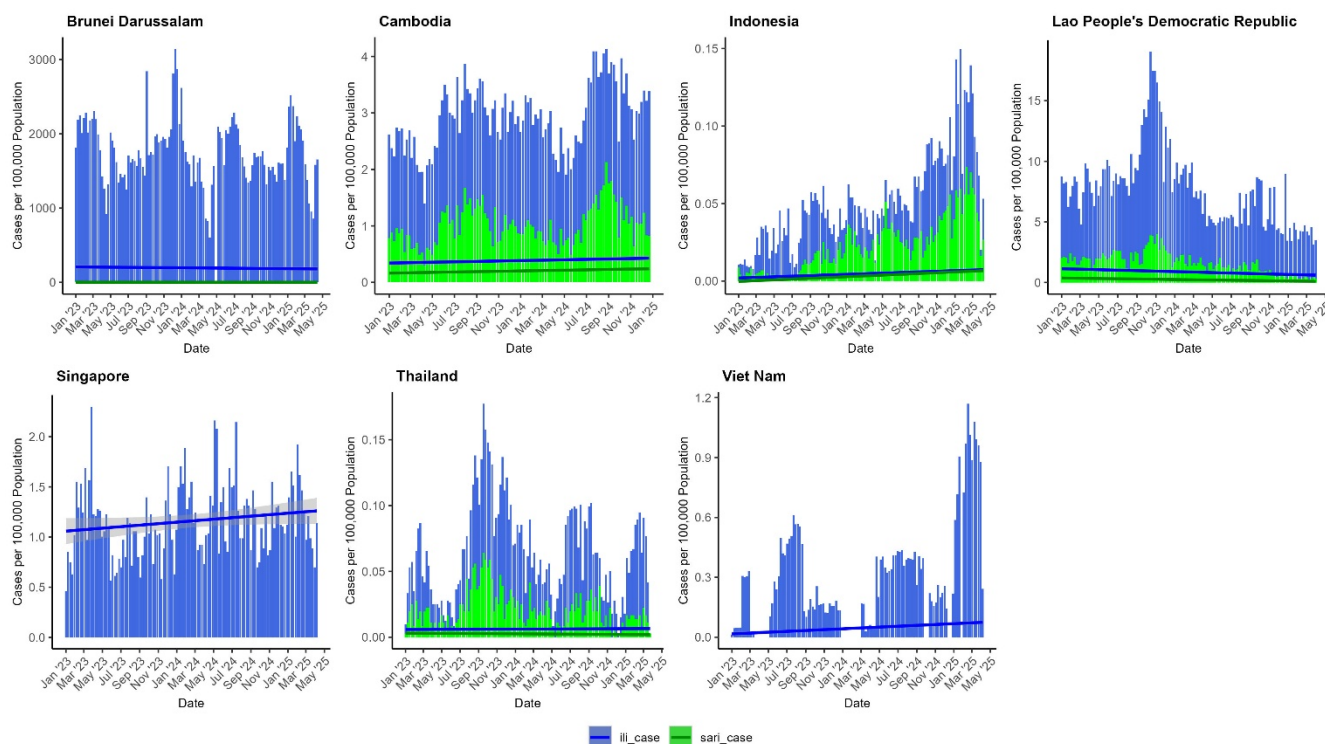
January 1, 2023 to April 19, 2025



Source: WHO FluID, accessed April 22, 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 April 19, 2025



Source: WHO FluID, accessed April 22, 2025 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-outputs>)

# Zoonosis





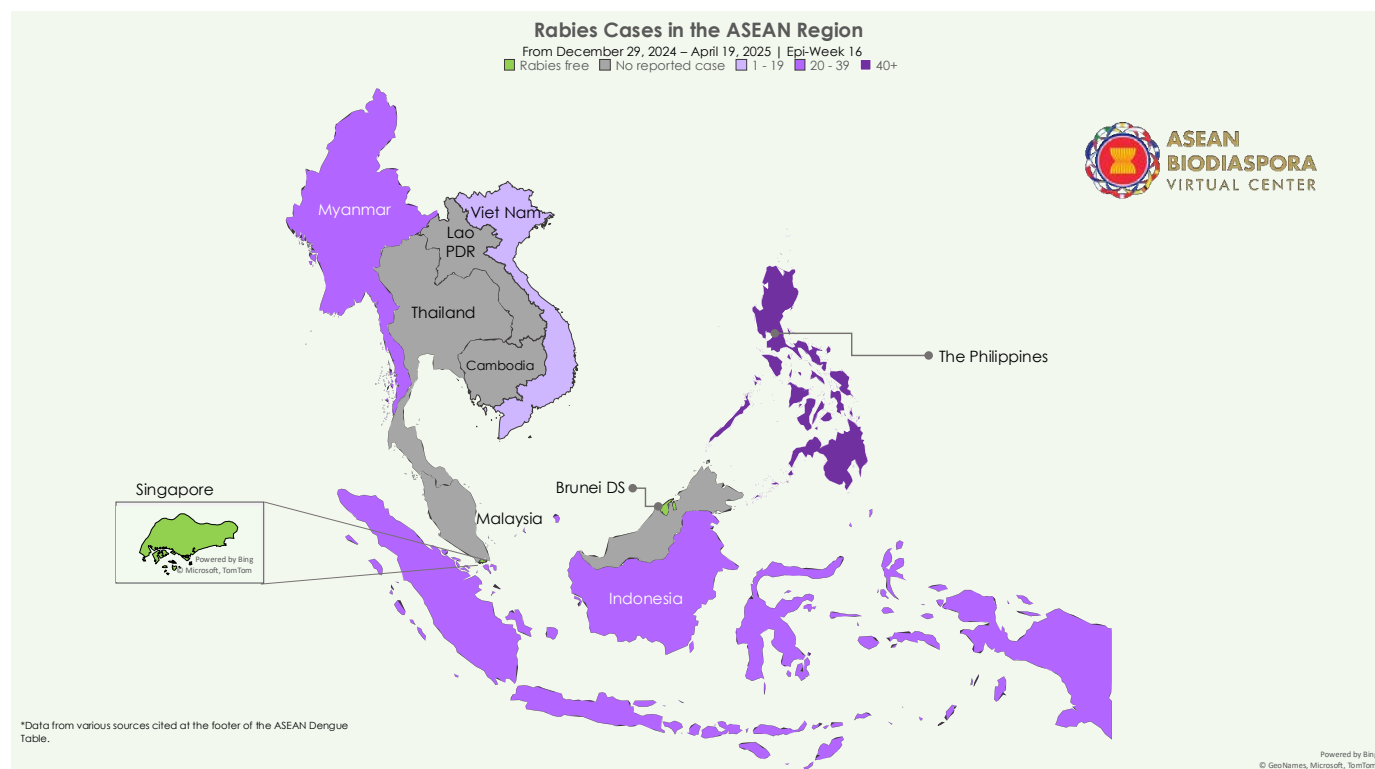
# RABIES

## Rabies Cases in the ASEAN Region

From December 29, 2024 to April 19, 2025 (Epi-Week 16, 2025)

### Key Findings

- The **ASEAN** region reported **three** new rabies cases in Epiweek 16, 2025.
- Up to April 19, 2025, the region reported **141** 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>			<a href="#">Rabies-free country</a>		
<b>Cambodia</b>	-	-	-	-	-
<b>Indonesia<sup>1</sup></b>	Week 14	39	-	39	100%
<b>Lao PDR</b>	-	-	-	-	-
<b>Malaysia<sup>2</sup></b>	-	-	-	-	-
<b>Myanmar<sup>3</sup></b>	Week 16	35	2	35	100%
<b>Philippines<sup>2</sup></b>	Week 9	55	-	55	100%
<b>Singapore</b>			<a href="#">Rabies-free country</a>		
<b>Thailand</b>	-	-	-	-	-
<b>Viet Nam<sup>2</sup></b>	Week 16	12	1	12	100%
<b>Total</b>		<b>139</b>	<b>3</b>	<b>139</b>	<b>100%</b>

Source:

- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed April 22, 2025 (<https://portal.bluedot.global/>)
- Department of Public Health, Ministry of Health, Myanmar

# Vector-Borne Diseases





# DENGUE

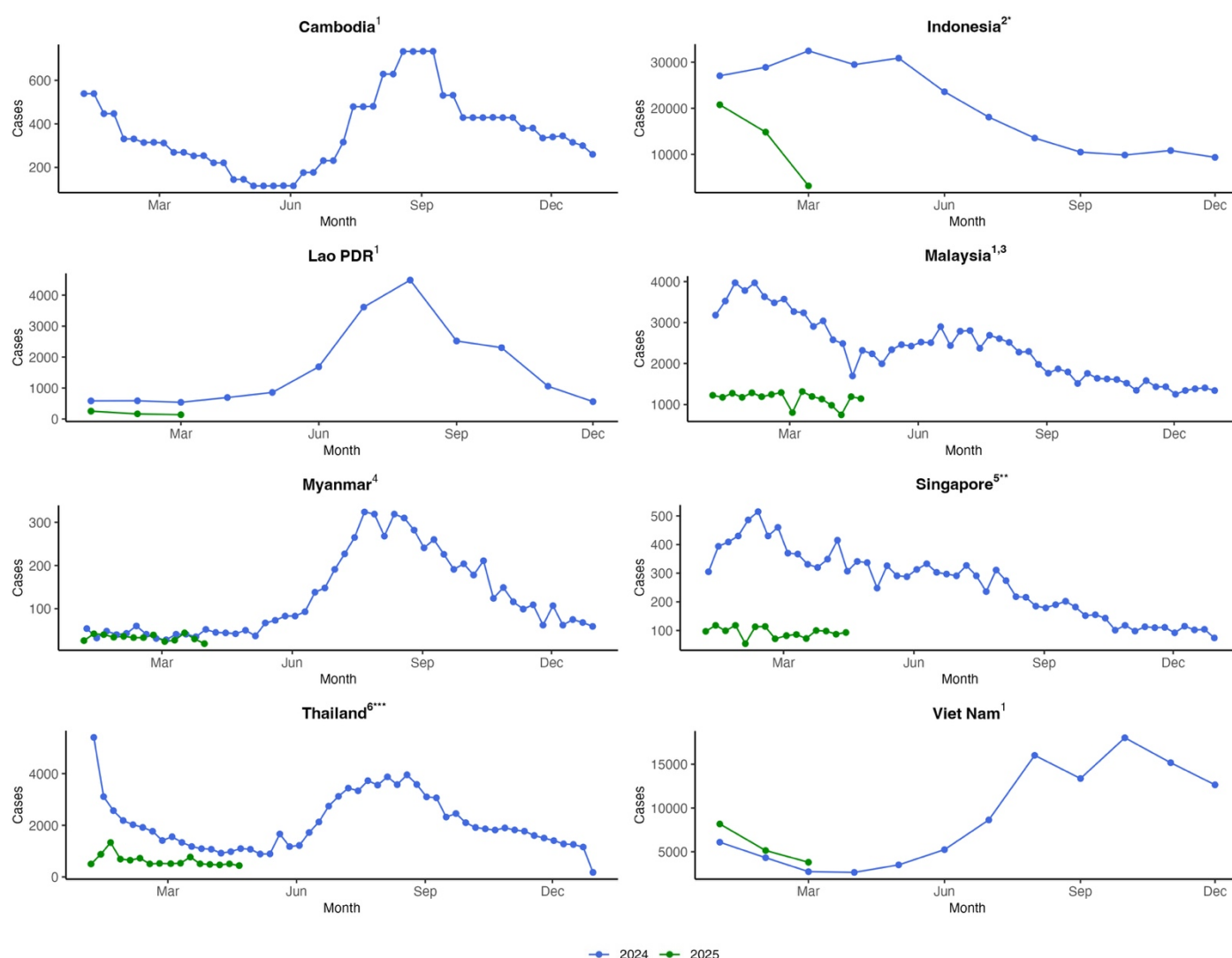
## Dengue Cases in the ASEAN Region

From December 29, 2024 to April 19, 2025 (Epi-Week 16, 2025)

### Key Findings

- The **ASEAN** region reported **1,706** new dengue cases in Epiweek 16, 2025.
- Up to April 19, 2025, the region reported **86,651** total cases and **207** total deaths with **0.24% 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 April 19, 2025.

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



Source:

1. WHO WPRO, "Dengue," World Health Organization, accessed April 22, 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 April 22, 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 April 22, 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 April 22, 2025, ([https://dvis3.ddc.moph.go.th/t/DDC\\_CENTER\\_DOE/views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y](https://dvis3.ddc.moph.go.th/t/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

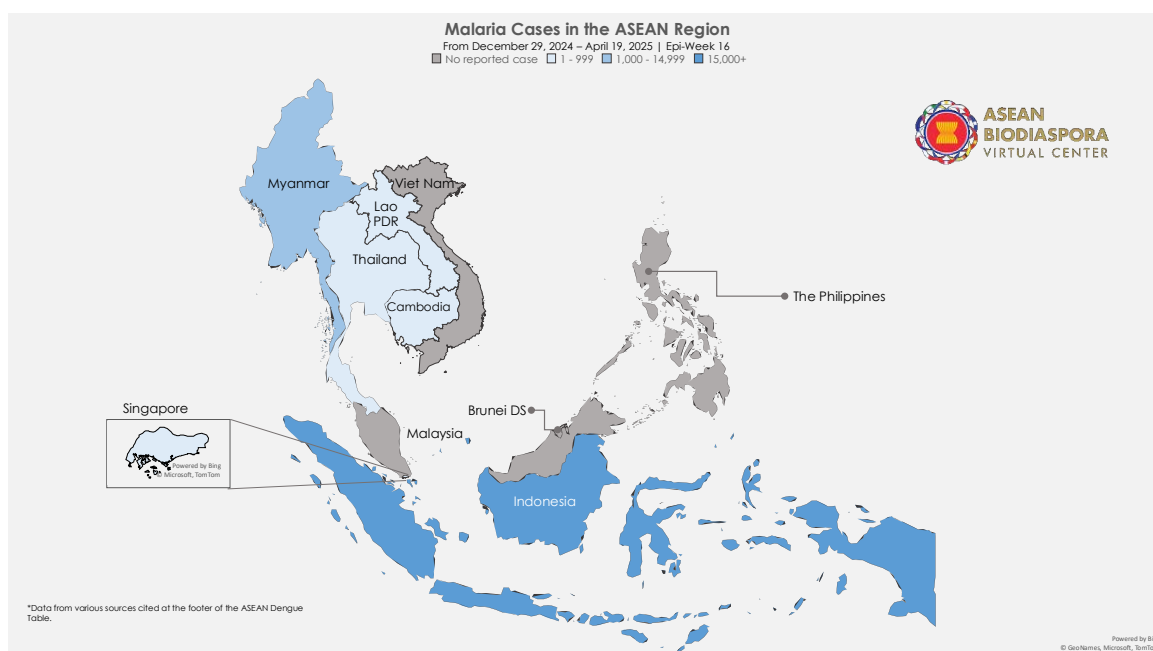
# MALARIA

## Malaria Cases in the ASEAN Region

From December 29, 2024 to April 19, 2025 (Epi-Week 16, 2025)

### Key Findings

- The **ASEAN** region reported **13,305** new malaria cases in Epiweek 16, 2025.
- Up to April 19, 2025, the region reported **188,712** total cases and **11** total deaths with **0.01%** 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 16	204	0	0	0.00%
<b>Indonesia<sup>2</sup></b>	Week 16	161,378	11,881	11	0.01%
<b>Lao PDR<sup>3</sup></b>	Week 16	672	63	0	0.00%
<b>Malaysia</b>	-	-	-	-	-
<b>Myanmar<sup>4</sup></b>	Week 14	25,799	1,385	0	0.00%
<b>Philippines</b>	-	-	-	-	-
<b>Singapore<sup>5</sup></b>	Week 15	10	0	0	0.00%
<b>Thailand<sup>6</sup></b>	Week 16	649	80	0	0.00%
<b>Viet Nam</b>	-	-	-	-	-
<b>Total</b>		<b>188,712</b>	<b>13,305</b>	<b>11</b>	<b>0.01%</b>

Source:

- Cambodia National Malaria Center, accessed April 22, 2025 (<https://mis.cnm.gov.kh/Dashboard>)
- Malaria Cases in Indonesia, accessed April 22, 2025 (<https://malaria.kemkes.go.id/case>)
- Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed April 22, 2025 (<https://www.facebook.com/CCEH.MoH.Lao/>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health Singapore, accessed April 22, 2025 (<https://www.moh.gov.sg/others/resources-and-statistics/infectious-disease-statistics-2025-weekly-infectious-diseases-bulletin>)
- Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed April 22, 2025 ([https://dvis3.ddc.moph.go.th/DDC\\_CENTER\\_DOE/views/DDS2/sheet337%3Aembed=y&%3AisGuestRedirectFromVizportal=y](https://dvis3.ddc.moph.go.th/DDC_CENTER_DOE/views/DDS2/sheet337%3Aembed=y&%3AisGuestRedirectFromVizportal=y))

# Vaccine- Preventable Diseases

A person wearing a white lab coat is shown from the chest up, holding a small glass vial in their right hand and a syringe in their left hand. They are in the process of drawing a yellowish liquid from the vial into the syringe. The background is a soft-focus clinical setting with blue and white elements. The text 'Vaccine- Preventable Diseases' is overlaid in large white font on the left side of the image.



# MEASLES

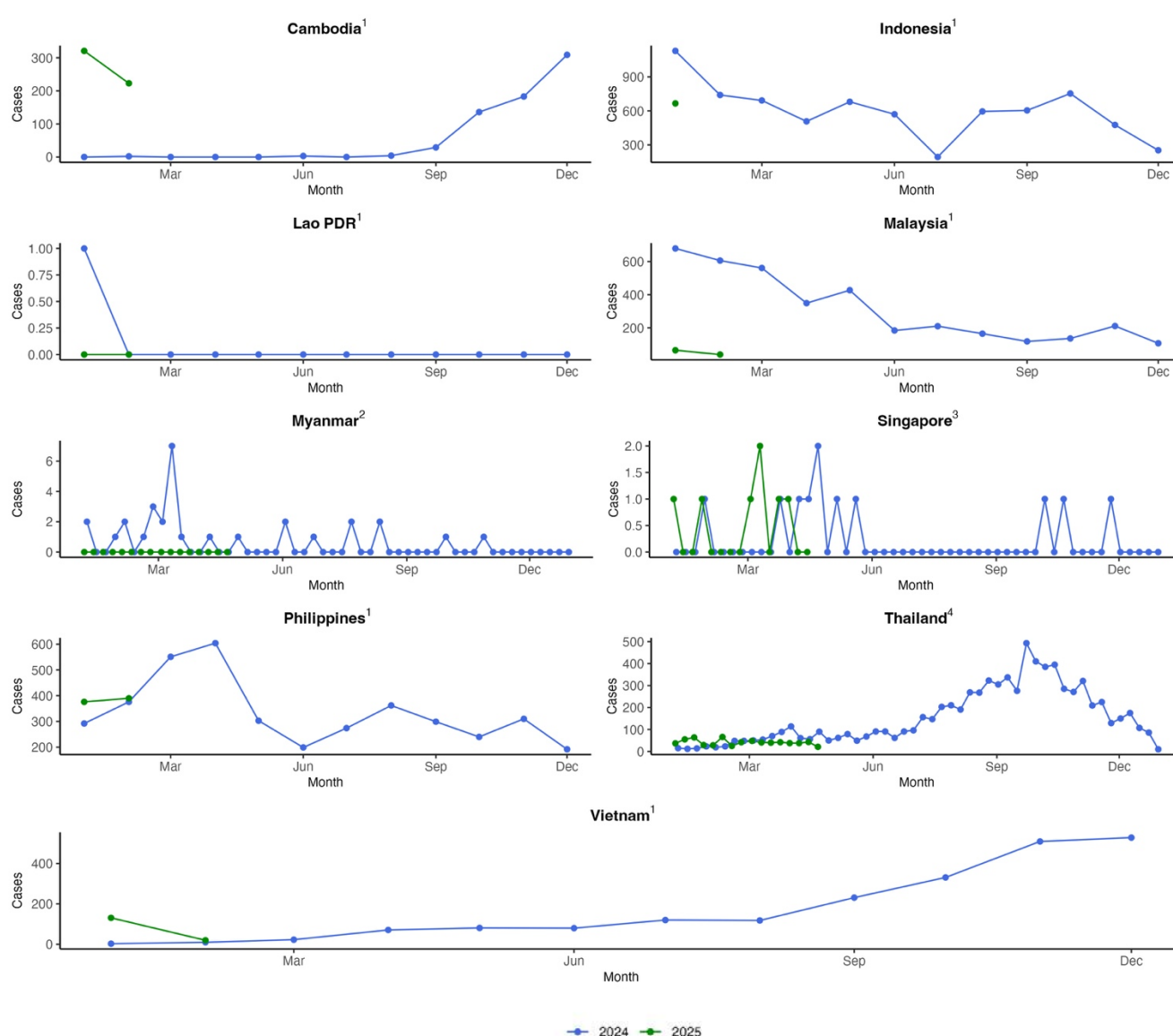
## Measles Cases in the ASEAN Region

From December 29, 2024 to April 19, 2025 (Epi-Week 16, 2025)

### Key Findings

- The **ASEAN** region reported **21** new measles cases in Epiweek 16, 2025.
- Up to April 19, 2025, the region reported **2,885** total cases with **0%** CFR.
- Mostly measles cases in the ASEAN Region slightly decrease compared to the same period on the previous year.

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



Source:

1. Provisional Measles and Rubella Data, World Health Organization, accessed April 22, 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 April 22, 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 April 22, 2025 (<http://doe.moph.go.th/surdata/index.php>)





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