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ASEAN

Morbidity and Mortality Weekly Report (MMWR)

Infectious & Emerging Diseases
in the ASEAN Region

With Support by:



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Prevention Agency



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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. For feedback and/or suggestions, please write to support@biodiaspora.org

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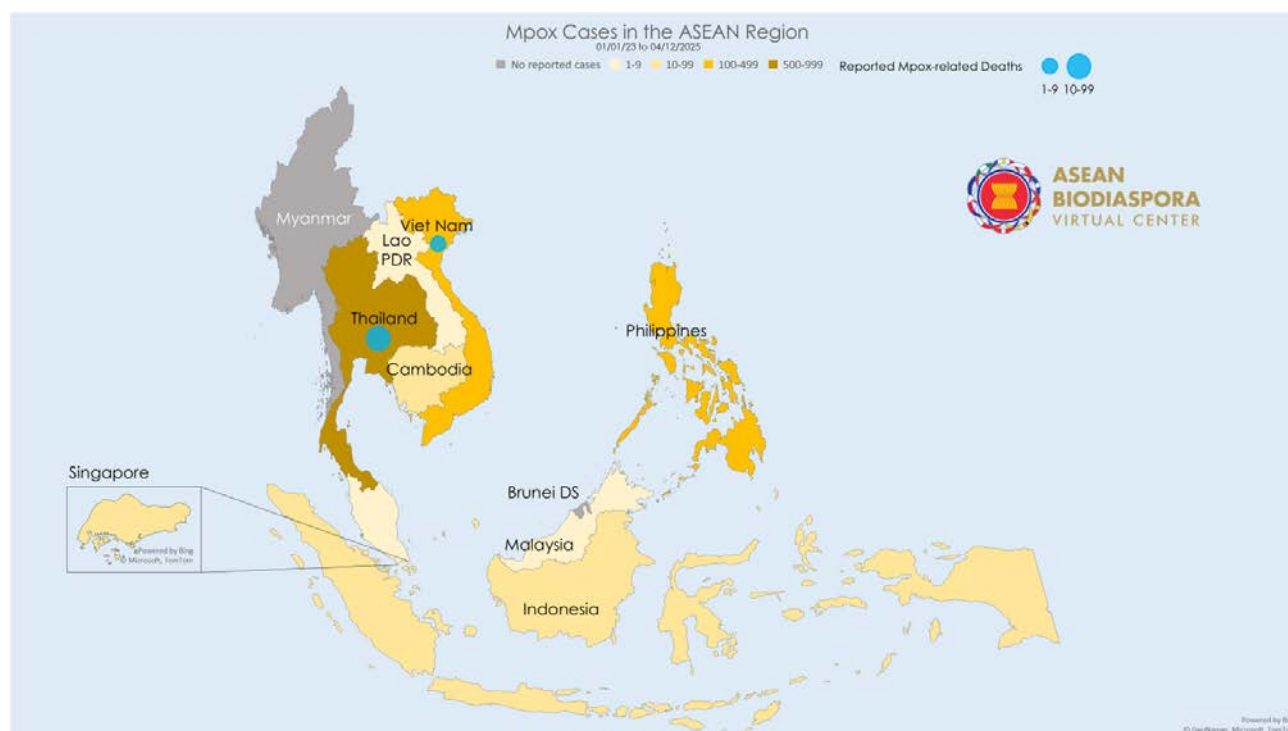
Emerging Diseases

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 12, 2025



Source:

1. Ministry of Health Republic of Indonesia
2. Ministry of Health Singapore, accessed April 15, 2025, <https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>

Key Findings

- From 1 January 2023 to 12 April 2025, **44,137** confirmed cases worldwide since 2023, including **256** deaths. Globally, the CFR was **0.58 %**.
- **1,346 confirmed cases** including **26 deaths** in the **ASEAN** region, with a CFR of **1.93%**.
- **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 Apr. 12, 2025)

| ASEAN Member States | Cumulative Cases 2023-2025 | New Cases Since Previous Report | Cumulative Deaths 2023-2025 | CFR |
|--------------------------------|-------------------------------|------------------------------------|--------------------------------|--------------|
| Cambodia¹ | 20 | 0 | 0 | 0.00% |
| Indonesia² | 87 | 0 | 0 | 0.00% |
| Lao PDR³ | 1 | 0 | 0 | 0.00% |
| Malaysia³ | 12 | 0 | 0 | 0.00% |
| Philippines³ | 104 | 0 | 4 | 3.85% |
| Singapore⁴ | 53 | 0 | 0 | 0.00% |
| Thailand³ | 860 | 0 | 13 | 1.51% |
| Vietnam³ | 209 | 0 | 9 | 4.31% |
| ASEAN Total | 1,346 | 0 | 26 | 1.93% |

Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia
3. WHO Mpox Outbreak: Global Trends, accessed April 15, 2025 (https://worldhealthorg.shinyapps.io/mpox_global/)
4. Ministry of Health Singapore, accessed April 15, 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. 12, 2025)

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

Source: Our World in Data, accessed on April 15, 2025 (<https://ourworldindata.org/monkeypox>)

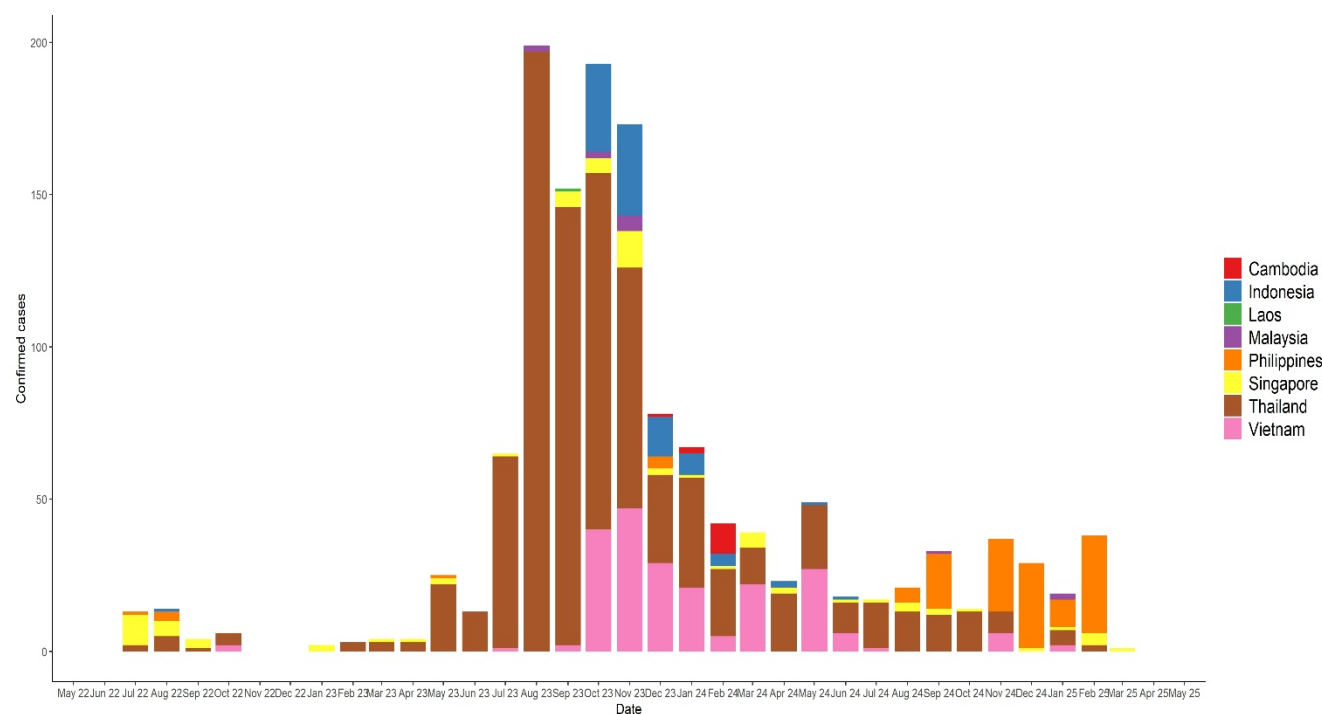
Mpox cases per region (Jan. 1, 2023 to Apr. 12, 2025)

| REGIONS | CUMULATIVE CASES 2023-2025 | NEW CASES SINCE THE PREVIOUS REPORT | CUMULATIVE DEATHS | CFR |
|---------------------------|----------------------------|-------------------------------------|-------------------|--------------|
| AFRICA | 21,893 | 0 | 100 | 0.46% |
| AMERICAS | 10,257 | 0 | 99 | 0.97% |
| ASEAN | 1,346 | 0 | 23 | 1.71% |
| ASIA & OCEANIA | 7,143 | 0 | 30 | 0.42% |
| EUROPE | 3,498 | 0 | 4 | 0.11% |
| TOTAL | 44,137 | 0 | 256 | 0.58% |

Source: Our World in Data, accessed on April 15, 2025 (<https://ourworldindata.org/monkeypox>)

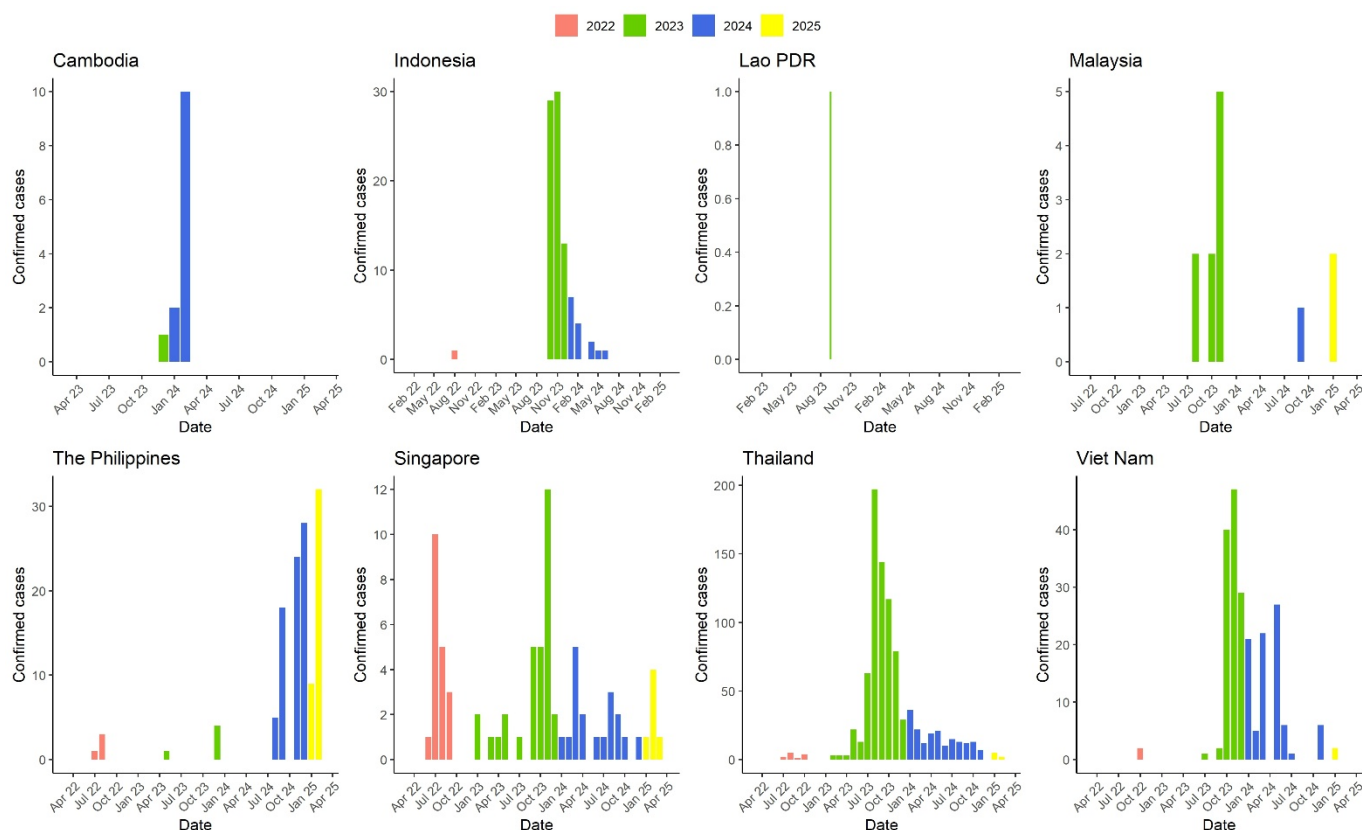
Trend of Mpox Confirmed Cases in the ASEAN Region

January 1, 2022 to April 12, 2025



Source: Our World in Data, accessed on April 15, 2025 (<https://ourworldindata.org/monkeypox>)

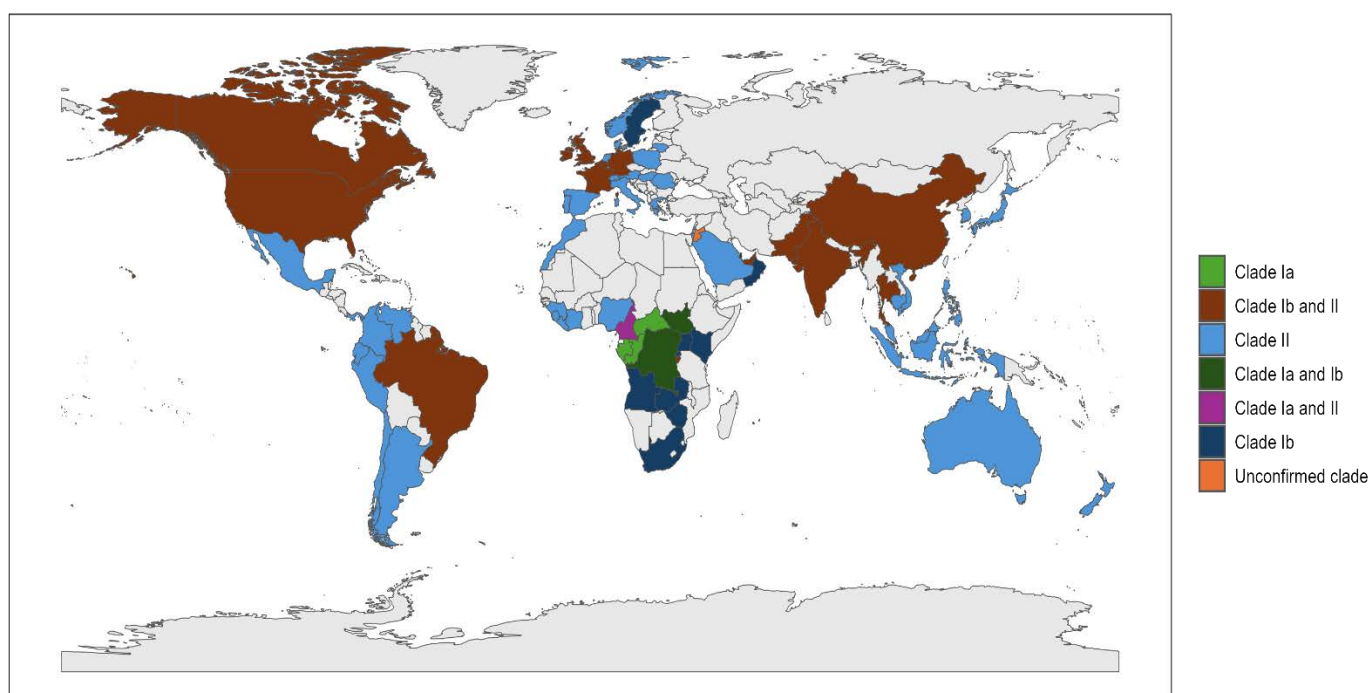
Trend of Mpox Confirmed Cases among ASEAN Member States January 1, 2022 to April 12, 2025



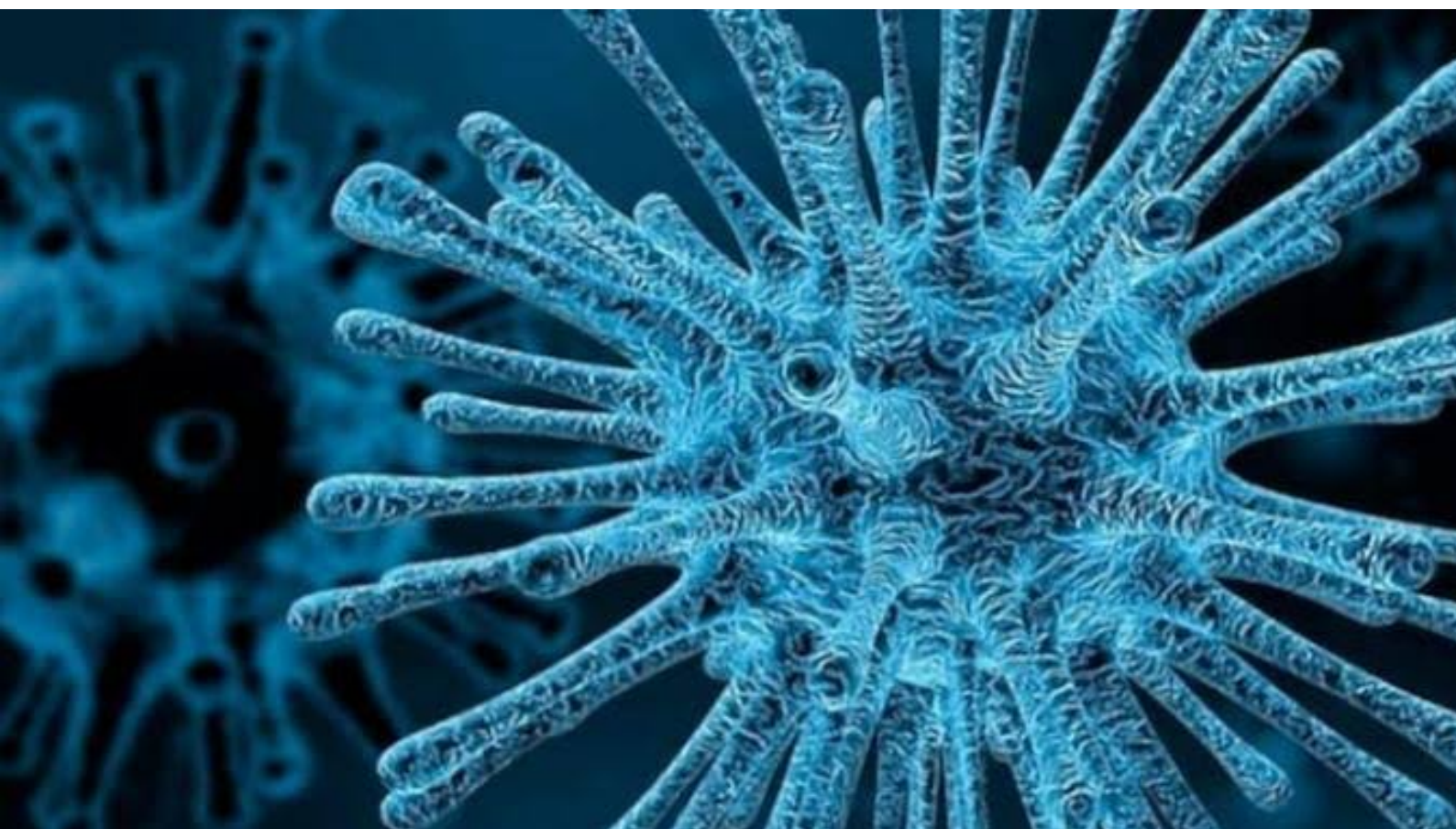
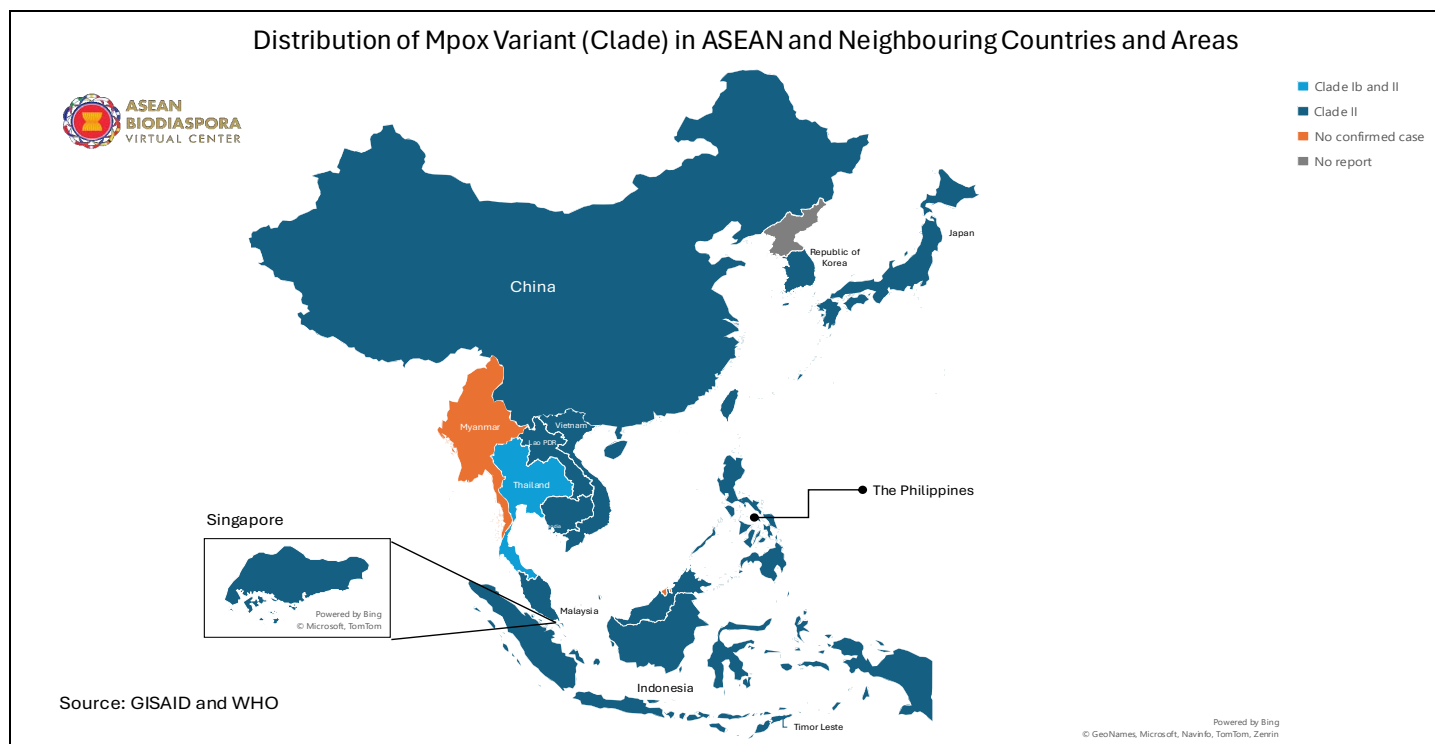
Source: Our World in Data, accessed on April 15, 2025 (<https://ourworldindata.org/monkeypox>)

Distribution of Mpox Variants in The Global As of April 12, 2025

Distribution of Mpox Variant (Clade) in The Global



Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas As of April 12, 2025



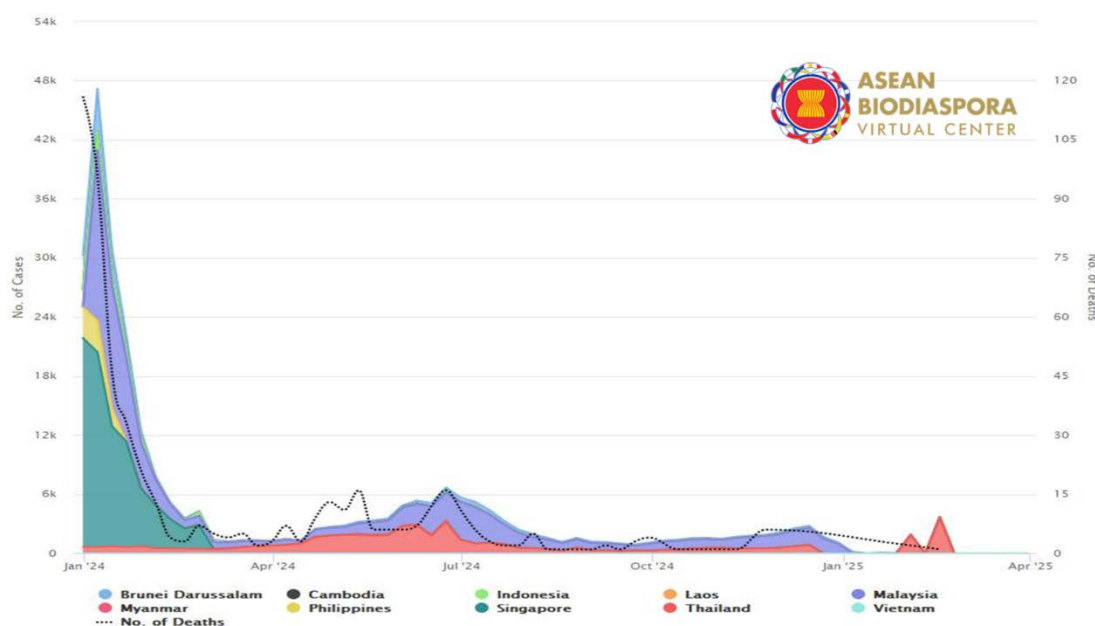
COVID-19

Key Findings

- As of 12 April 2025 (5PM, GMT+7), there were **704,880,223** confirmed cases **worldwide**, including **7,010,838 deaths**. Globally, the Case Fatality Rate (CFR) was **1.00%**.
- 37,124,635 total confirmed cases** of COVID-19 have been reported in the **ASEAN Region**.
- The CFR in the **ASEAN Region** was **1.00%**.

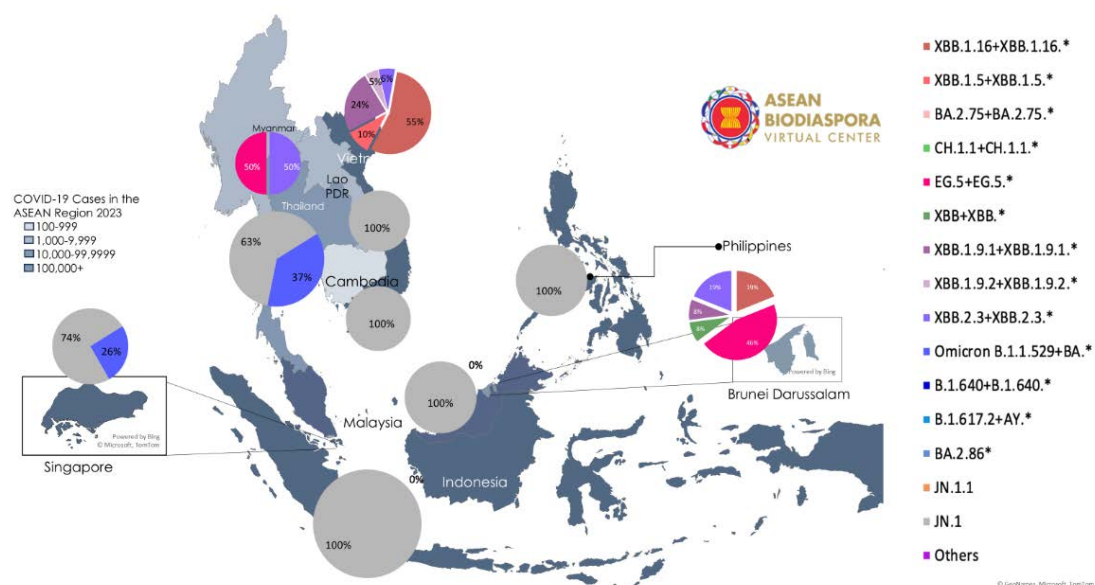
ASEAN Weekly COVID-19 Cases and Deaths

From January 1, 2024 to April 12, 2025



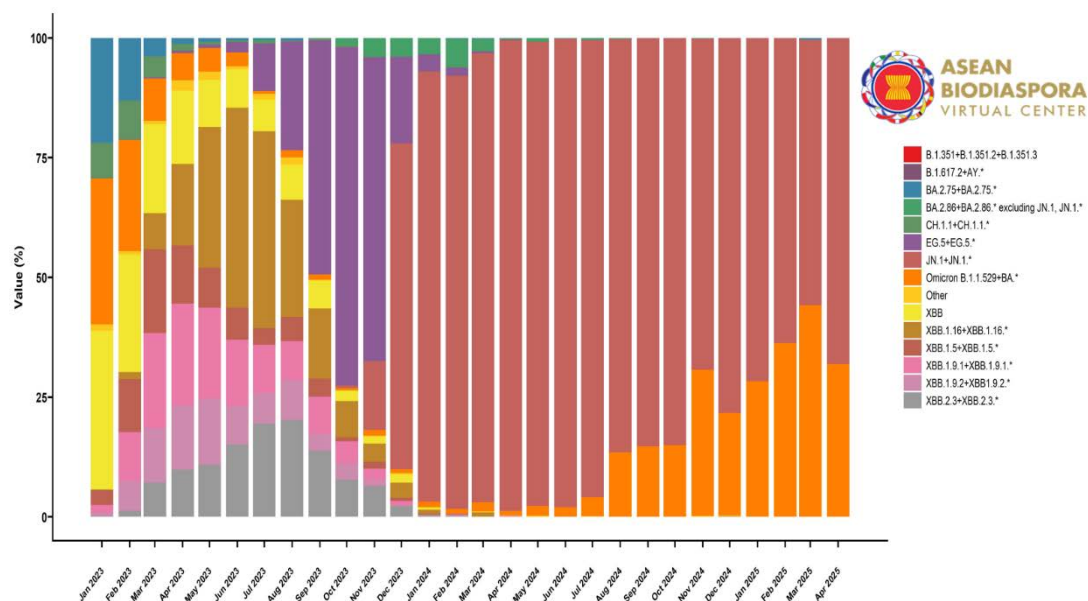
Source: [Singapore Government and the WHO](#), accessed on April 15, 2025

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



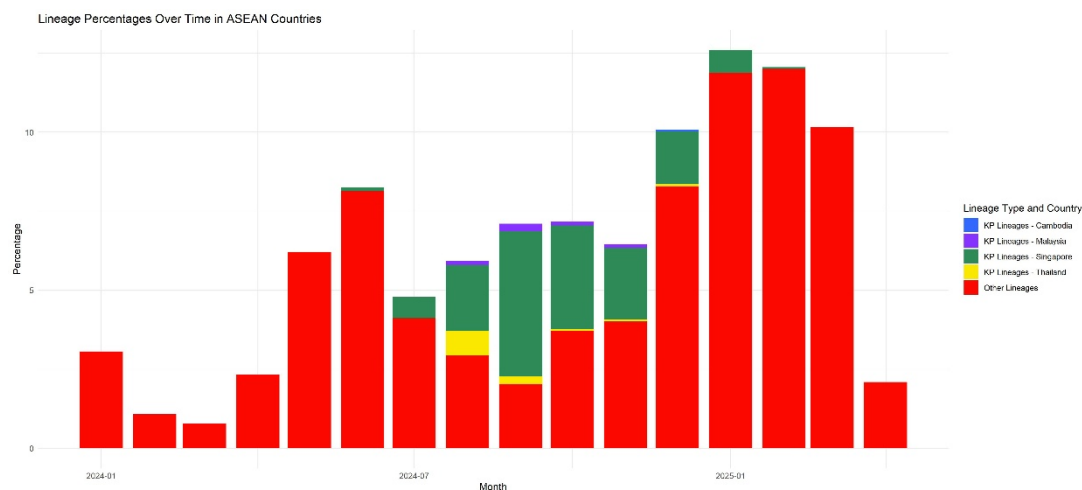
Source: GISAID. "hCoV-19 Variants Dashboard," accessed April 8, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

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



Source: GISAID. "hCoV-19 Variants Dashboard," accessed April 15, 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 15, 2025 (<https://gisaid.org/hcov-19-variants-dashboard/>)

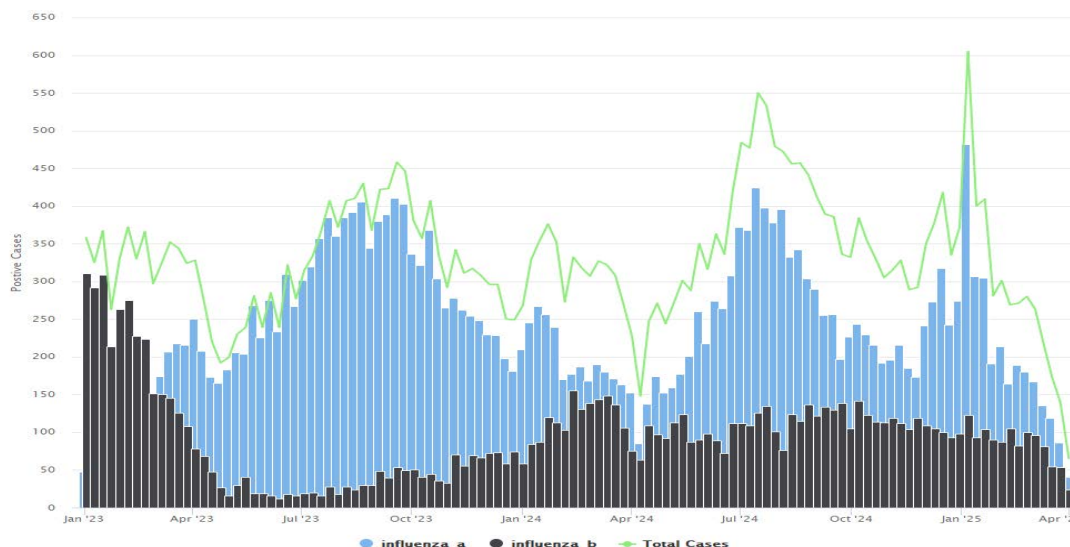
INFLUENZA

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

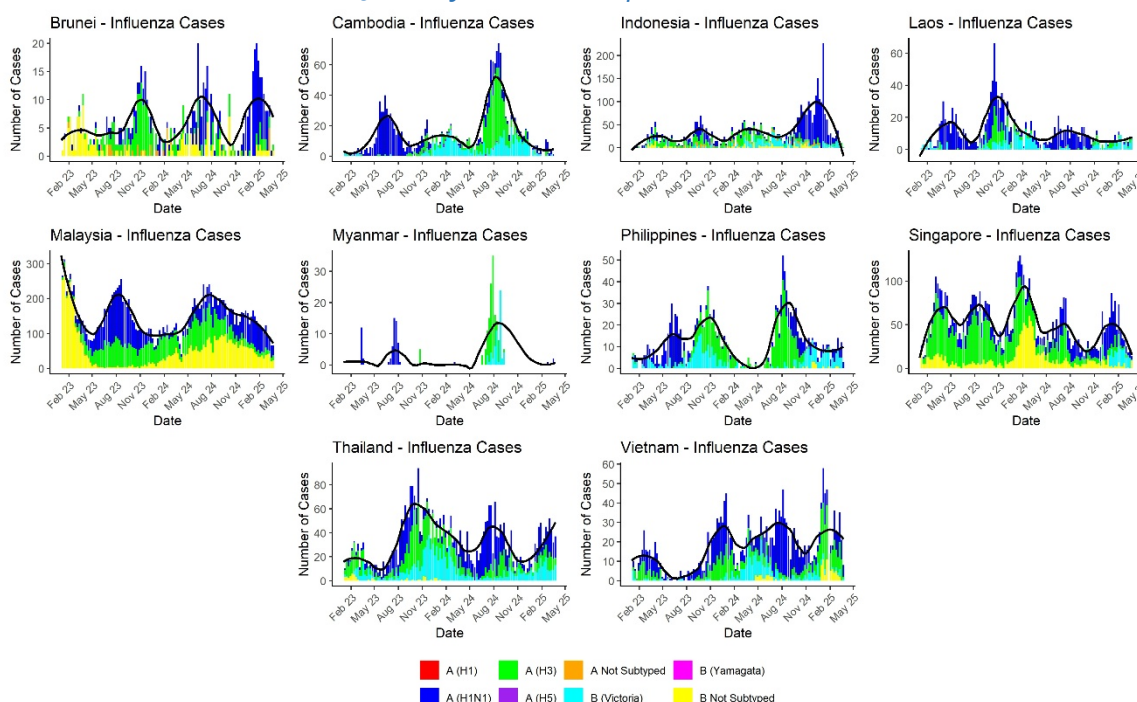
From January 1, 2023 to April 12, 2025



Source: WHO FluNet, accessed on April 15, 2025 (<https://www.who.int/tools/fluNet>)

Trend of Influenza Cases among ASEAN Member States

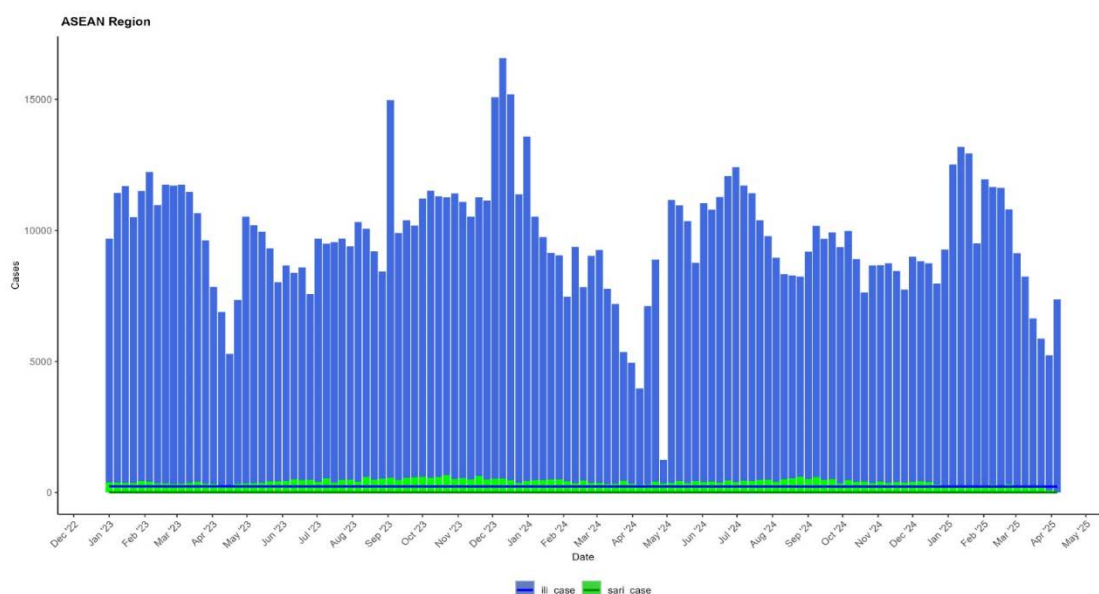
January 1, 2023 to April 12, 2025



Source: WHO FluNet, accessed on April 15, 2025 (<https://www.who.int/tools/fluNet>)

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

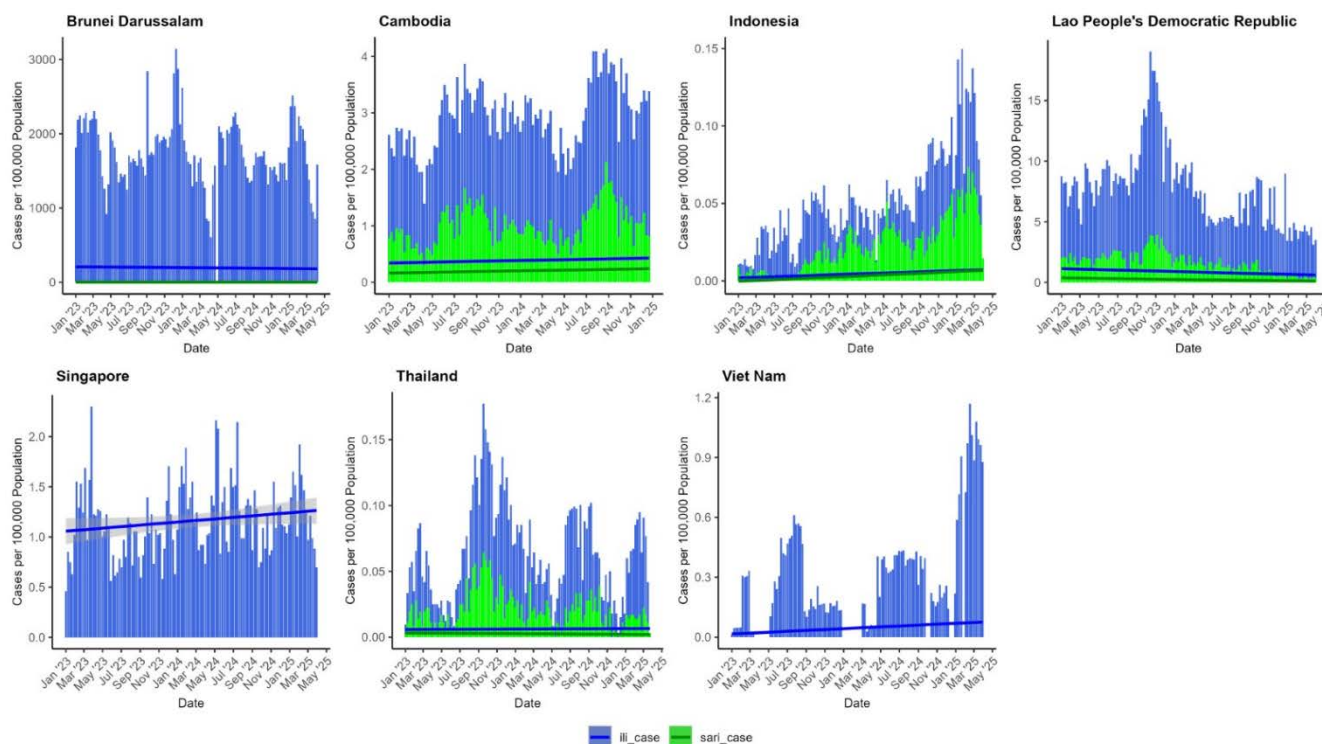
January 1, 2023 to April 12, 2025



Source: WHO FluID, accessed April 15, 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 12, 2025



Source: WHO FluID, accessed April 15, 2025 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-outputs>)

Zoonosis



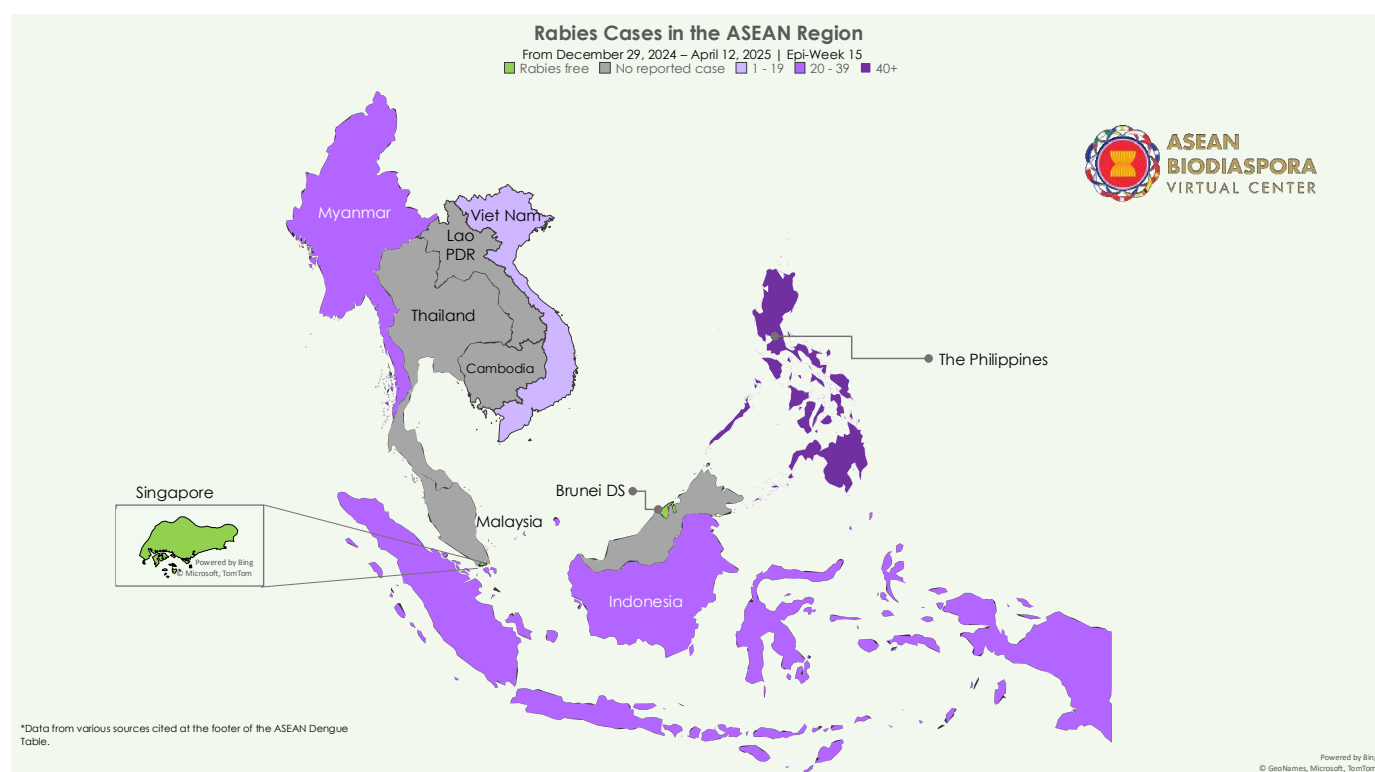
RABIES

Rabies Cases in the ASEAN Region

From December 29, 2024 to April 12, 2025 (Epi-Week 15, 2025)

Key Findings

- The **ASEAN** region reported **three** new rabies cases in Epiweek 15, 2025.
- Up to April 12, 2025, the region reported **139** 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 |
|--------------------------------|-------------------|------------------|-------------------------------------|-------------------|-------------|
| Brunei Darussalam | | | Rabies-free country | | |
| Cambodia | - | - | - | - | - |
| Indonesia¹ | Week 14 | 39 | - | 39 | 100% |
| Lao PDR | - | - | - | - | - |
| Malaysia² | - | - | - | - | - |
| Myanmar³ | Week 15 | 34 | 1 | 34 | 100% |
| Philippines² | Week 9 | 55 | - | 55 | 100% |
| Singapore | | | Rabies-free country | | |
| Thailand | - | - | - | - | - |
| Viet Nam² | Week 15 | 11 | 2 | 11 | 100% |
| Total | | 139 | 3 | 139 | 100% |

Source:

- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed April 14, 2025 (<https://portal.bluedot.global/>)
- Department of Public Health, Ministry of Health, Myanmar

Vector-Borne Diseases



DENGUE

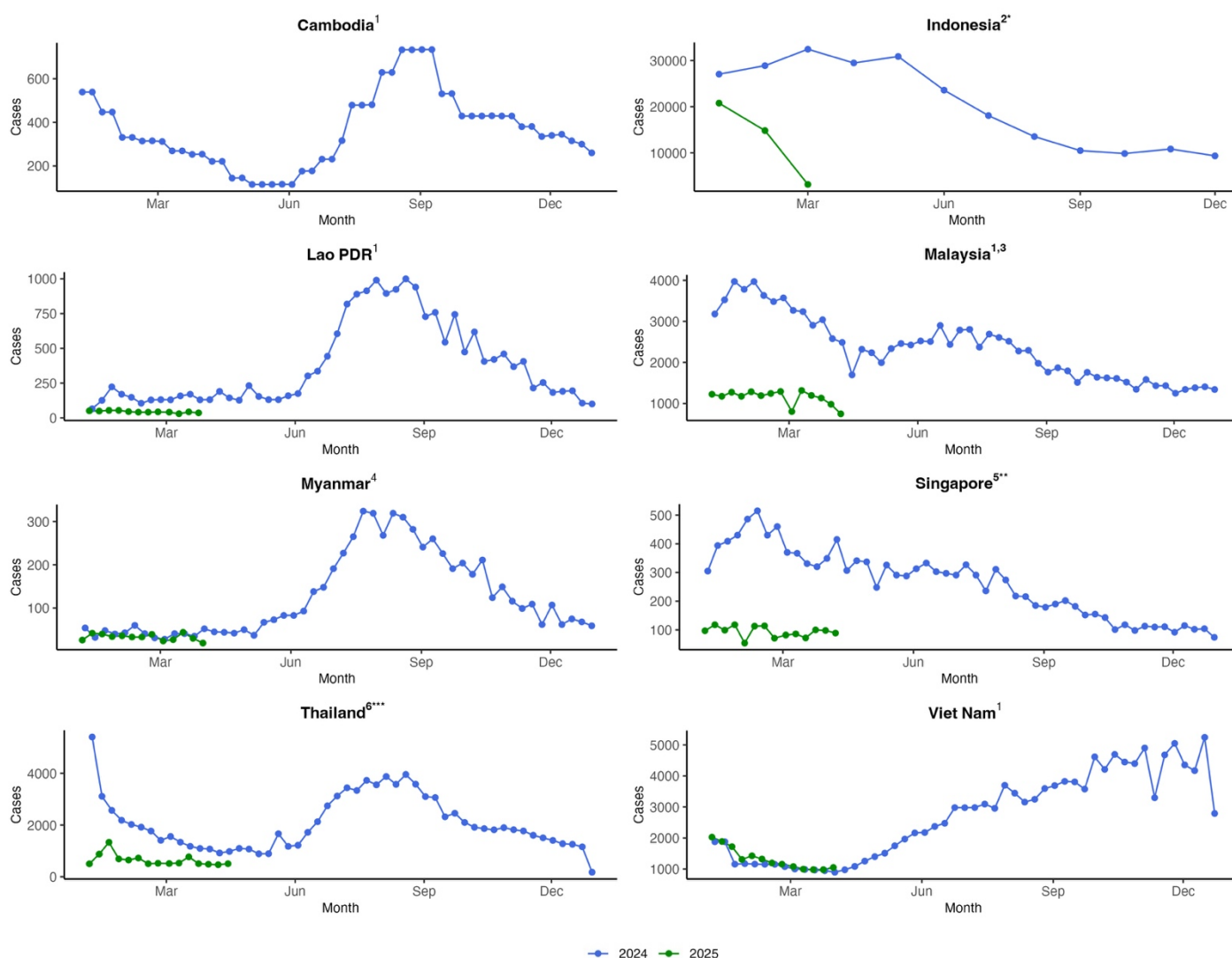
Dengue Cases in the ASEAN Region

From December 29, 2024 to April 12, 2025 (Epi-Week 15, 2025)

Key Findings

- The **ASEAN** region reported **1,805** new dengue cases in Epiweek 15, 2025.
- Up to April 12, 2025, the region reported **84,952** 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 12, 2025.

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



Source:

- WHO WPRO, "Dengue," World Health Organization, accessed April 14, 2025 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
 - Ministry of Health, Republic of Indonesia
 - Senarai Kenyataan Akhbar Demam Denggi dan Chikungunya, Kementerian Kesihatan Malaysia, accessed April 14, 2025(https://www.moh.gov.my/index.php/database_stores/store_view/17)
 - Department of Public Health, Ministry of Health, Myanmar
 - Ministry of Health. "Weekly Infectious Disease Bulletin", accessed April 14, 2025. (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2025/weekly-infectious-diseases-bulletin>)
 - Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed April 14, 2025, (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

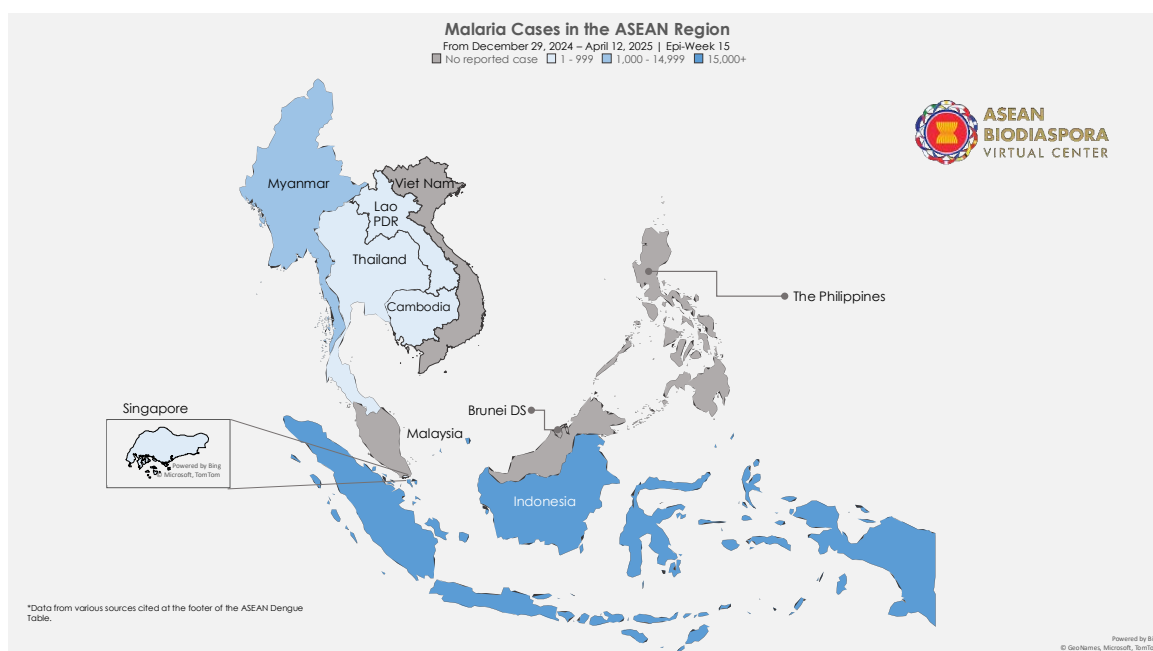
MALARIA

Malaria Cases in the ASEAN Region

From December 29, 2024 to April 12, 2025 (Epi-Week 15, 2025)

Key Findings

- The **ASEAN** region reported **12,733** new malaria cases in Epiweek 15, 2025.
- Up to April 12, 2025, the region reported **175,407** 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 |
|------------------------------|-------------------|------------------|---------------------------|-------------------|--------------|
| Brunei Darussalam | - | - | - | - | - |
| Cambodia¹ | Week 15 | 204 | 0 | 0 | 0.00% |
| Indonesia² | Week 15 | 149,497 | 11,240 | 11 | 0.01% |
| Lao PDR³ | Week 14 | 609 | 53 | 0 | 0.00% |
| Malaysia | - | - | - | - | - |
| Myanmar⁴ | Week 13 | 24,518 | 1,385 | 0 | 0.00% |
| Philippines | - | - | - | - | - |
| Singapore⁵ | Week 14 | 10 | 0 | 0 | 0.00% |
| Thailand⁶ | Week 15 | 569 | 55 | 0 | 0.00% |
| Viet Nam | - | - | - | - | - |
| Total | | 175,407 | 12,733 | 11 | 0.01% |

Source:

- Cambodia National Malaria Center, accessed April 14, 2025 (<https://mis.cnm.gov.kh/Dashboard>)
- Malaria Cases in Indonesia, accessed April 14, 2025 (<https://malaria.kemkes.go.id/case>)
- Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed April 14, 2025 (<https://www.facebook.com/CCEH.MoH.Lao/>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health Singapore, accessed April 14, 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 14, 2025 (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

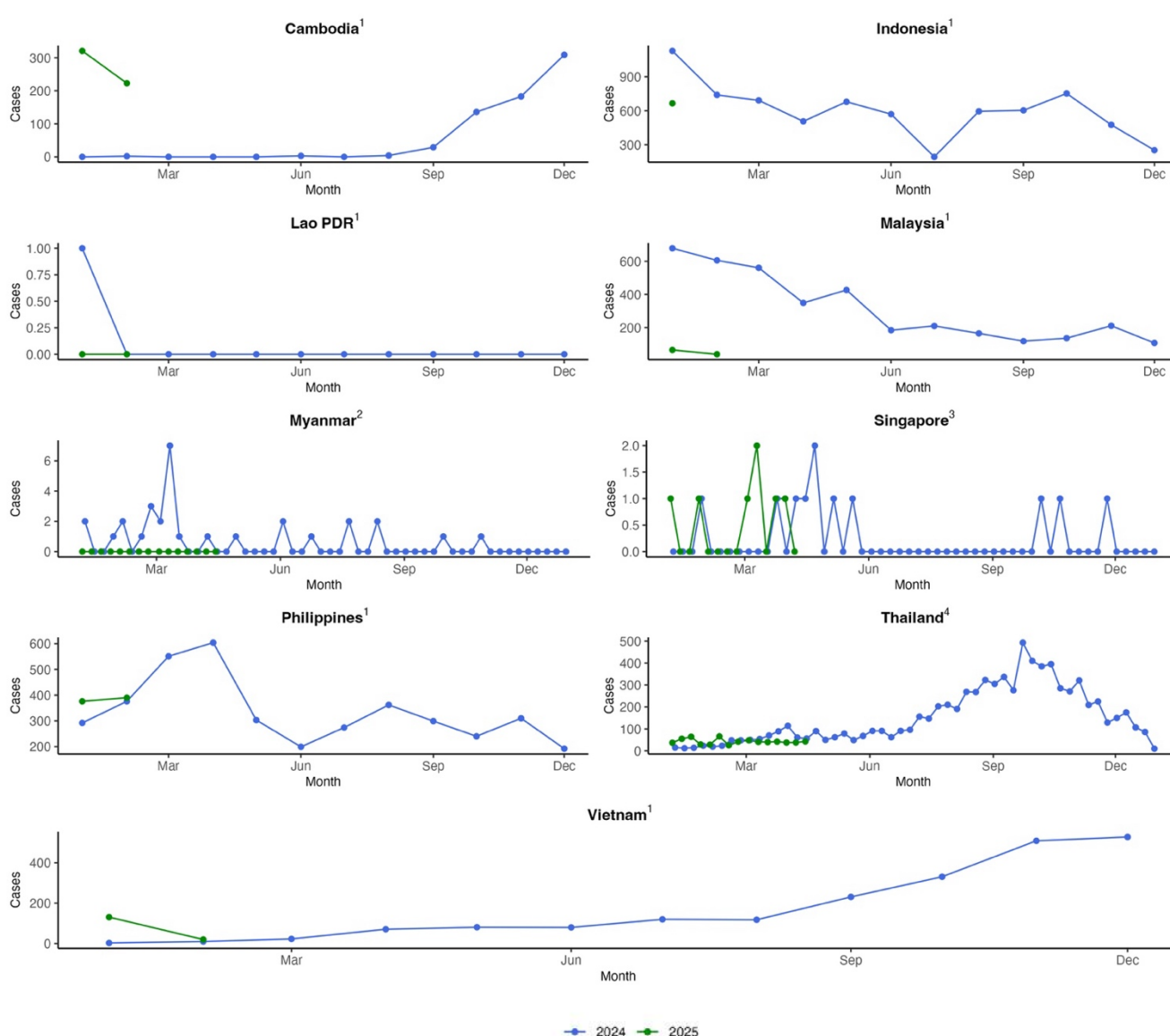
Measles Cases in the ASEAN Region

From December 29, 2024 to April 12, 2025 (Epi-Week 15, 2025)

Key Findings

- The **ASEAN** region reported **715** new measles cases in Epiweek 15, 2025.
- Up to April 12, 2025, the region reported **2,872** 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:

- Provisional Measles and Rubella Data, World Health Organization, accessed April 14, 2025 (<https://immunizationdata.who.int/global?topic=Provisional-measles-and-rubella-data&location=>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health Singapore, accessed April 14, 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 14, 2025 (<http://doe.moph.go.th/surdata/index.php>)



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