



**ASEAN
BIODIASPORA**
VIRTUAL CENTER

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

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

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Supporting Staff

Svetlana Pratiwi, SKM

Divva Kaamila, S.Tr.Kom

Natasha Alicia Putri, S.Tr.Kom

PUBLISHER

ASEAN Biodiaspora Virtual Center

Health Policy and Development Agency

Ministry of Health of Indonesia

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

E-mail: support@biodiaspora.org

Facebook: <https://facebook.com/ASEANBiodiaspora>

Instagram: <https://instagram.com/ASEANBiodiaspora>

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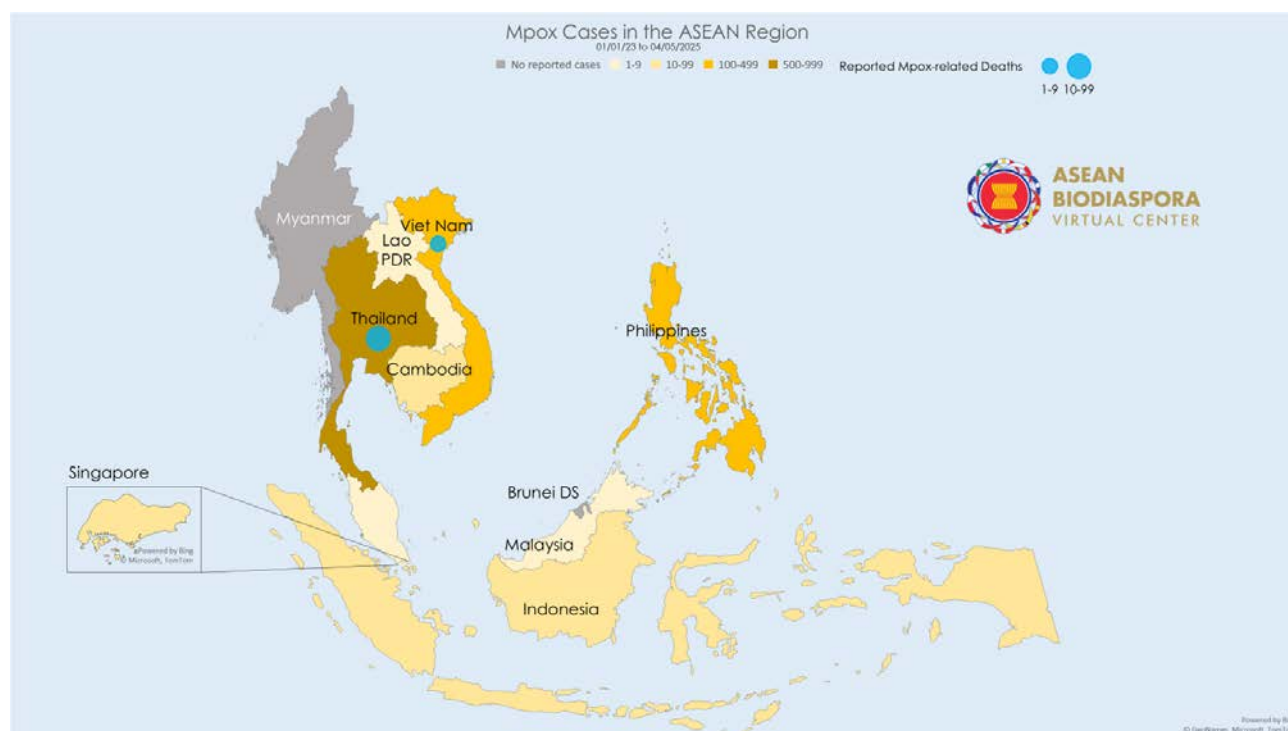
Emerging Diseases

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 5, 2025



Source:

1. Ministry of Health Republic of Indonesia
2. Ministry of Health Singapore, accessed April 8, 2025, <https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>

Key Findings

- From 1 January 2023 to 5 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. 5, 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 8, 2025 (https://worldhealthorg.shinyapps.io/mpox_global/)
4. Ministry of Health Singapore, accessed April 8, 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. 5, 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 8, 2025 (<https://ourworldindata.org/monkeypox>)

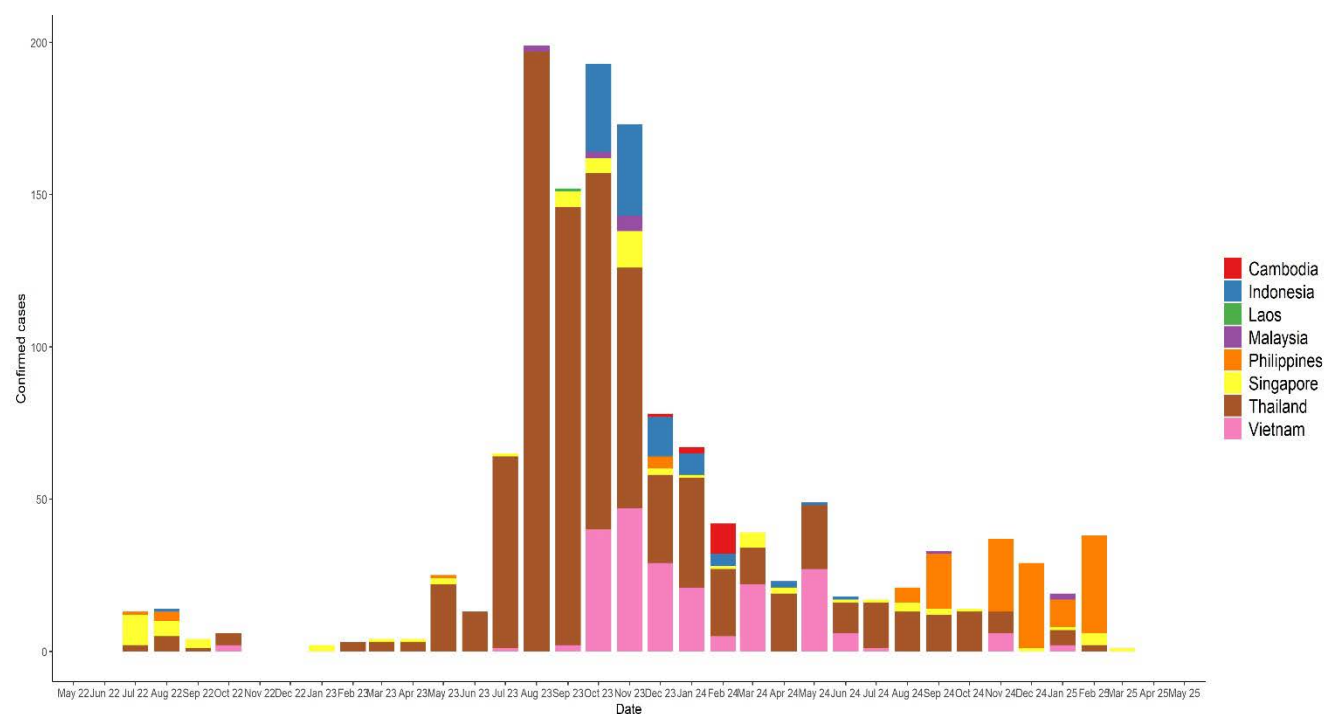
Mpox cases per region (Jan. 1, 2023 to Apr. 5, 2025)

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 8, 2025 (<https://ourworldindata.org/monkeypox>)

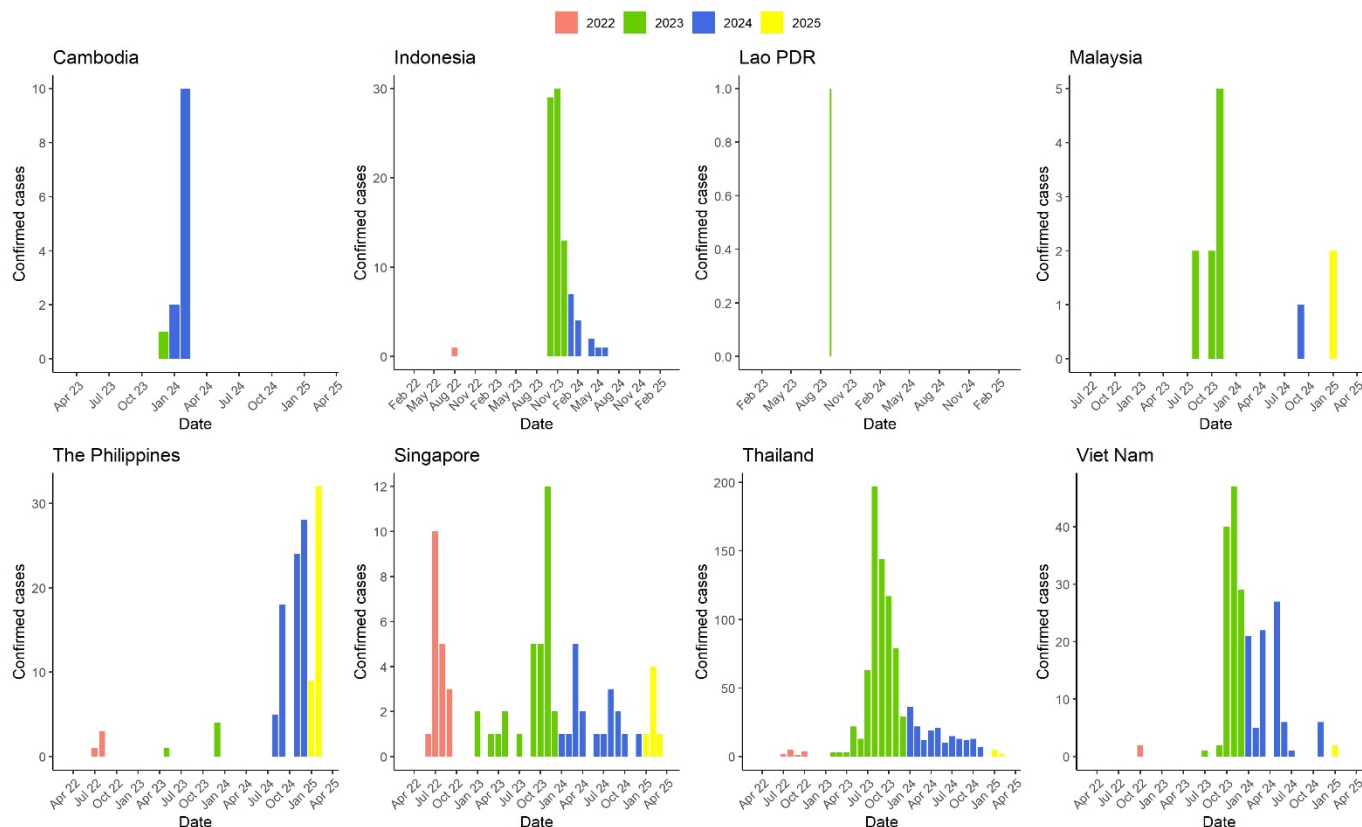
Trend of Mpox Confirmed Cases in the ASEAN Region

January 1, 2022 to April 5, 2025



Source: Our World in Data, accessed on April 8, 2025 (<https://ourworldindata.org/monkeypox>)

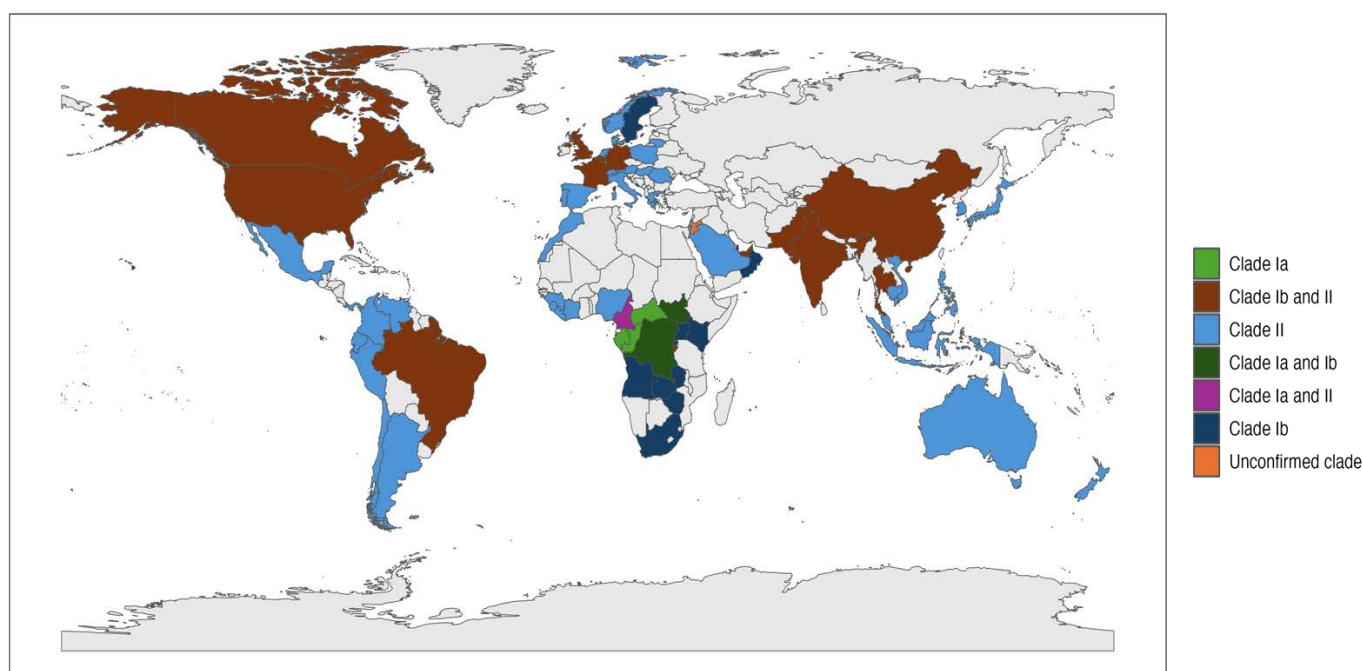
Trend of Mpox Confirmed Cases among ASEAN Member States January 1, 2022 to April 5, 2025



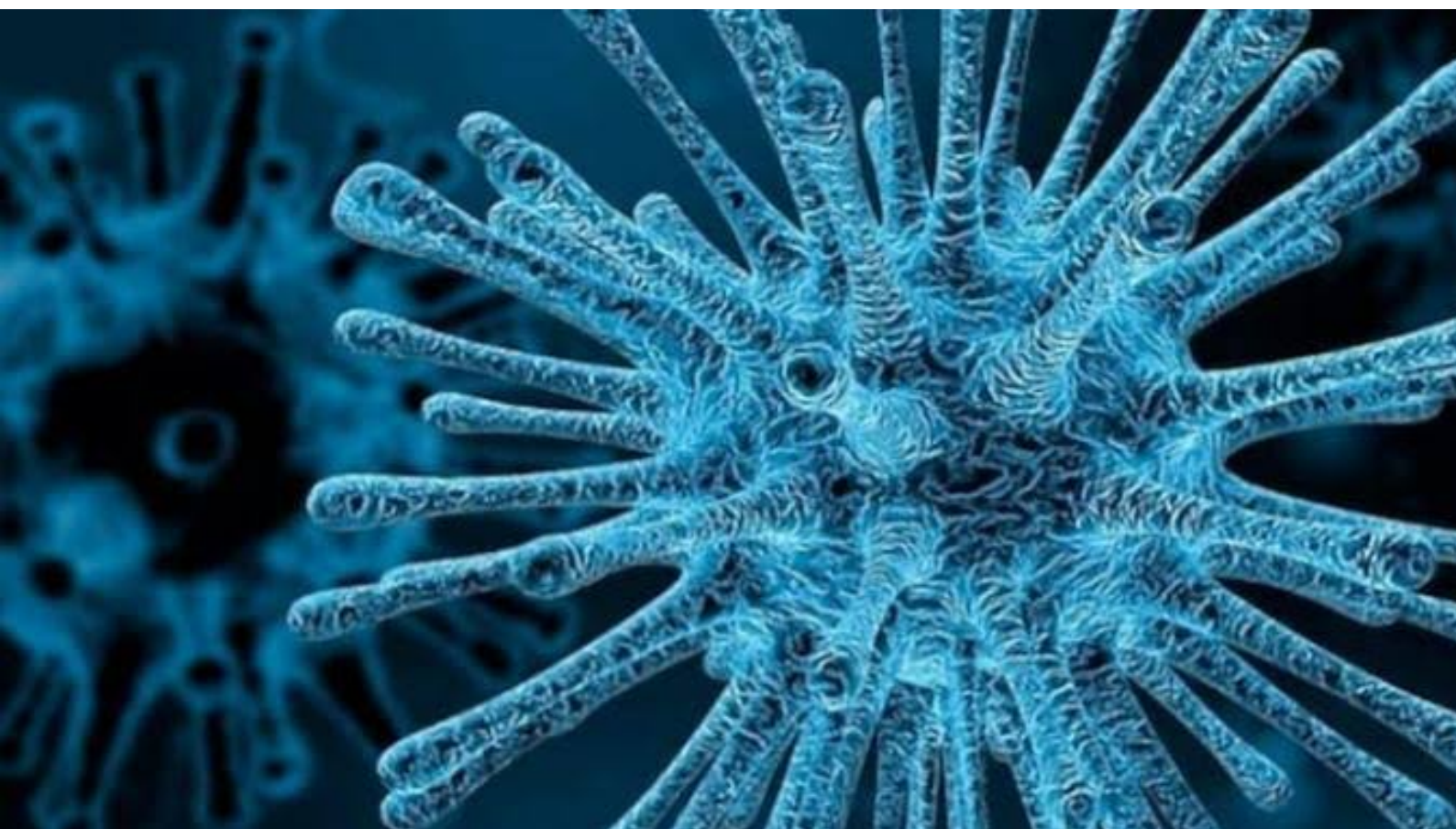
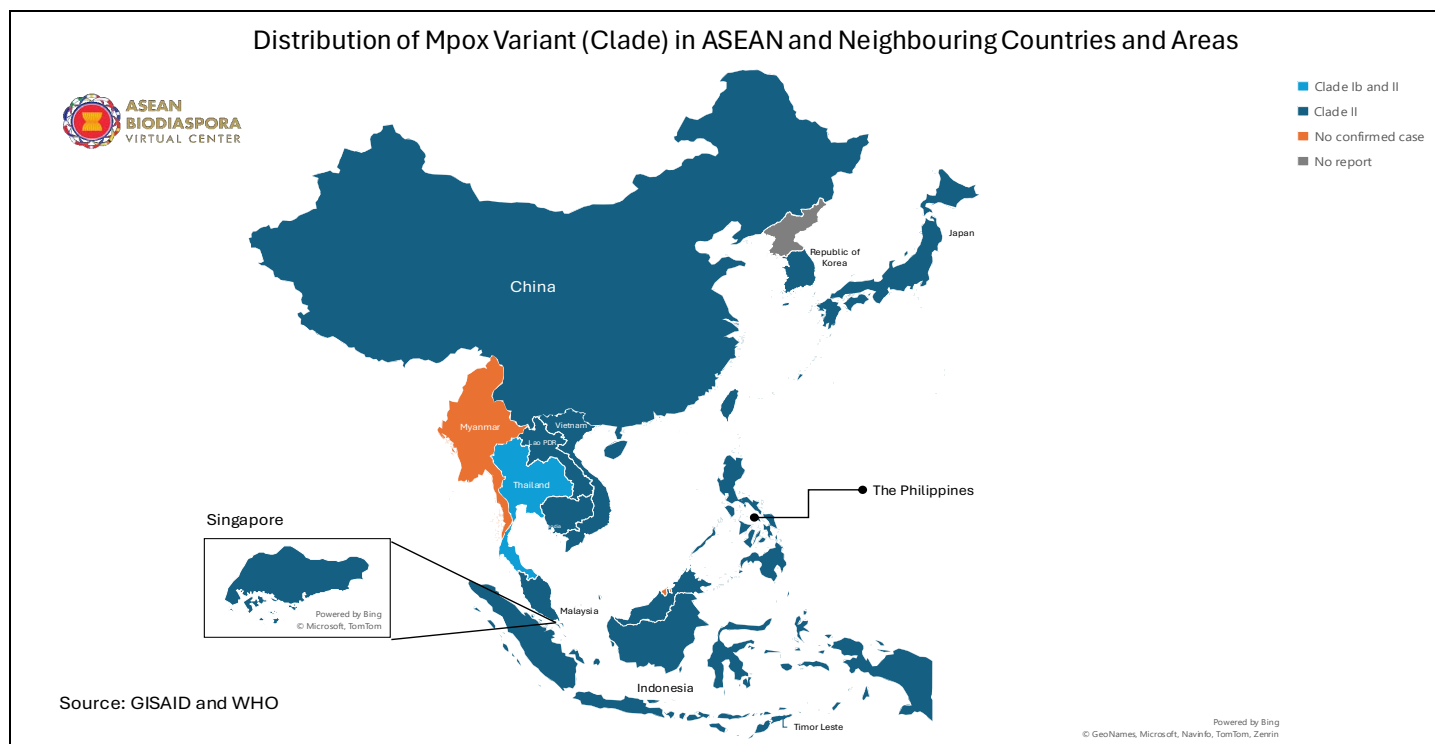
Source: Our World in Data, accessed on April 1, 2025 (<https://ourworldindata.org/monkeypox>)

Distribution of Mpox Variants in The Global As of April 5, 2025

Distribution of Mpox Variant (Clade) in The Global



Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas As of April 5, 2025



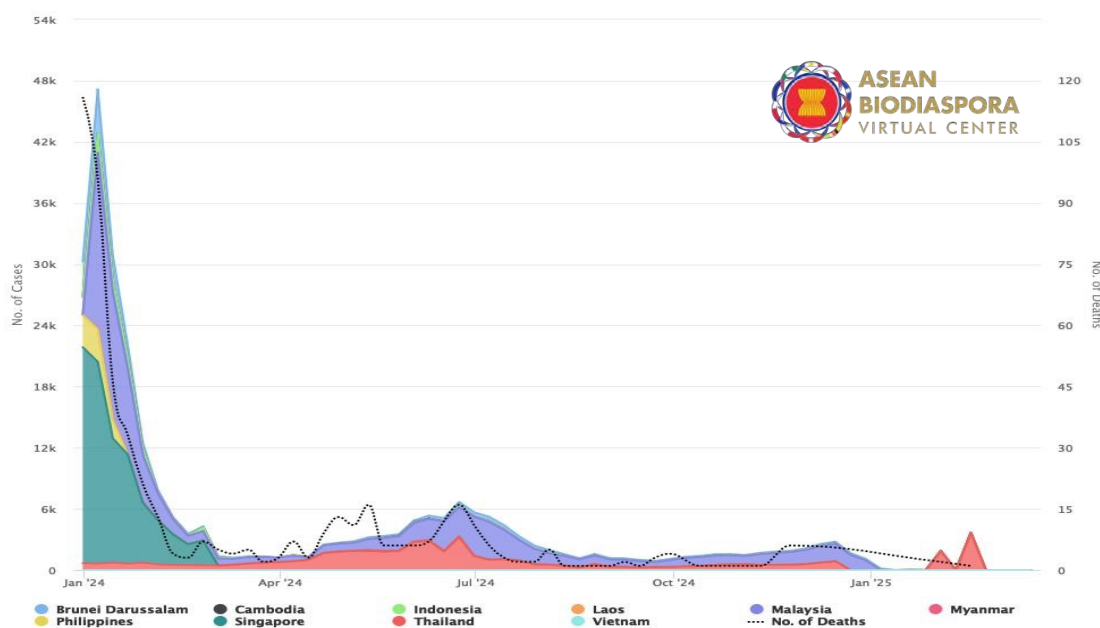
COVID-19

Key Findings

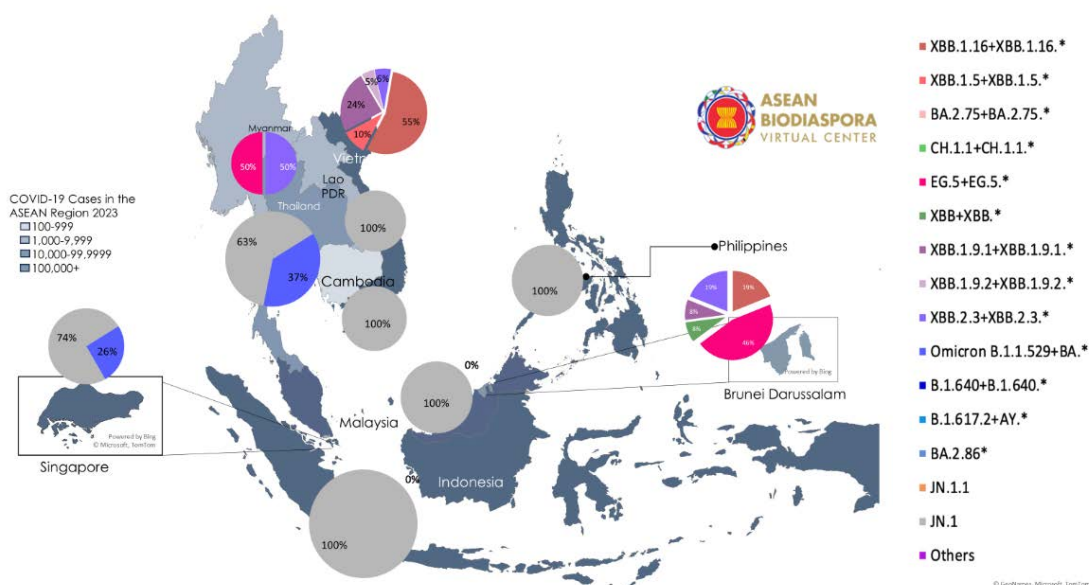
- As of 5 April 2025 (5PM, GMT+7), there were **704,878,104** confirmed cases **worldwide**, including **7,010,837 deaths**. Globally, the Case Fatality Rate (CFR) was **1.00%**.
- 37,122,516 total confirmed cases** of COVID-19 have been reported in the **ASEAN Region**.
- The CFR in the **ASEAN Region** was **1.00%**.

ASEAN Weekly COVID-19 Cases and Deaths

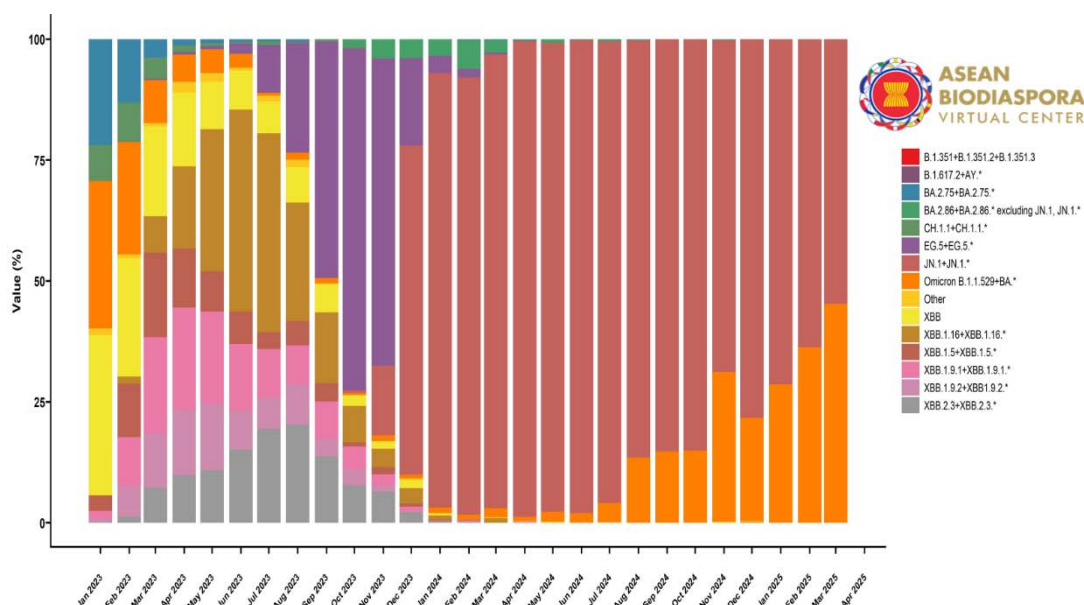
From January 1, 2024 to April 5, 2025



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

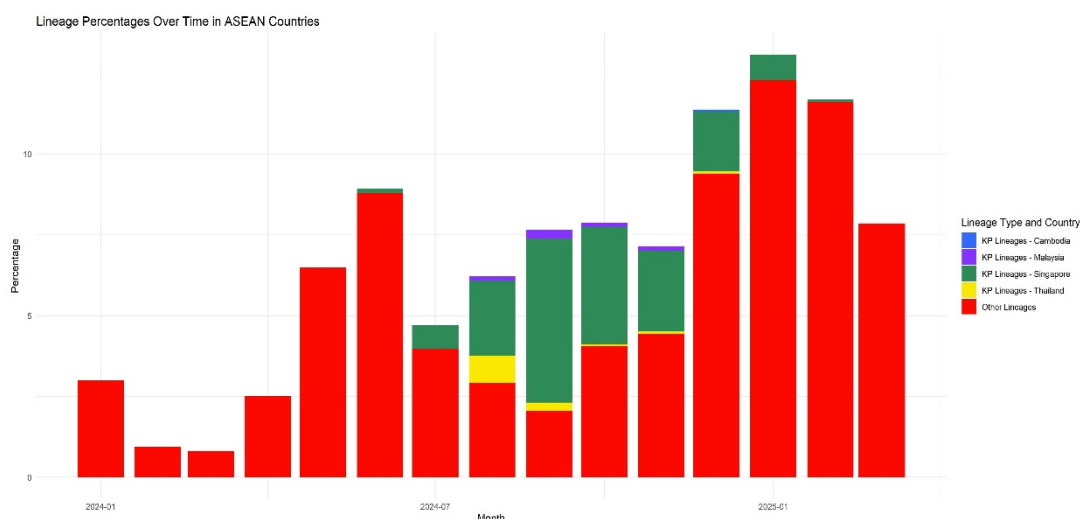


COVID-19 Variants Frequencies in the ASEAN Region From January 2023 to April 2025



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

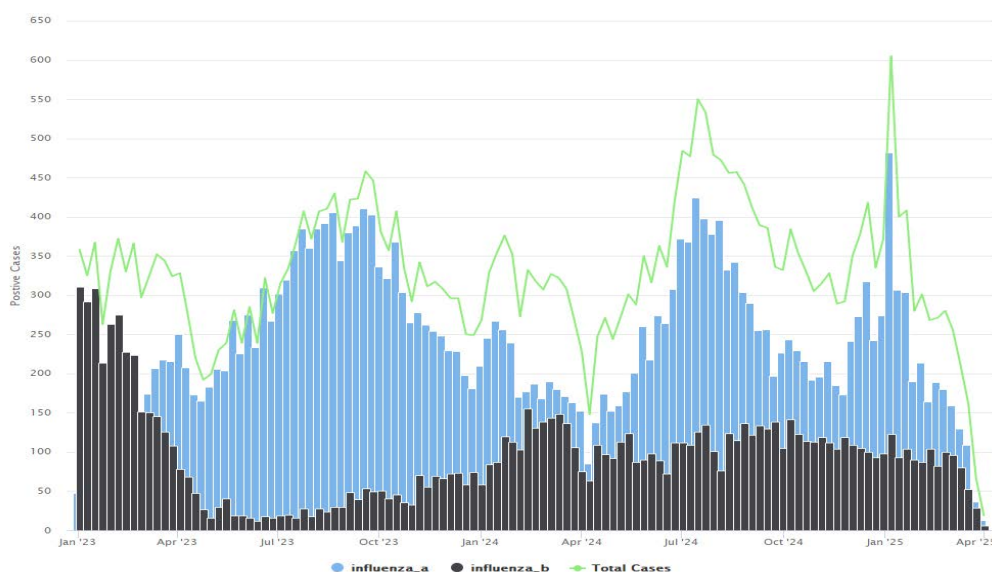
INFLUENZA

Key Findings

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

Trends of Influenza Confirmed Cases in the ASEAN region

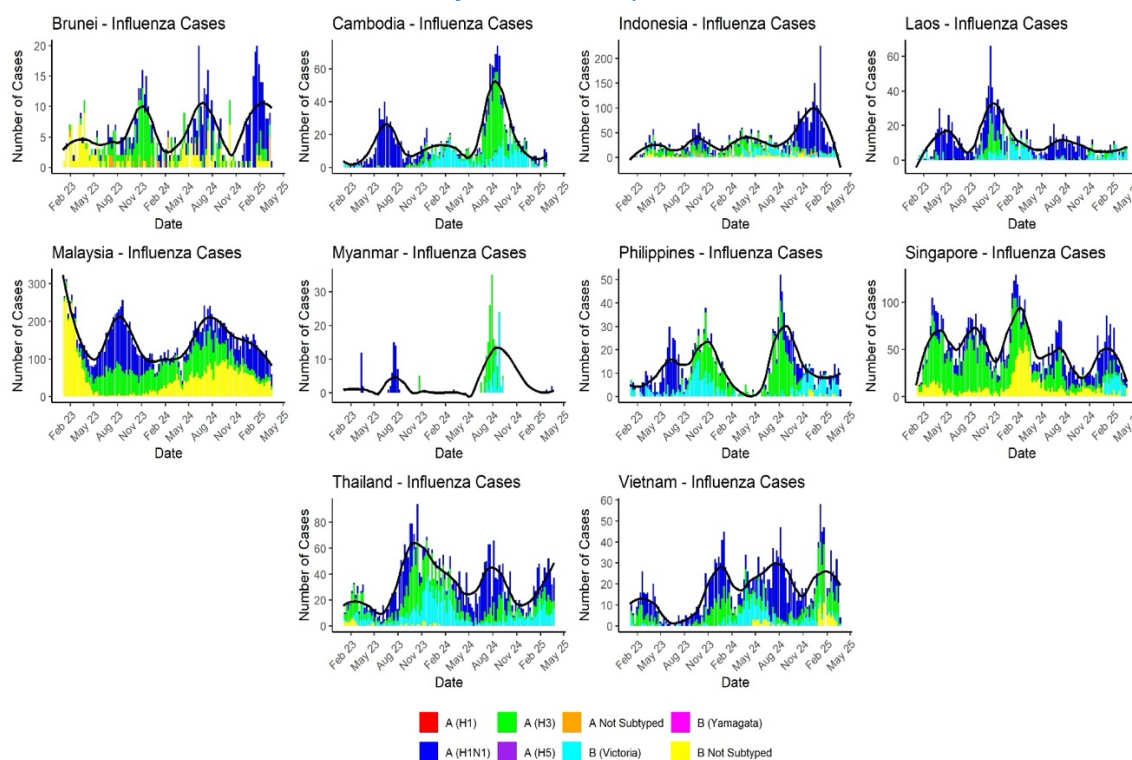
From January 1, 2023 to April 5, 2025



Source: WHO FluNet, accessed on April 8, 2025 (<https://www.who.int/tools/fluNet>)

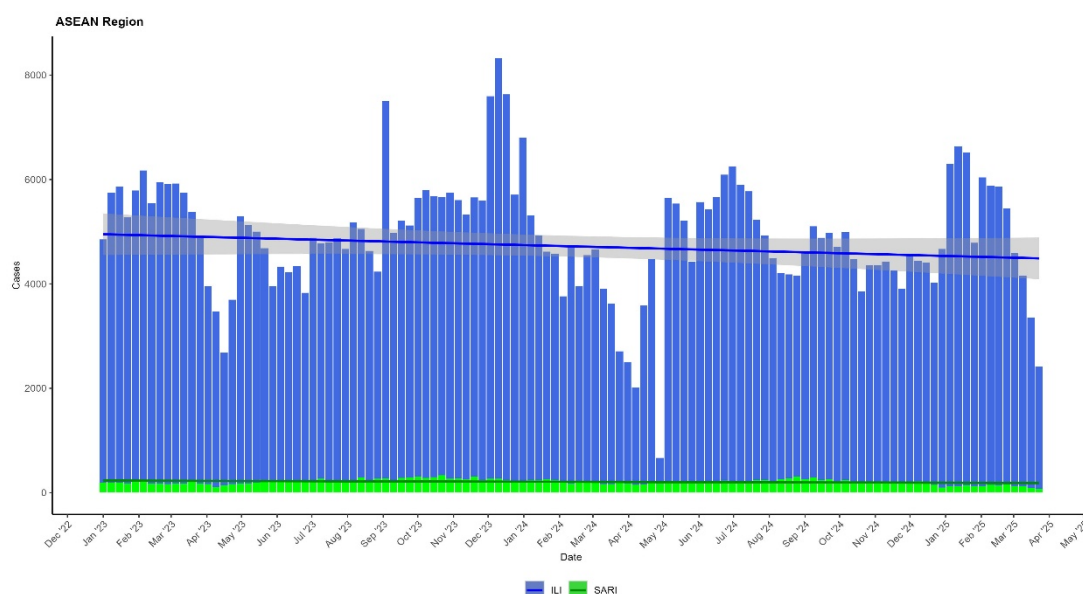
Trend of Influenza Cases among ASEAN Member States

January 1, 2023 to April 5, 2025



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

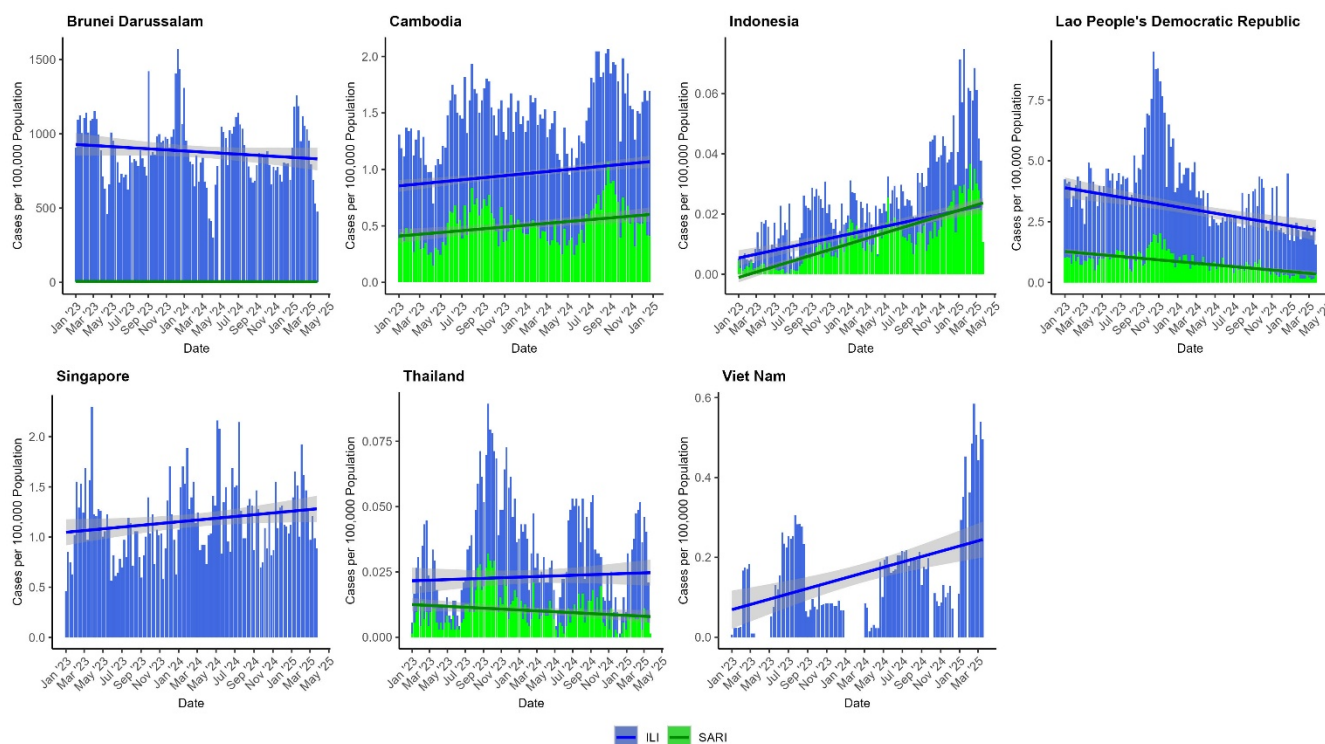
January 1, 2023 to April 5, 2025



Source: WHO FluID, accessed April 8, 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 5, 2025



Source: WHO FluID, accessed April 8, 2025 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-outputs>)

Zoonosis



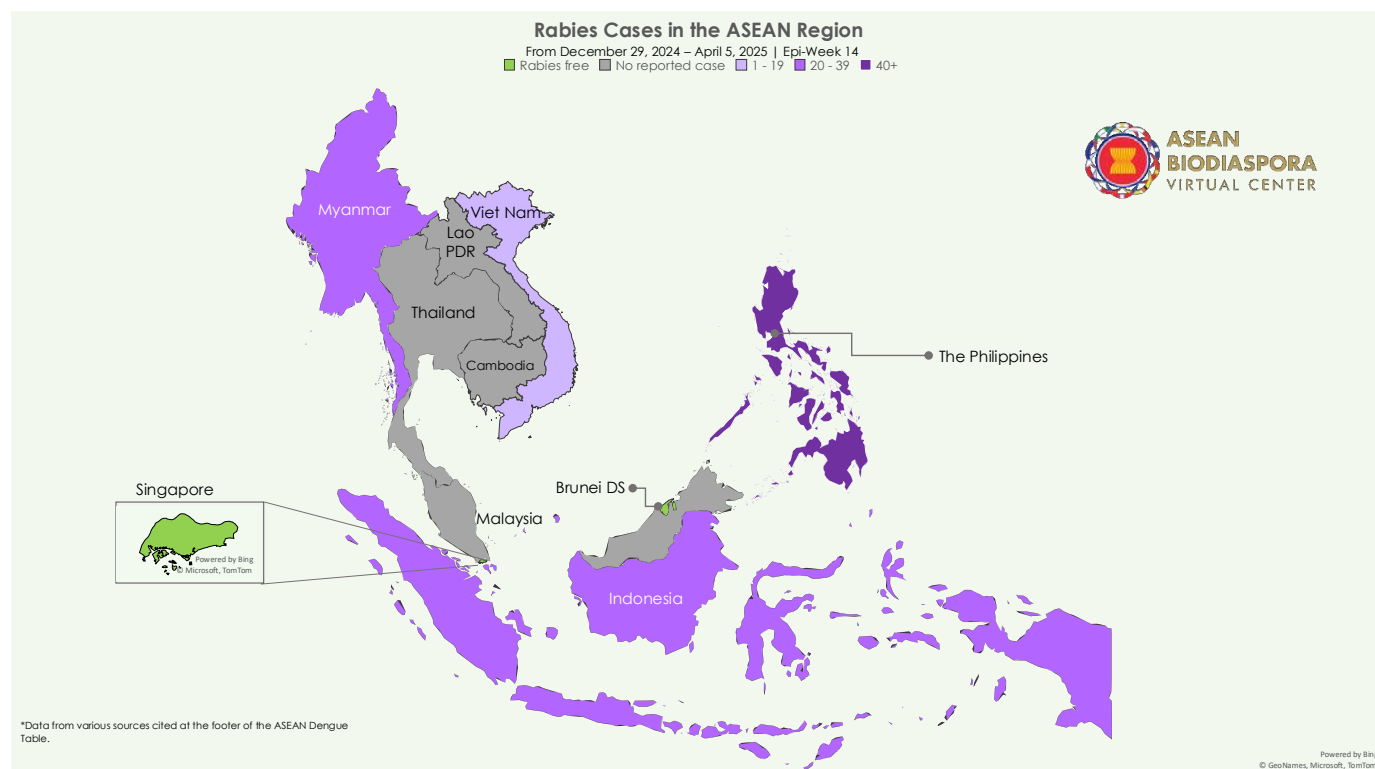
RABIES

Rabies Cases in the ASEAN Region

From December 29, 2024 to April 5, 2025 (Epi-Week 14, 2025)

Key Findings

- The **ASEAN** region reported **five** new rabies cases in Epiweek 14, 2025.
- Up to April 5, 2025, the region reported **123** 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	2	39	100%
Lao PDR	-	-	-	-	-
Malaysia²	-	-	-	-	-
Myanmar³	Week 8	20	-	20	100%
Philippines²	Week 9	55	-	55	100%
Singapore			Rabies-free country		
Thailand	-	-	-	-	-
Viet Nam²	Week 14	9	3	9	100%
Total		123	5	123	100%

Source:

- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed April 8, 2025 (<https://portal.bluedot.global/>)
- Department of Public Health, Ministry of Health, Myanmar

Vector-Borne Diseases



DENGUE

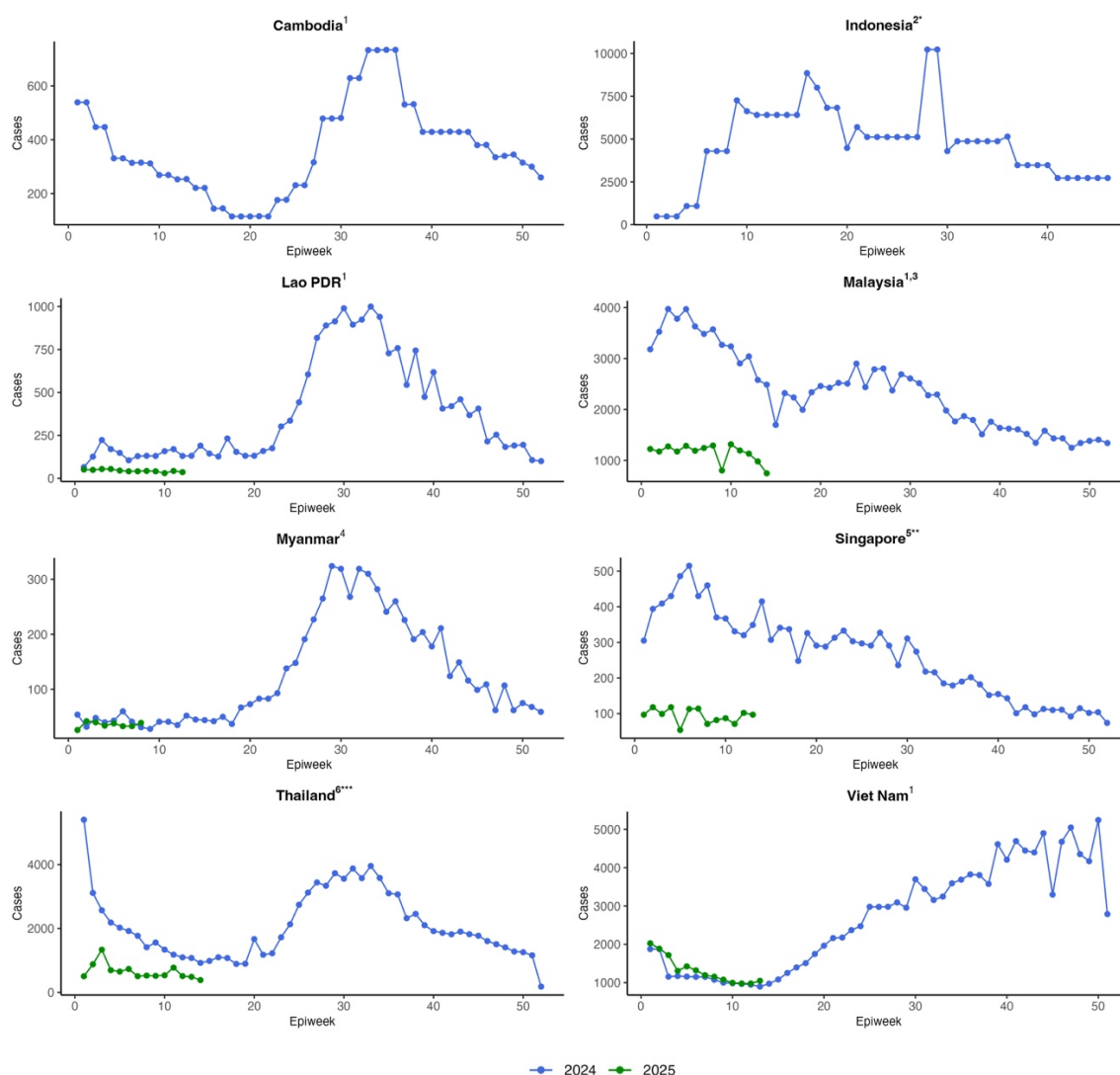
Dengue Cases in the ASEAN Region

From December 29, 2024 to April 5, 2025 (Epi-Week 14, 2025)

Key Findings

- The **ASEAN** region reported **2,314** new dengue cases in Epiweek 14, 2025.
- Up to April 5, 2025, the region reported **44,200** total cases and **25** total deaths with **0.06% 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 5, 2025.

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



Source:

- WHO WPRO, "Dengue," World Health Organization, accessed April 8, 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 8, 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 8, 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 8, 2025, (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

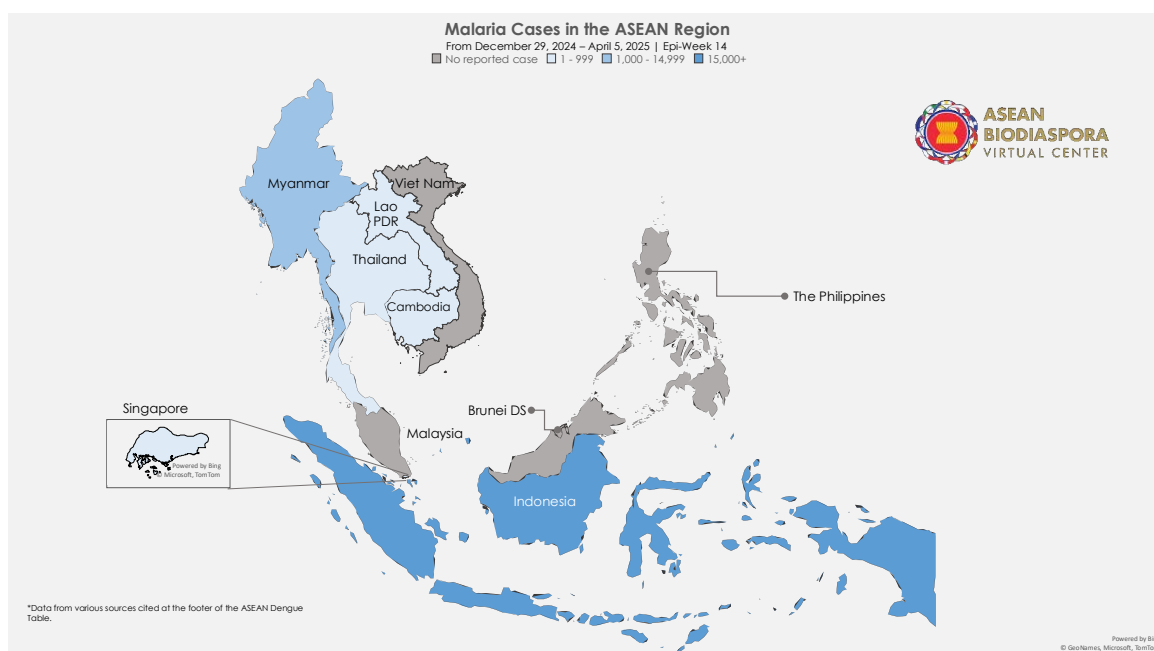
MALARIA

Malaria Cases in the ASEAN Region

From December 29, 2024 to April 5, 2025 (Epi-Week 14, 2025)

Key Findings

- The **ASEAN** region reported **11,338** new malaria cases in Epiweek 14, 2025.
- Up to April 5, 2025, the region reported **156,913** total cases and **10** 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 14	204	0	0	0.00%
Indonesia²	Week 14	138,257	11,295	10	0.01%
Lao PDR³	Week 13	556	-	0	0.00%
Malaysia	-	-	-	-	-
Myanmar⁴	Week 8	17,375	-	0	0.00%
Philippines	-	-	-	-	-
Singapore⁵	Week 13	10	1	0	0.00%
Thailand⁶	Week 14	511	42	0	0.00%
Viet Nam	-	-	-	-	-
Total		156,913	11,338	10	0.01%

Source:

- Cambodia National Malaria Center, accessed April 8, 2025 (<https://mis.cnm.gov.kh/Dashboard>)
- Malaria Cases in Indonesia, accessed April 8, 2025 (<https://malaria.kemkes.go.id/case>)
- Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed April 8, 2025 (<https://www.facebook.com/CCEH.MoH.Lao/>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health Singapore, accessed April 8, 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 8, 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

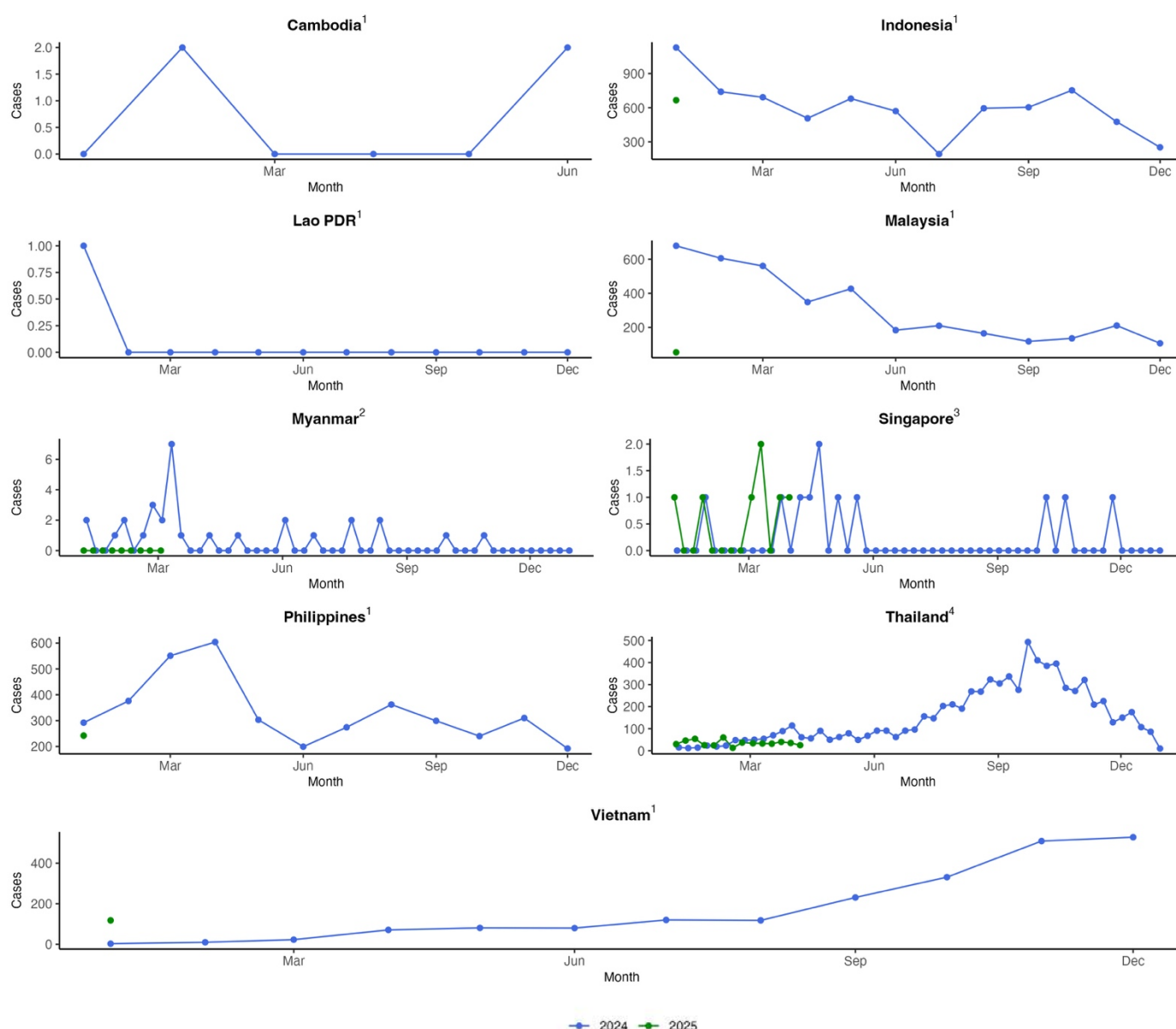
Measles Cases in the ASEAN Region

From December 29, 2024 to April 5, 2025 (Epi-Week 14, 2025)

Key Findings

- The **ASEAN** region reported **26** new measles cases in Epiweek 14, 2025.
- Up to April 5, 2025, the region reported **1,668** total cases with **0%** CFR.

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



Source:

- Provisional Measles and Rubella Data, World Health Organization, accessed April 8, 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 8, 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 8, 2025 (<http://doe.moph.go.th/surdata/index.php>)



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