



**ASEAN
BIOLOGICAL THREATS
SURVEILLANCE CENTRE**

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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Kemenkes



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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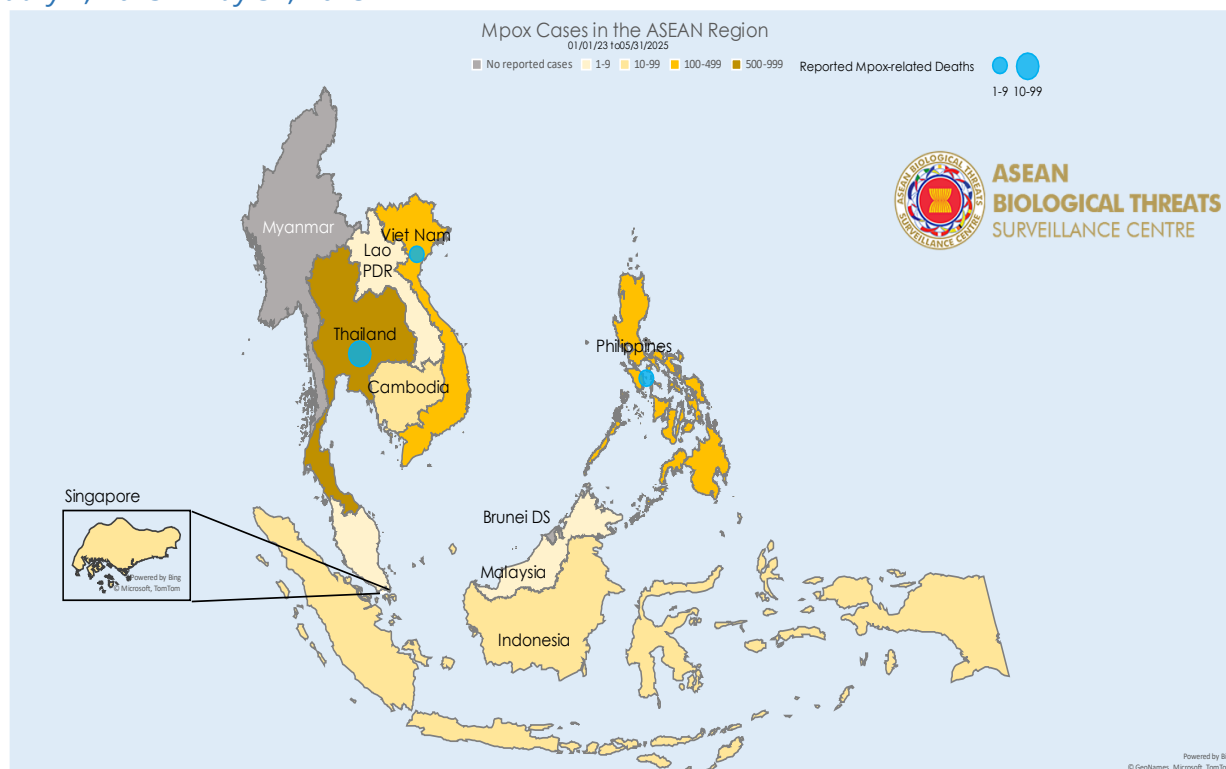
Emerging Diseases

A person wearing a full-body white protective suit, a hood, and a clear face shield. They are also wearing black gloves. The person is holding a small, dark object in their right hand. The background is a blurred indoor setting, possibly a laboratory or a clinical environment.

MPOX

Mpox Cases Reported in the ASEAN Region

January 1, 2023 – May 31, 2025



Key Findings

- From 1 January 2023 to 31 May 2025, **55,404** confirmed cases worldwide since 2023, including **280** deaths. Globally, the CFR was **0.51 %**.
- 1,393 confirmed cases** including **26 deaths** in the **ASEAN** region, with a CFR of **1.87%**.
- 54,011 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 May. 31, 2025)

ASEAN Member States	Cumulative Cases 2023-2025	New Cases Since Previous Report	Cumulative Deaths 2023-2025	CFR
Cambodia ¹	20	0	0	0.00%
Indonesia ²	87	0	0	0.00%
Lao PDR ³	1	0	0	0.00%
Malaysia ³	15	0	0	0.00%
Philippines ³	132	0	4	3.03%
Singapore ⁴	55	1	0	0.00%
Thailand ³	874	0	13	1.49%
Vietnam ³	209	0	9	4.31%
ASEAN Total	1,393	1	26	1.87%

- Source:
- Ministry of Health Cambodia
 - Ministry of Health Republic of Indonesia
 - WHO Mpox Outbreak: Global Trends, accessed June 3, 2025 (https://worldhealthorg.shinyapps.io/mpox_global/)
 - Ministry of Health Singapore, accessed June 3, 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 May. 31, 2025)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	19,639	41	51	0.26%
Uganda	5,726	0	40	0.70%
United States of America	4,767	0	10	0.21%
Brazil	3,372	0	3	0.09%
People's Republic of China	2,978	0	1	0.03%

Source: Our World in Data, accessed on June 3, 2025 (<https://ourworldindata.org/monkeypox>)

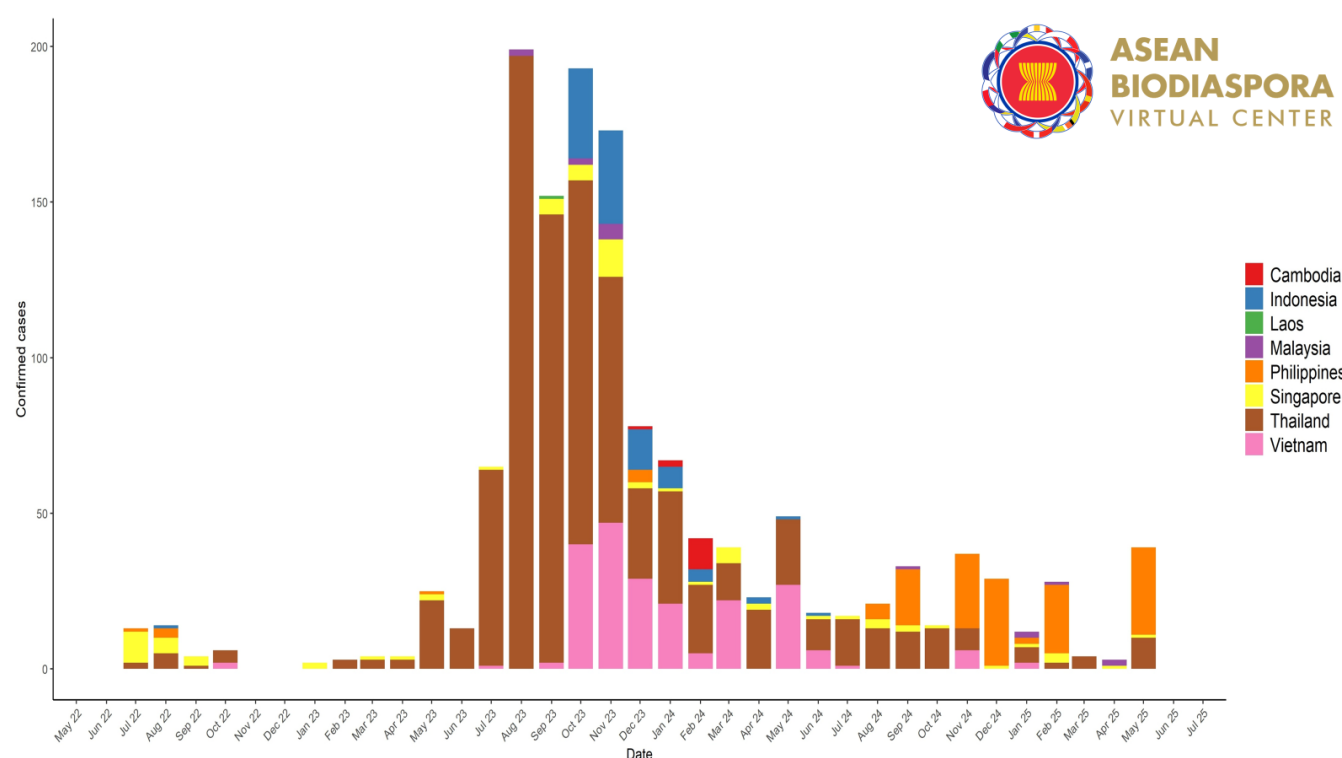
Mpox cases per region (Jan. 1, 2023 to May. 31, 2025)

REGIONS	CUMULATIVE CASES 2023-2025	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	31,367	41	120	0.38%
AMERICAS	11,220	0	100	0.89%
ASEAN	1,392	1	26	1.87%
ASIA & OCEANIA	7,359	0	30	0.41%
EUROPE	4,065	0	4	0.10%
TOTAL	55,403	42	280	0.51%

Source: Our World in Data, accessed on June 3, 2025 (<https://ourworldindata.org/monkeypox>)

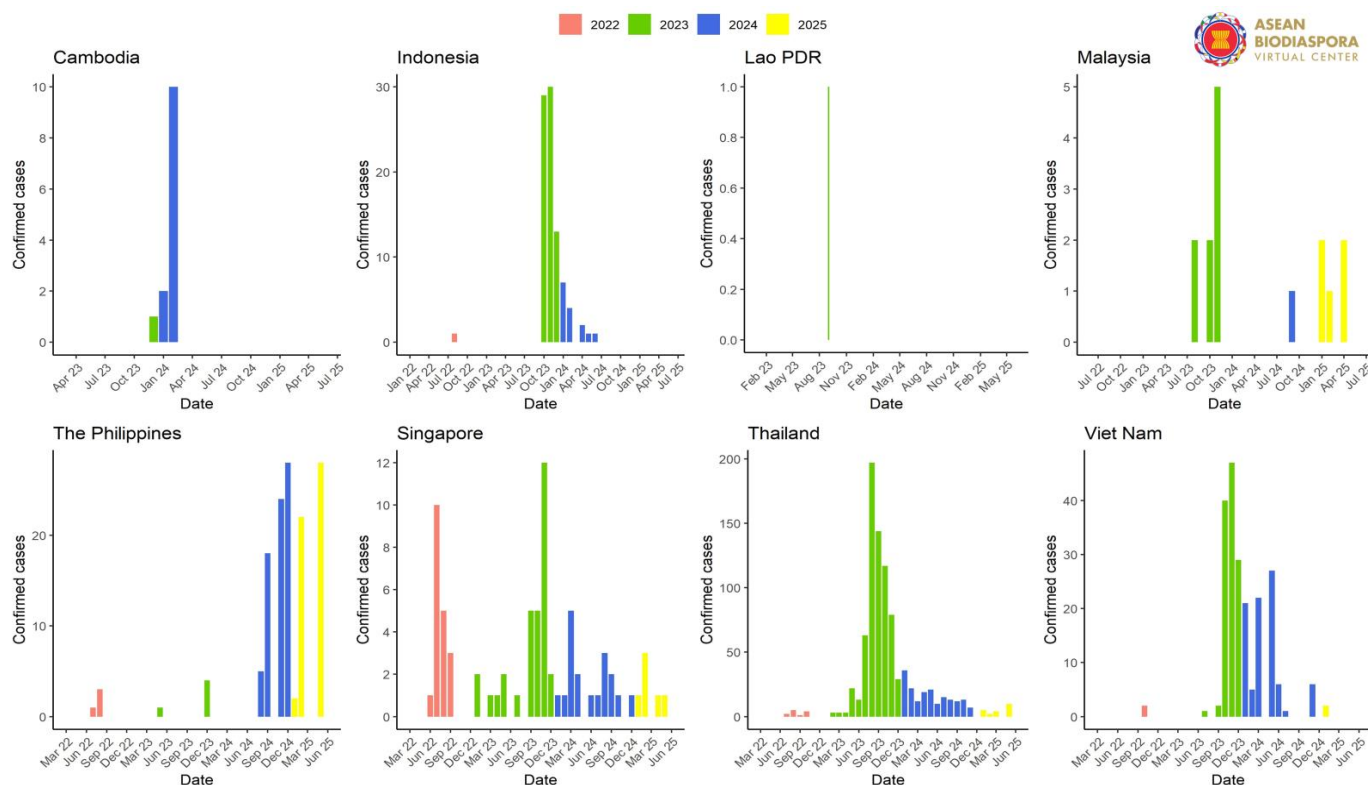
Trend of Mpox Confirmed Cases in the ASEAN Region

January 1, 2022 to May 31, 2025



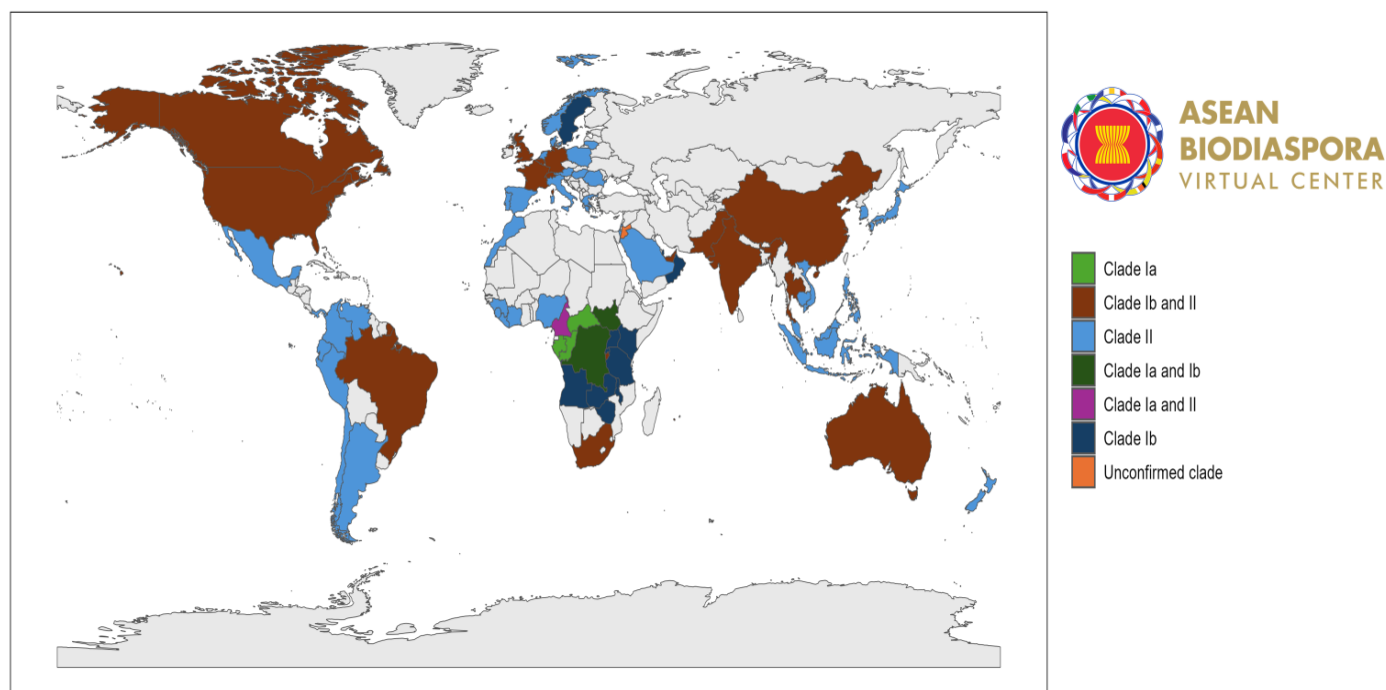
Source: Our World in Data, accessed on June 3, 2025 (<https://ourworldindata.org/monkeypox>)

Trend of Mpox Confirmed Cases among ASEAN Member States January 1, 2022 to May 31, 2025



Distribution of Mpox Variants in The Global As of May 31, 2025

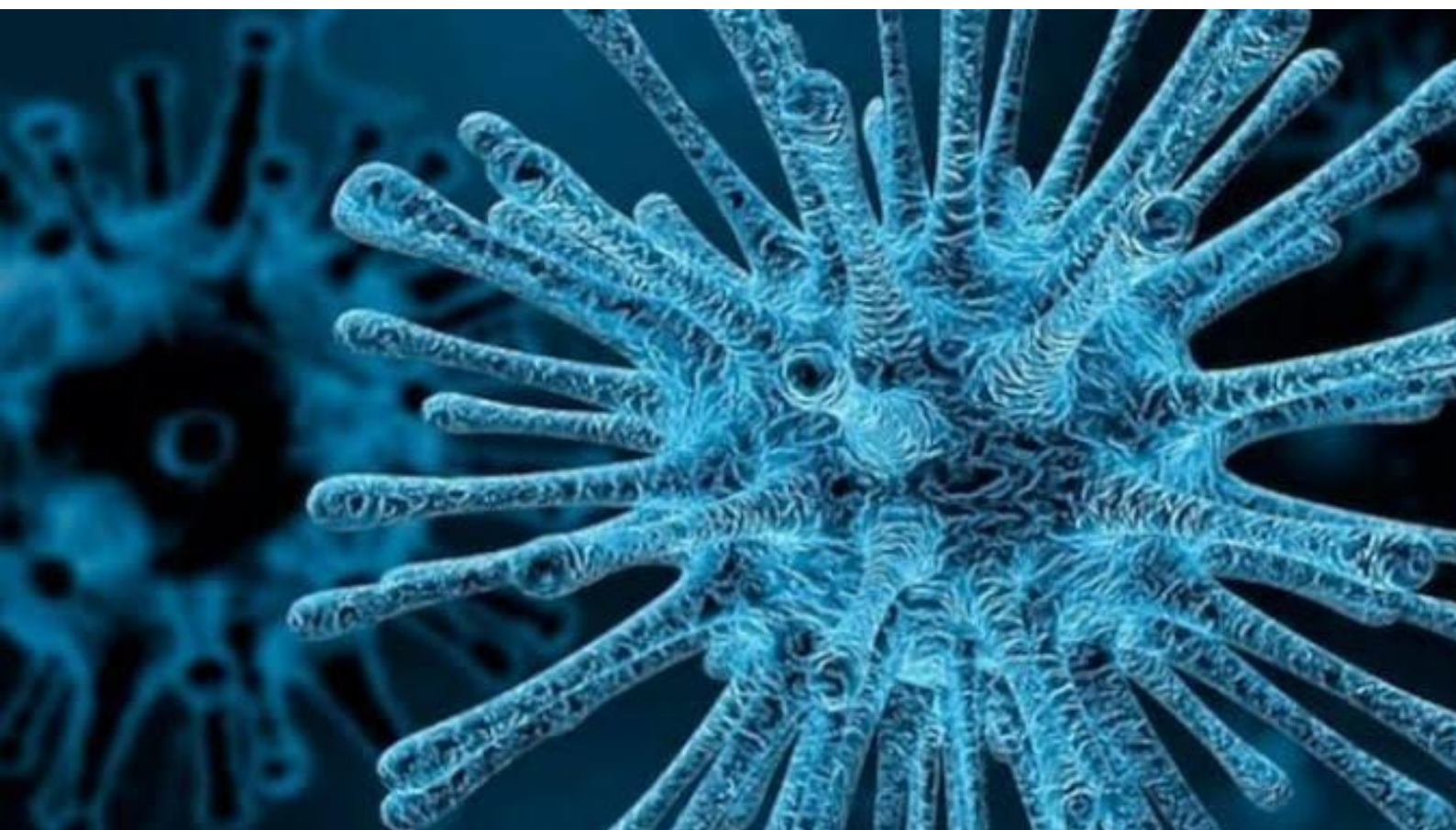
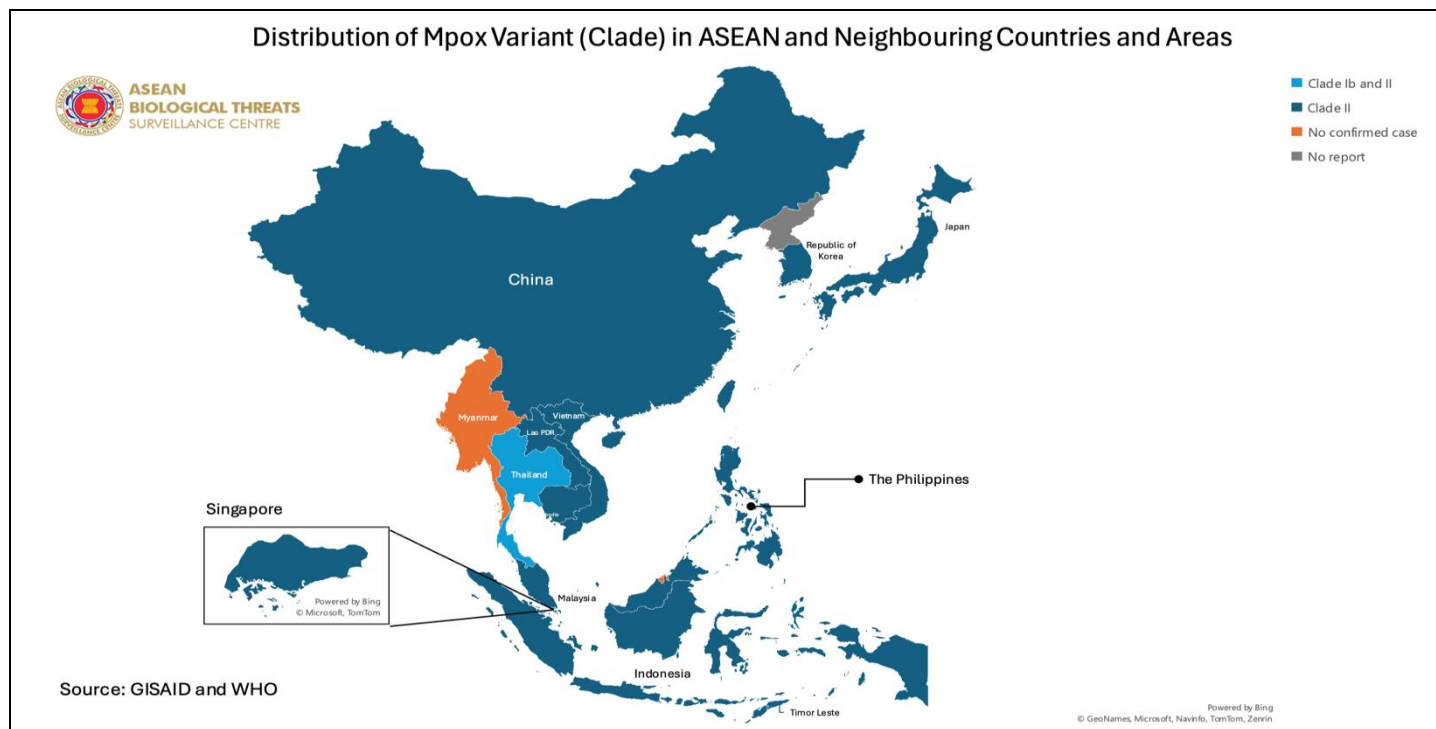
Distribution of Mpox Variant (Clade) in The Global



Source: GISAID and WHO



Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas As of May 31, 2025



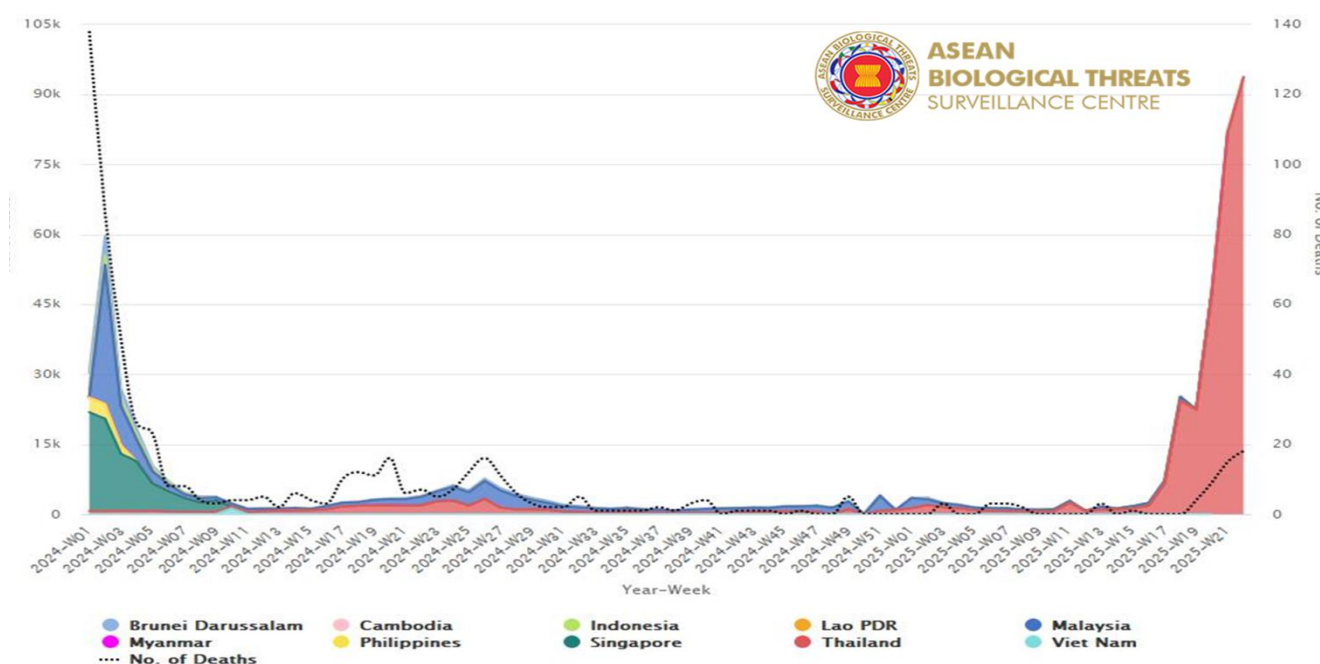
COVID-19

Key Findings

- As of 31 May 2025 (5PM, GMT+7), there were **705,186,598** confirmed cases **worldwide**, including **7,010,891 deaths**. Globally, the Case Fatality Rate (CFR) was **0.99%**.
- 37,395,770 total confirmed cases** of COVID-19 have been reported in the **ASEAN Region**.
- The CFR in the **ASEAN Region** was **0.99%**.
- NB.1.8.1** variant show a dominance number in Cambodia, Singapore, and Vietnam. Meanwhile, Thailand shows dominance in Omicron B.1.1.529+BA.* variant.

ASEAN Weekly COVID-19 Cases and Deaths

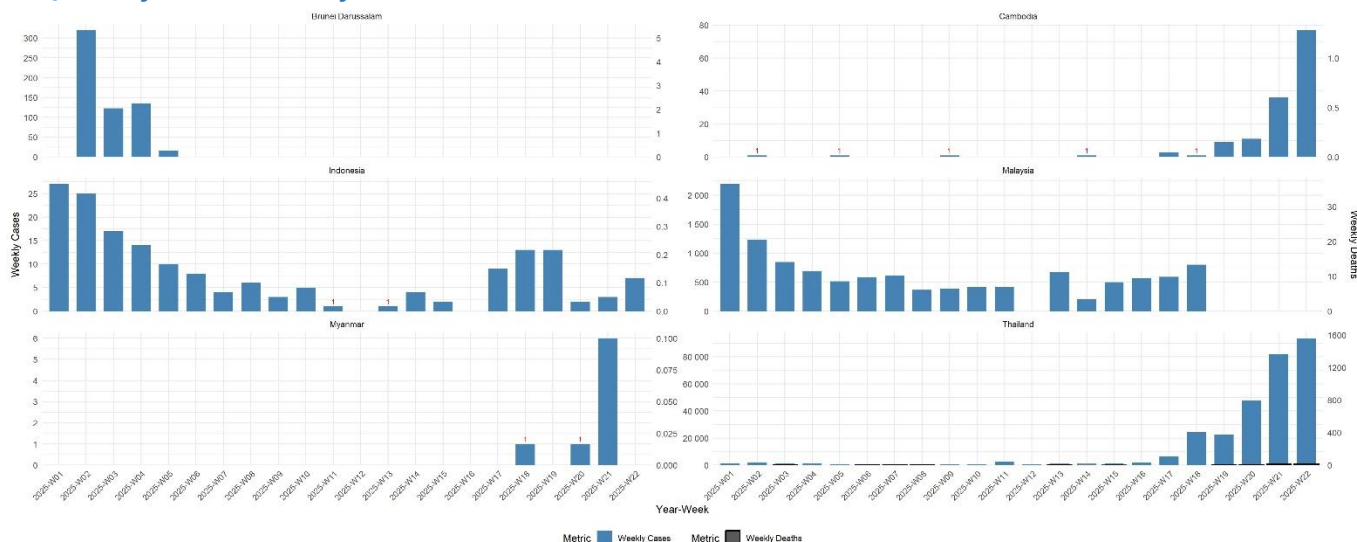
From January 1, 2024 to May 31, 2025



Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), [MOH Myanmar](#), [MOH Malaysia](#), and [WHO](#) accessed on June 3, 2025

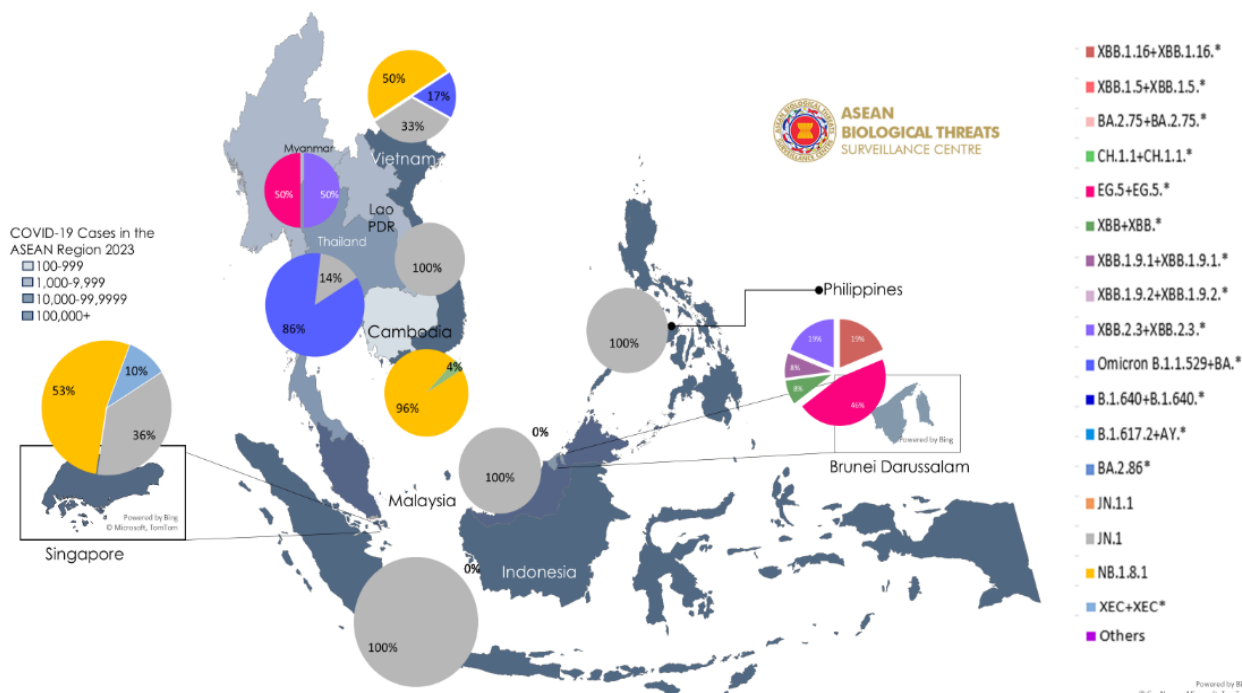
ASEAN Weekly COVID-19 Cases and Deaths among ASEAN Member States

From January 1, 2024 to May 31, 2025

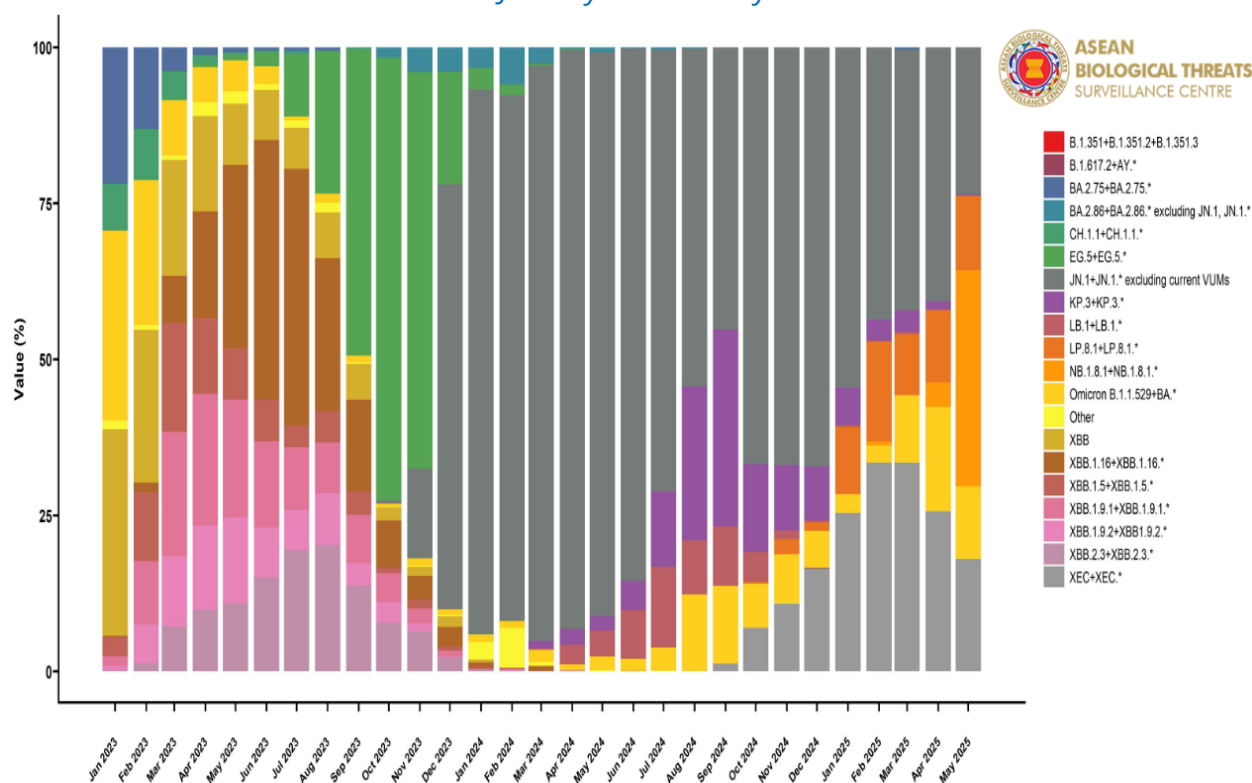


Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), [MOH Myanmar](#), [MOH Malaysia](#), and [WHO](#) accessed on June 3, 2025

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



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



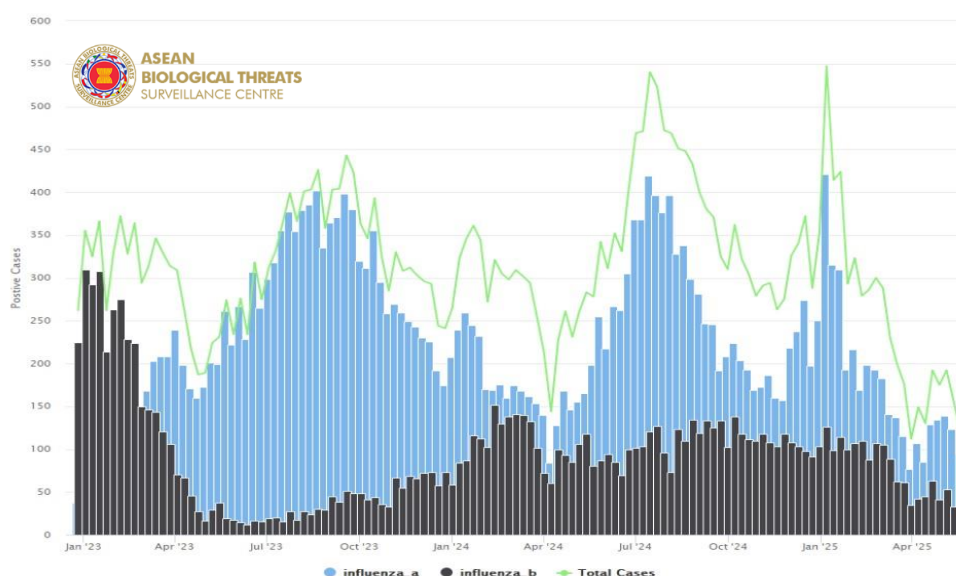
INFLUENZA

Key Findings

- Recently, most influenza cases among ASEAN Member States experiences a downward trend.
- While influenza-like illness (ILI) and severe acute respiratory infection (SARI) increase slightly among some ASEAN Member States.

Trends of Influenza Confirmed Cases in the ASEAN region

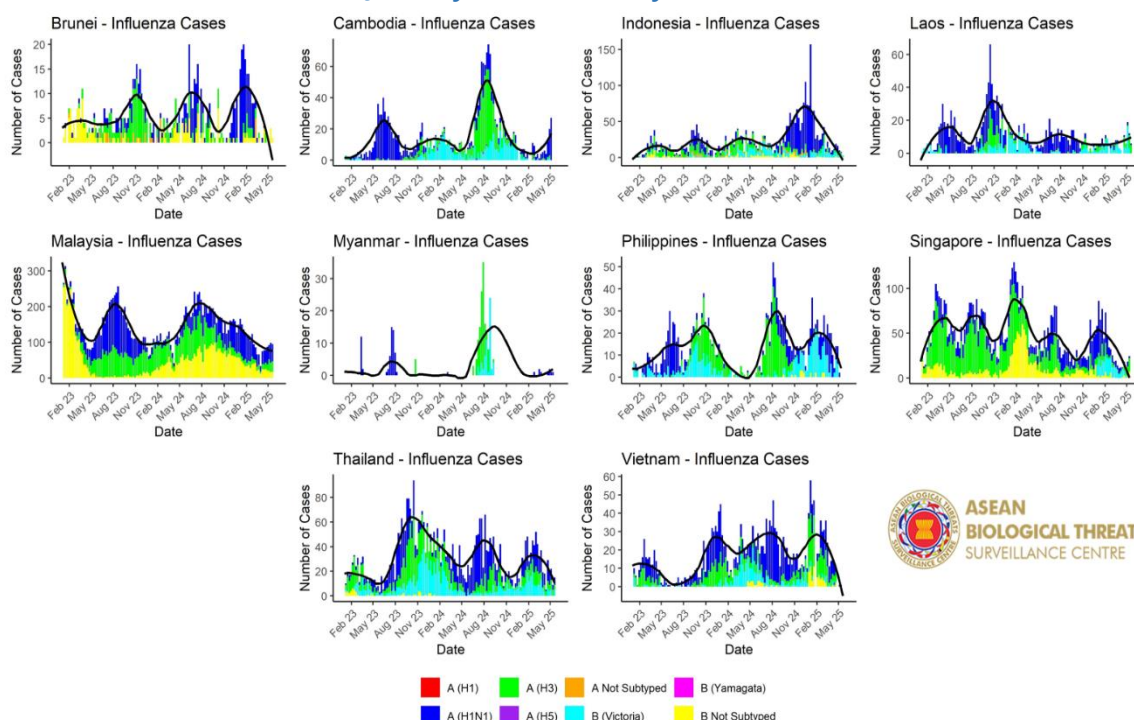
From January 1, 2023 to May 31, 2025



Source: WHO FluNet, accessed on June 3, 2025 (<https://www.who.int/tools/fluNet>)

Trend of Influenza Cases among ASEAN Member States

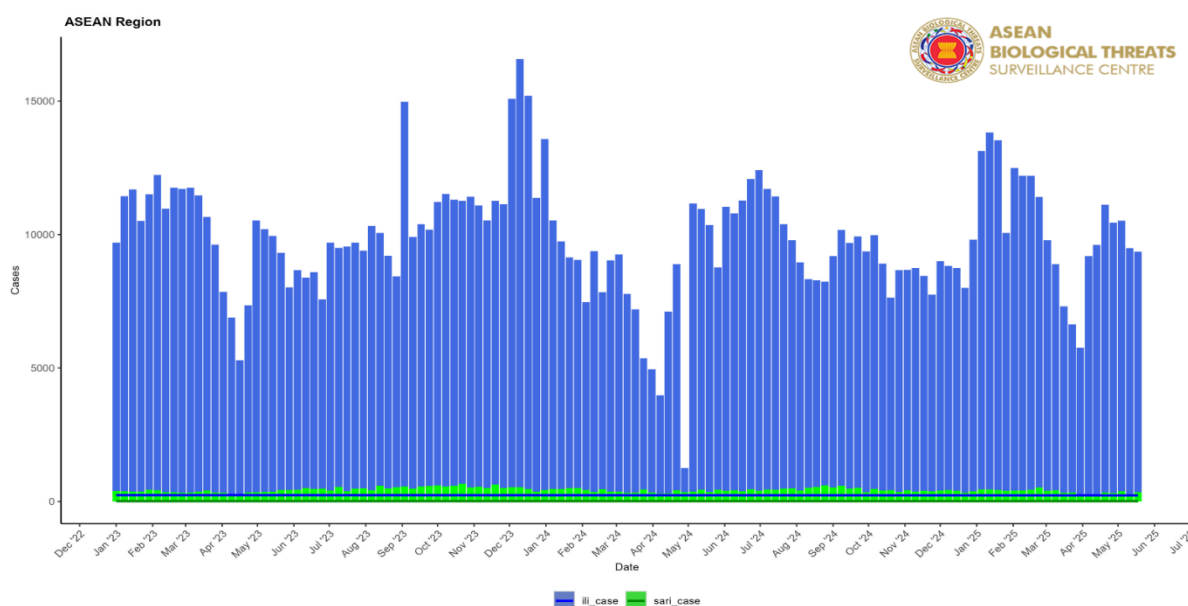
January 1, 2023 to May 31, 2025



Source: WHO FluNet, accessed on June 31, 2025 (<https://www.who.int/tools/fluNet>)

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

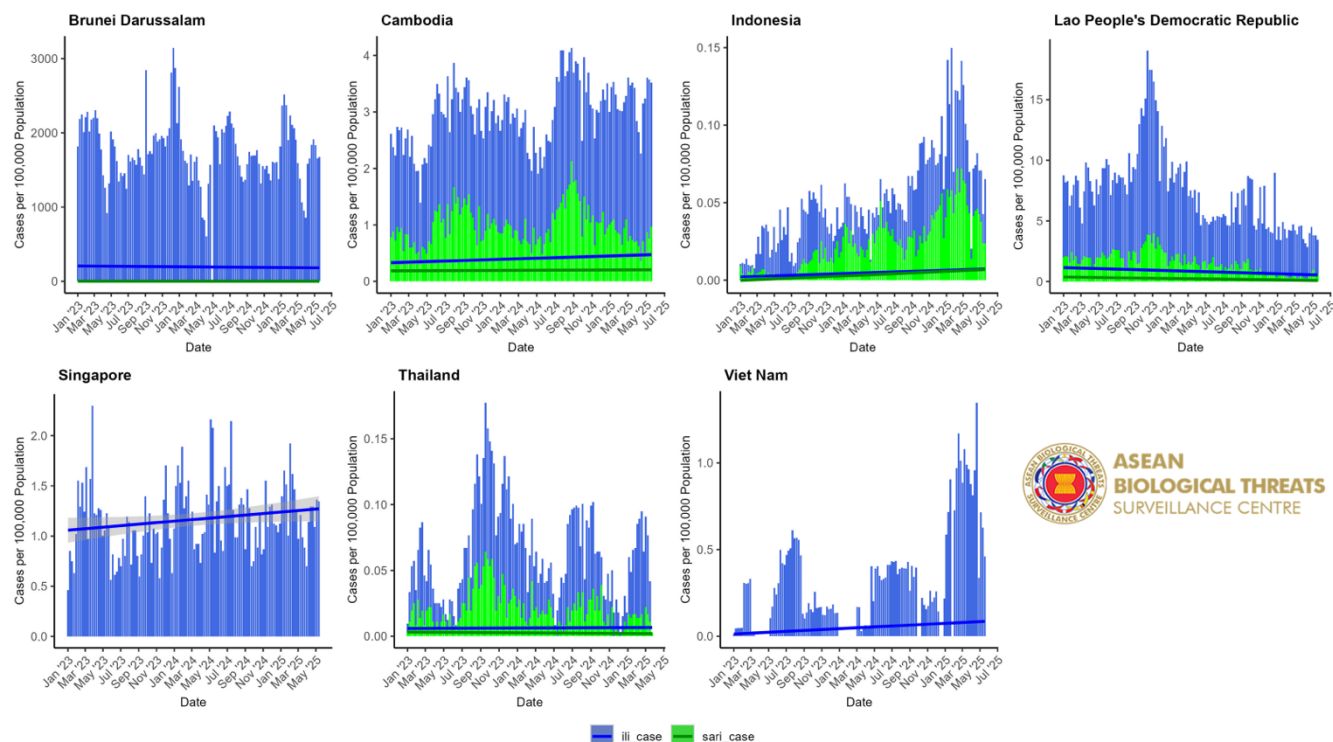
January 1, 2023 to May 31, 2025



Source: WHO FluID, accessed June 3, 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 May 31, 2025



Source: WHO FluID, accessed June 3, 2025 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-outputs>)

Zoonosis



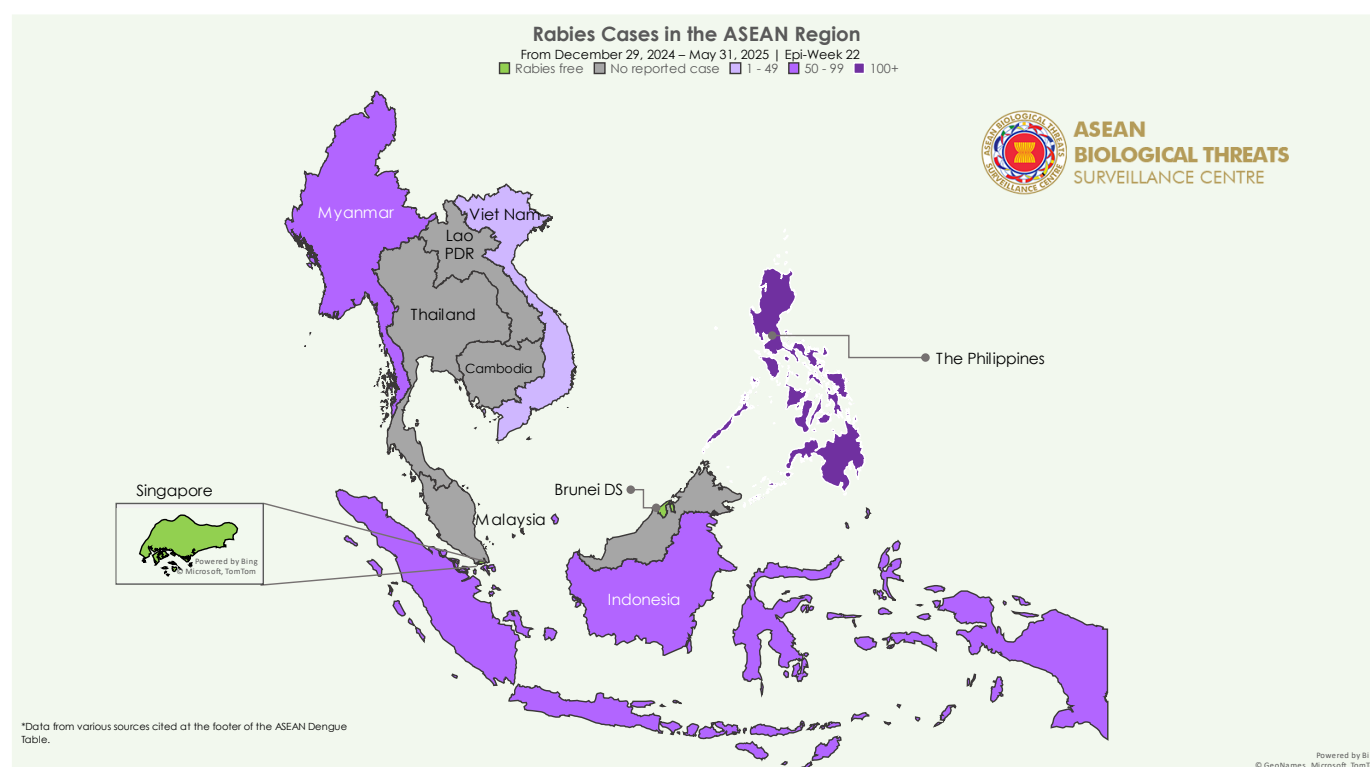
RABIES

Rabies Cases in the ASEAN Region

From December 29, 2024 to May 31, 2025 (Epi-Week 22, 2025)

Key Findings

- The **ASEAN** region reported **eight** new rabies cases in Epiweek 22, 2025.
- Up to May 31, 2025, the region reported **256** 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 21	64	-	64	100%
Lao PDR	-	-	-	-	-
Malaysia²	-	-	-	-	-
Myanmar³	Week 21	49	-	49	100%
Philippines²	Week 22	124	5	124	100%
Singapore			Rabies-free country		
Thailand	-	-	-	-	-
Viet Nam²	Week 22	19	3	16	100%
Total		256	8	256	100%

Source:

- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed June 3, 2025 (<https://portal.bluedot.global/>)
- Department of Public Health, Ministry of Health, Myanmar

Vector-Borne Diseases



DENGUE

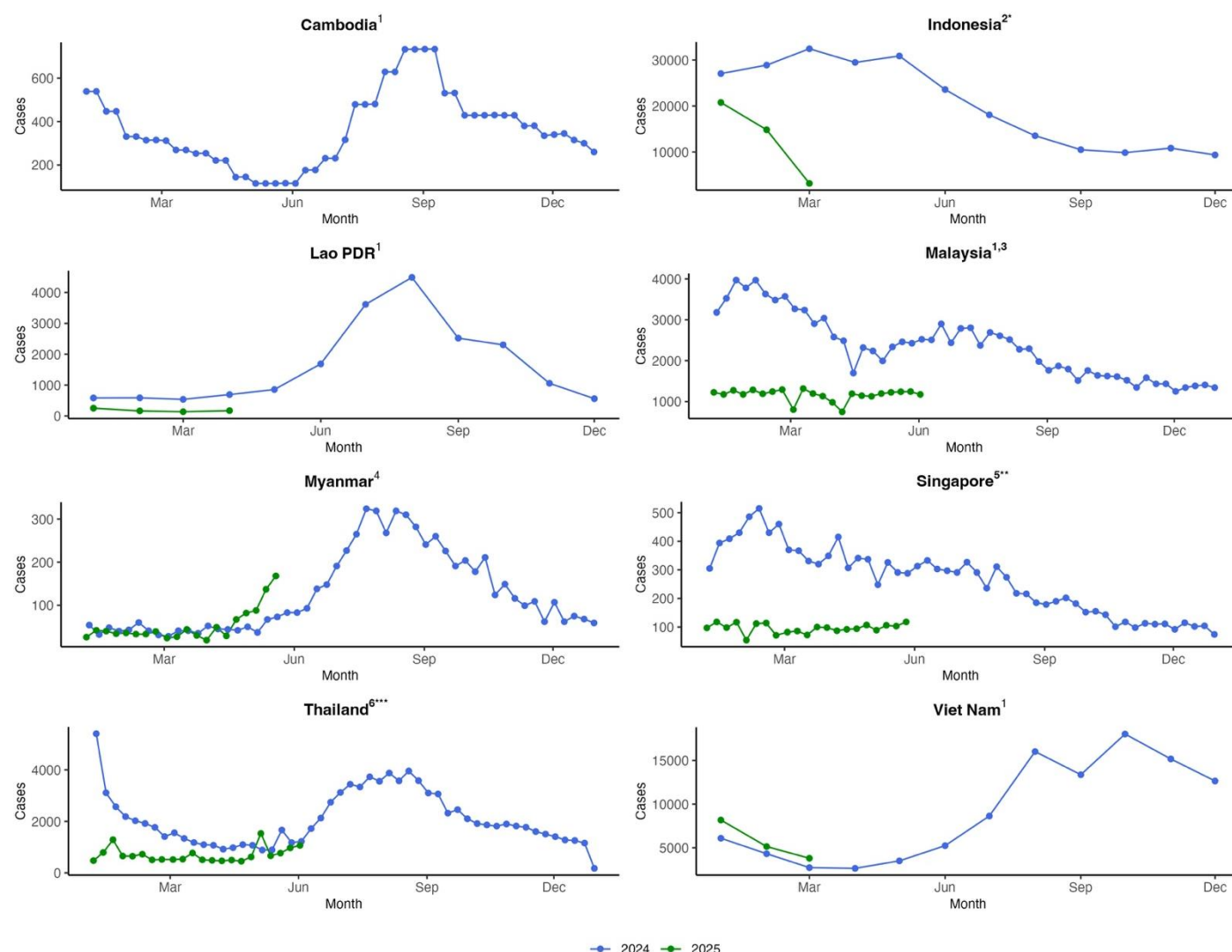
Dengue Cases in the ASEAN Region

From December 29, 2024 to May 31, 2025 (Epi-Week 22, 2025)

Key Findings

- The **ASEAN** region reported **2,359** new dengue cases in Epiweek 22, 2025.
- Up to May 31, 2025, the region reported **100,633** total cases and **216** total deaths with **0.21% CFR**.
- Most dengue trends in 2025 among AMS showing lower number of cases compared to previous year at the same period. While Myanmar and Viet Nam showing same trend up to May 31, 2025.

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



Source:

- WHO WPRO, "Dengue," World Health Organization, accessed June 3, 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 June 3, 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 June 3, 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 June 3, 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

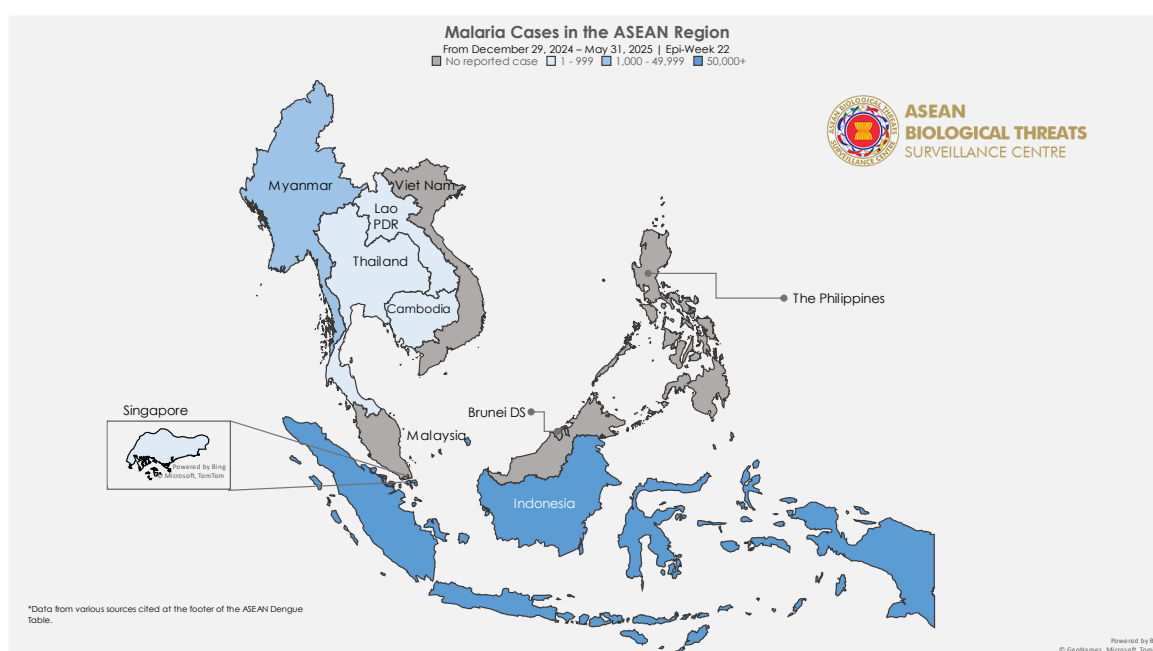
MALARIA

Malaria Cases in the ASEAN Region

From December 29, 2024 to May 31, 2025 (Epi-Week 22, 2025)

Key Findings

- The **ASEAN** region reported **16,885** new malaria cases in Epiweek 22, 2025.
- Up to May 31, 2025, the region reported **281,903** total cases and **53** 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
Brunei Darussalam	-	-	-	-	-
Cambodia¹	Week 22	233	8	0	0.00%
Indonesia²	Week 22	246,889	16,683	51	0.02%
Lao PDR³	Week 21	1,175	-	0	0.00%
Malaysia	-	-	-	-	-
Myanmar⁴	Week 20	31,932	-	1	0.003%
Philippines	-	-	-	-	-
Singapore⁵	Week 21	10	0	0	0.00%
Thailand⁶	Week 22	1,664	194	1	0.07%
Viet Nam	-	-	-	-	-
Total		281,903	16,885	53	0.02%

Source:

- Cambodia National Malaria Center, accessed June 3, 2025 (<https://mis.cnm.gov.kh/Dashboard>)
- Malaria Cases in Indonesia, accessed June 3, 2025 (<https://malaria.kemkes.go.id/case>)
- Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed June 3, 2025 (<https://www.facebook.com/CCEH.MoH.Lao/>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health Singapore, accessed June 3, 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 June 3, 2025 (https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y)

Vaccine- Preventable Diseases

A person wearing a white lab coat is shown from the chest up, holding a 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 syringe has a scale with numbers 1, 2, 3, 4, and 5. The background is a soft, out-of-focus blue and white.

MEASLES

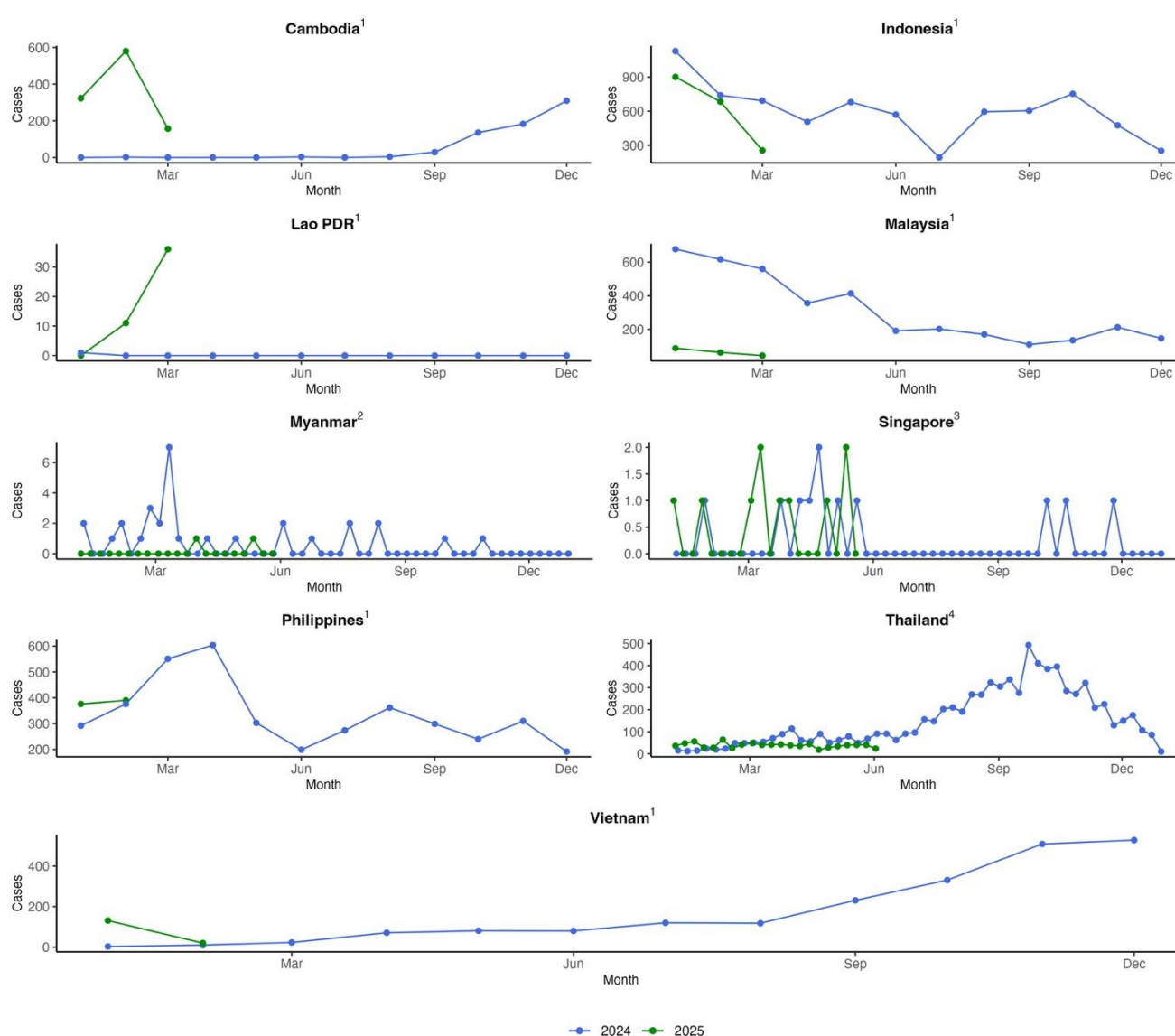
Measles Cases in the ASEAN Region

From December 29, 2024 to May 31, 2025 (Epi-Week 22, 2025)

Key Findings

- The **ASEAN** region reported **23** new measles cases in Epiweek 22, 2025.
- Up to May 31, 2025, the region reported **4,904** 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 June 3, 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 June 3, 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 June 3, 2025 (<http://doe.moph.go.th/surdata/index.php>)



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