



**ASEAN
BIOLOGICAL THREATS
SURVEILLANCE CENTRE**

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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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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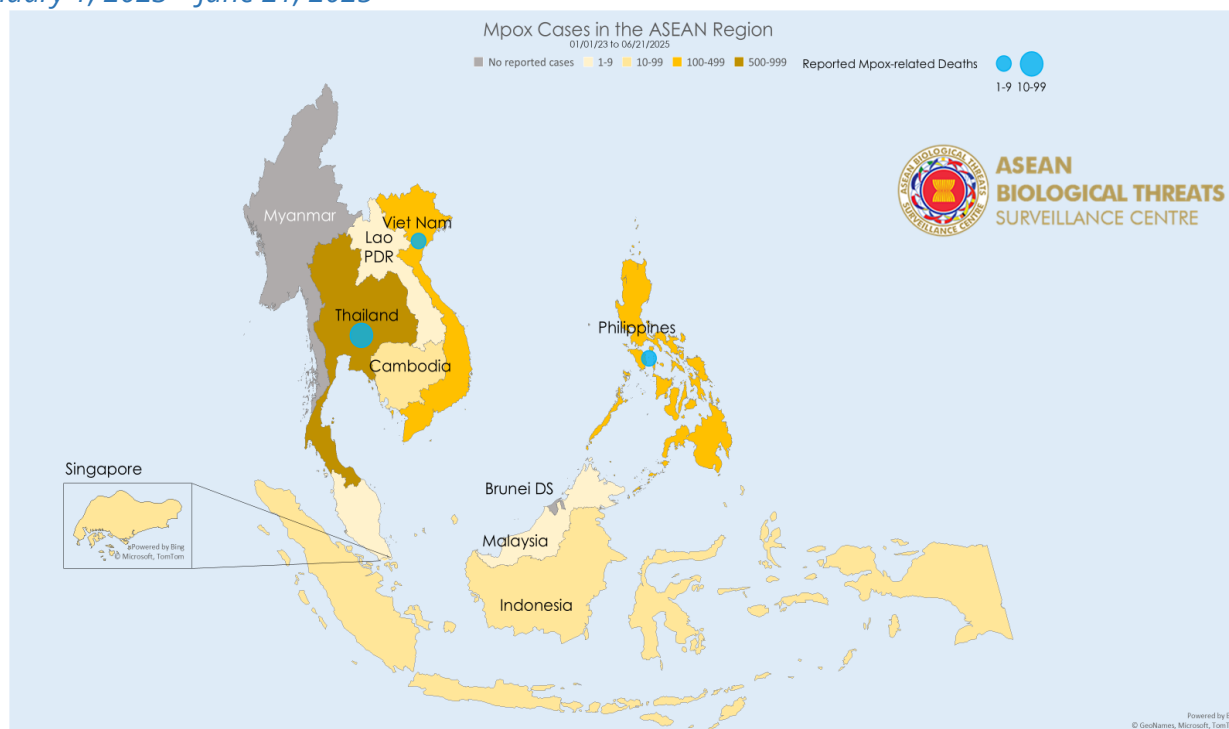
Emerging Diseases

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 hospital.

MPOX

Mpox Cases Reported in the ASEAN Region

January 1, 2023 – June 21, 2025



Key Findings

- From 1 January 2023 to 21 June 2025, **63,208** confirmed cases worldwide since 2023, including **295** deaths. Globally, the CFR was **0.47 %**.
- 1,405 confirmed cases** including **26 deaths** in the **ASEAN** region, with a CFR of **1.85%**.
- 61,803 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 Jun. 21, 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	15	0	0	0.00%
Philippines³	132	0	4	3.03%
Singapore⁴	56	1	0	0.00%
Thailand³	874	10	13	1.47%
Vietnam³	209	0	9	4.31%
ASEAN Total	1,405	11	26	1.85%

Source:

- Ministry of Health Cambodia
- Ministry of Health Republic of Indonesia
- WHO Mpox Outbreak: Global Trends, accessed June 24, 2025 (https://worldhealthorg.shinyapps.io/mpox_global/)
- Ministry of Health Singapore, accessed June 24, 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 Jun. 21, 2025)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	22,884	3,245	51	0.22%
Uganda	6,634	908	44	0.66%
United States of America	4,910	143	10	0.20%
Brazil	3,450	78	2	0.06%
People's Republic of China	3,181	203	1	0.03%

Source: Our World in Data, accessed on June 24, 2025 (<https://ourworldindata.org/monkeypox>)

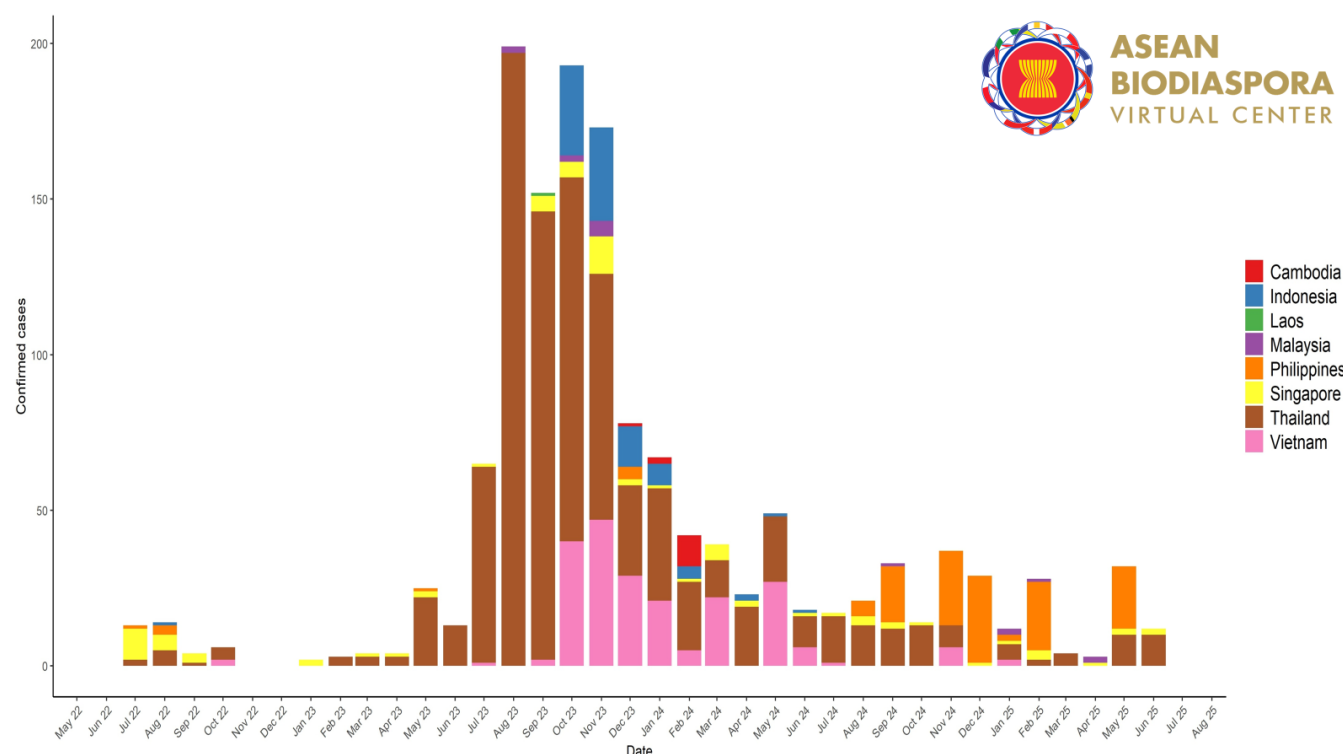
Mpox cases per region (Jan. 1, 2023 to Jun. 21, 2025)

REGIONS	CUMULATIVE CASES 2023-2025	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	38,237	38,237	135	0.35%
AMERICAS	11,614	394	99	0.85%
ASEAN	1,405	11	26	1.85%
ASIA & OCEANIA	7,599	240	31	0.41%
EUROPE	4,353	288	4	0.09%
TOTAL	63,208	39,170	295	0.47%

Source: Our World in Data, accessed on June 24, 2025 (<https://ourworldindata.org/monkeypox>)

Trend of Mpox Confirmed Cases in the ASEAN Region

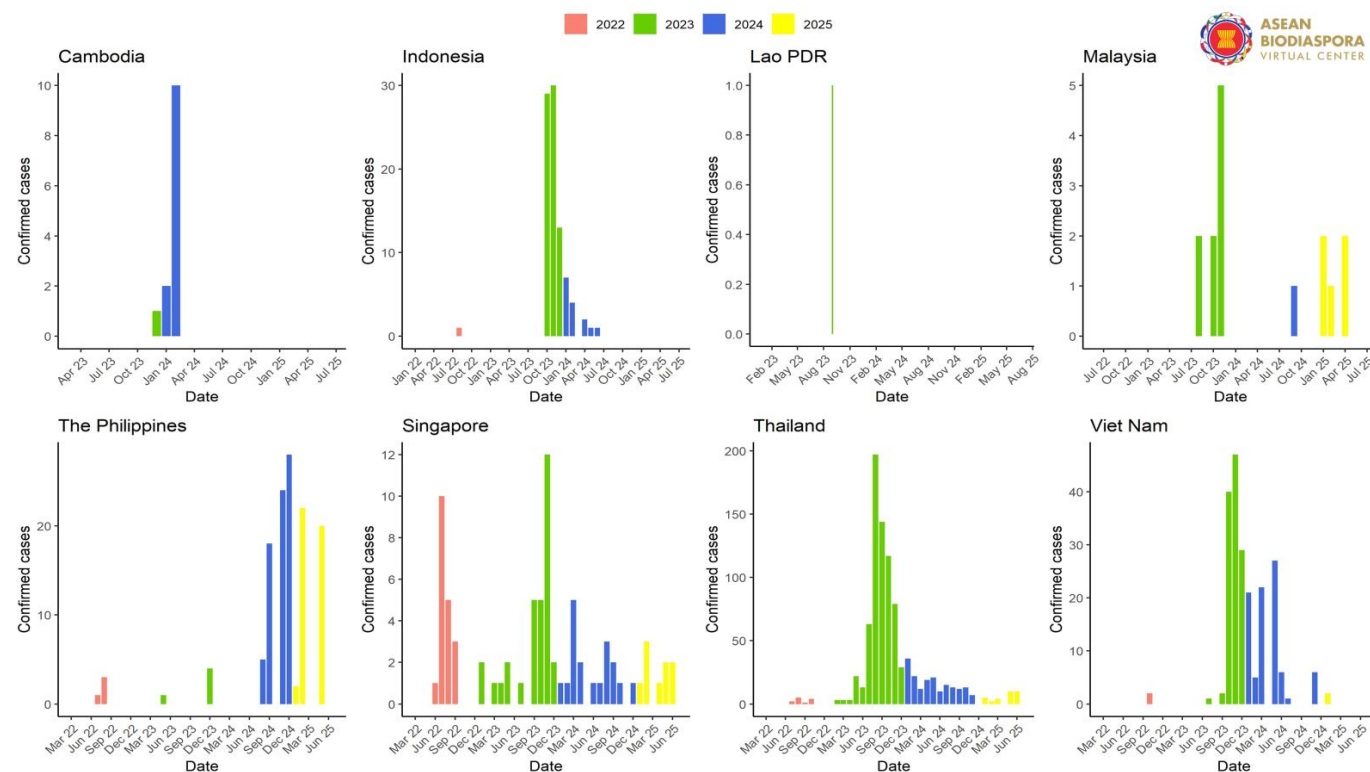
January 1, 2022 to June 21, 2025



Source: Our World in Data, accessed on June 24, 2025 (<https://ourworldindata.org/monkeypox>)

Trend of Mpox Confirmed Cases among ASEAN Member States

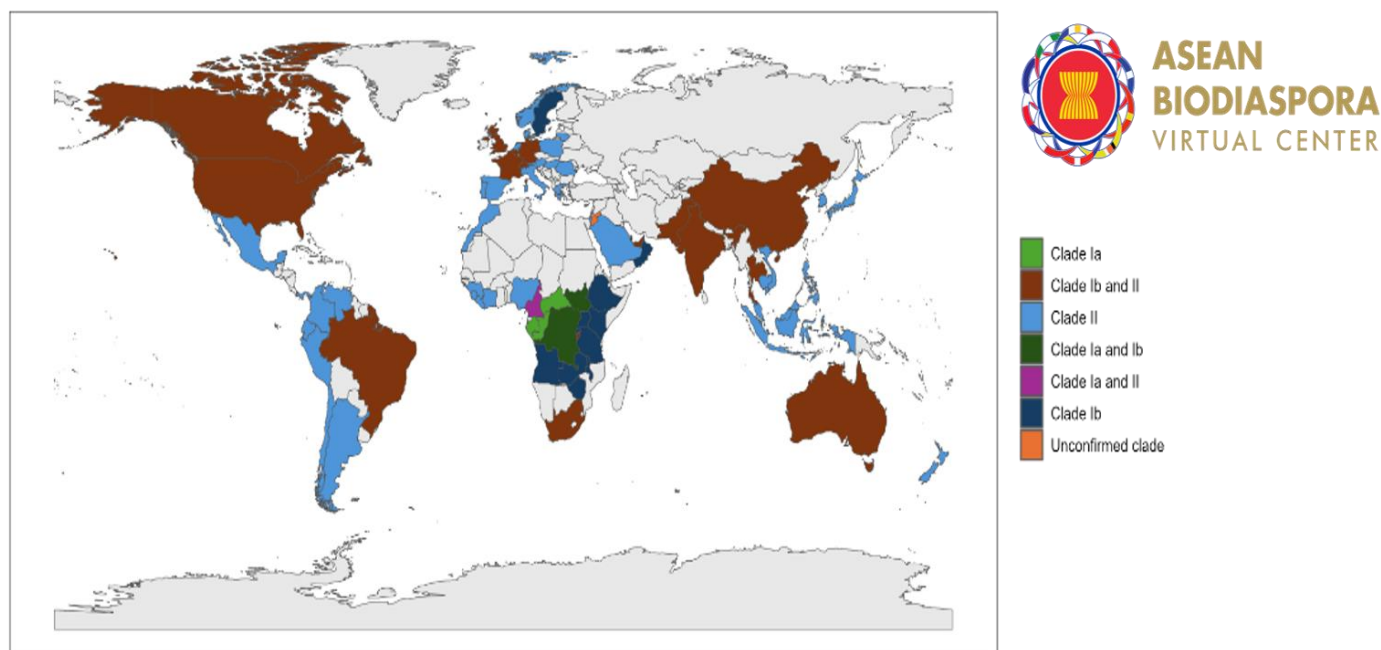
January 1, 2022 to June 21, 2025



Distribution of Mpox Variants in The Global

As of June 21, 2025

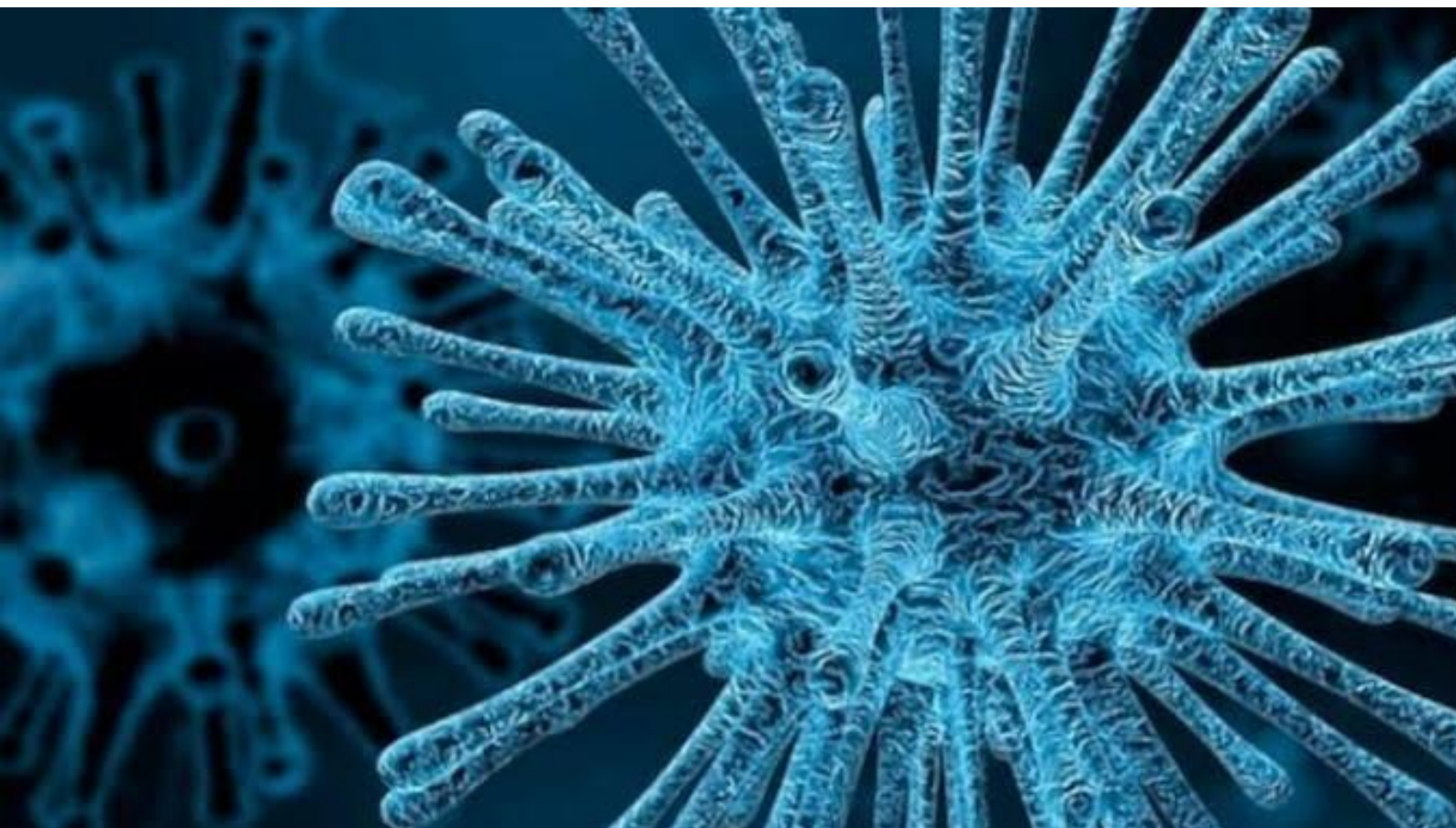
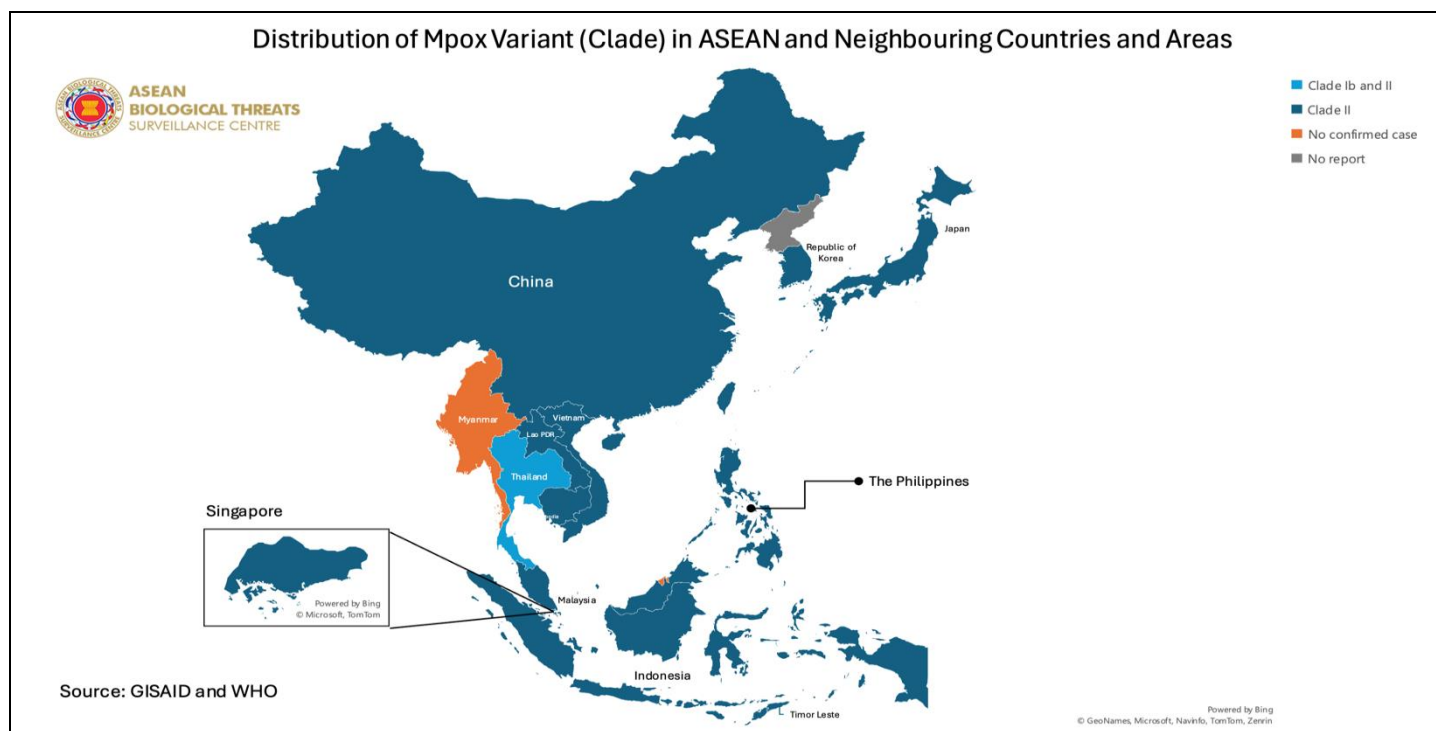
Distribution of Mpox Variant (Clade) in The Global



Source: GISAID and WHO



Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas As of June 21, 2025



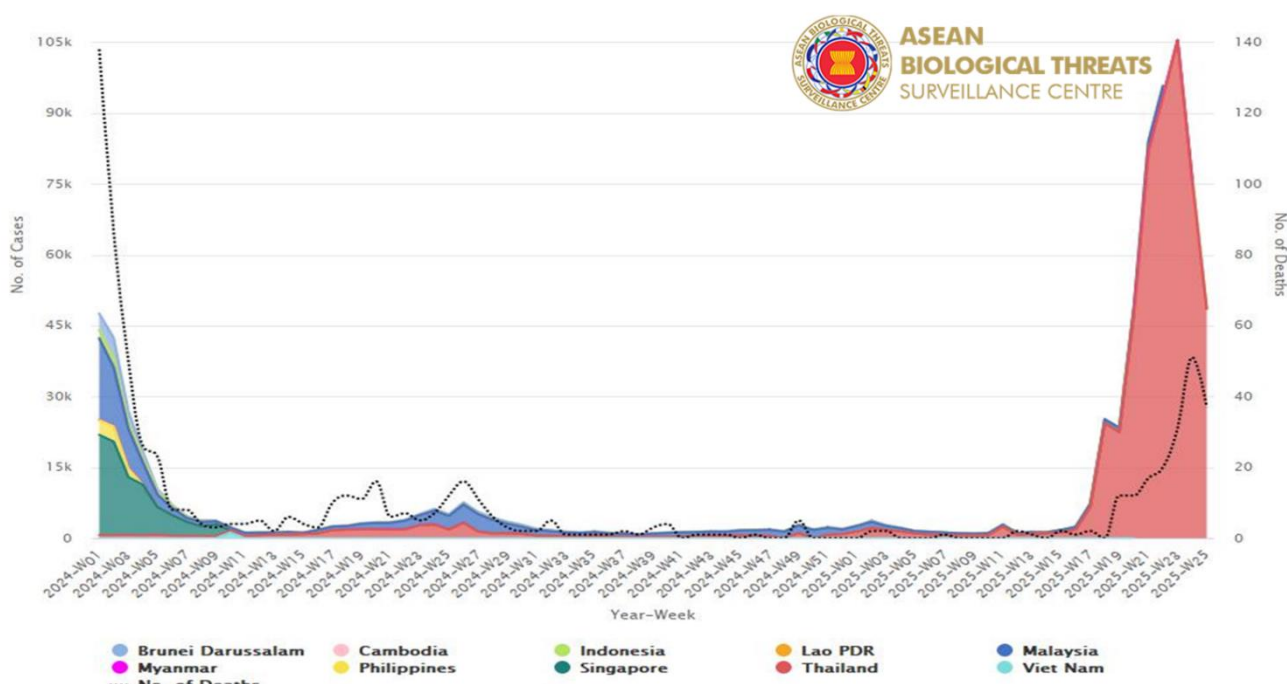
COVID-19

Key Findings

- As of 21 June 2025 (5PM, GMT+7), there were **777,956,348** confirmed cases **worldwide**, including **7,096,099 deaths**. Globally, the Case Fatality Rate (CFR) was **0.91%**.
- 37,637,577 total confirmed cases** of COVID-19 have been reported in the **ASEAN Region**.
- The CFR in the **ASEAN Region** was **0.98%**.
- NB.1.8.1** variant show a dominance number in Thailand, Singapore, and Vietnam. Meanwhile, Cambodia shows dominance in **Omicron B.1.1.529+BA.*** variant.

ASEAN Weekly COVID-19 Cases and Deaths

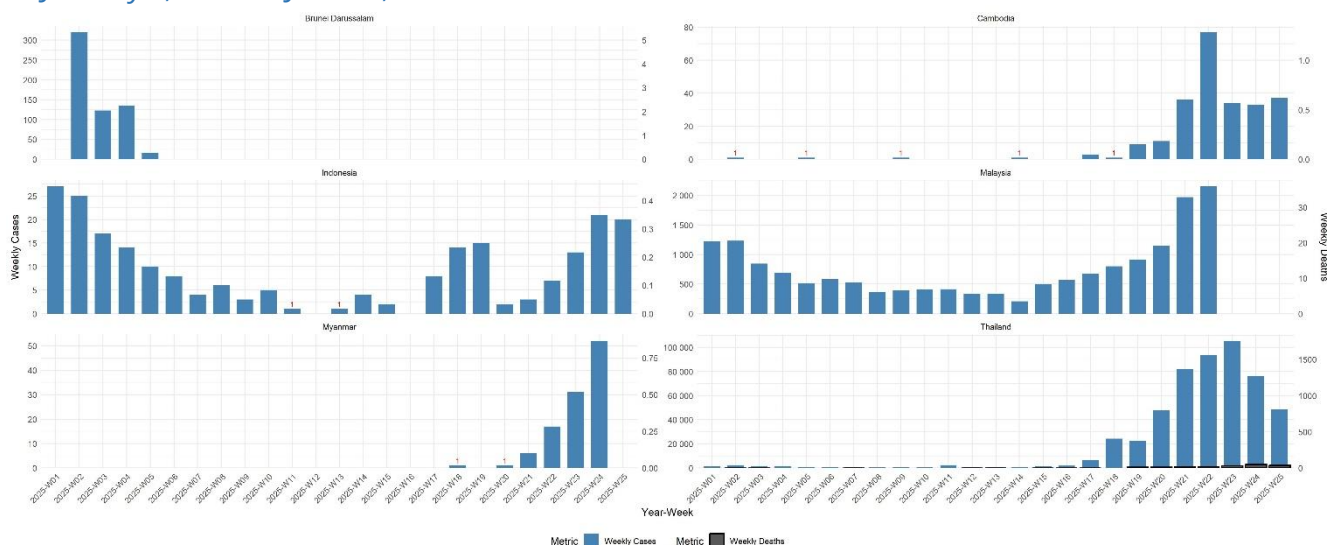
From January 1, 2024 to June 21, 2025



Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), [MOH Myanmar](#), [MOH Malaysia](#), and [WHO](#) accessed on June 24, 2025

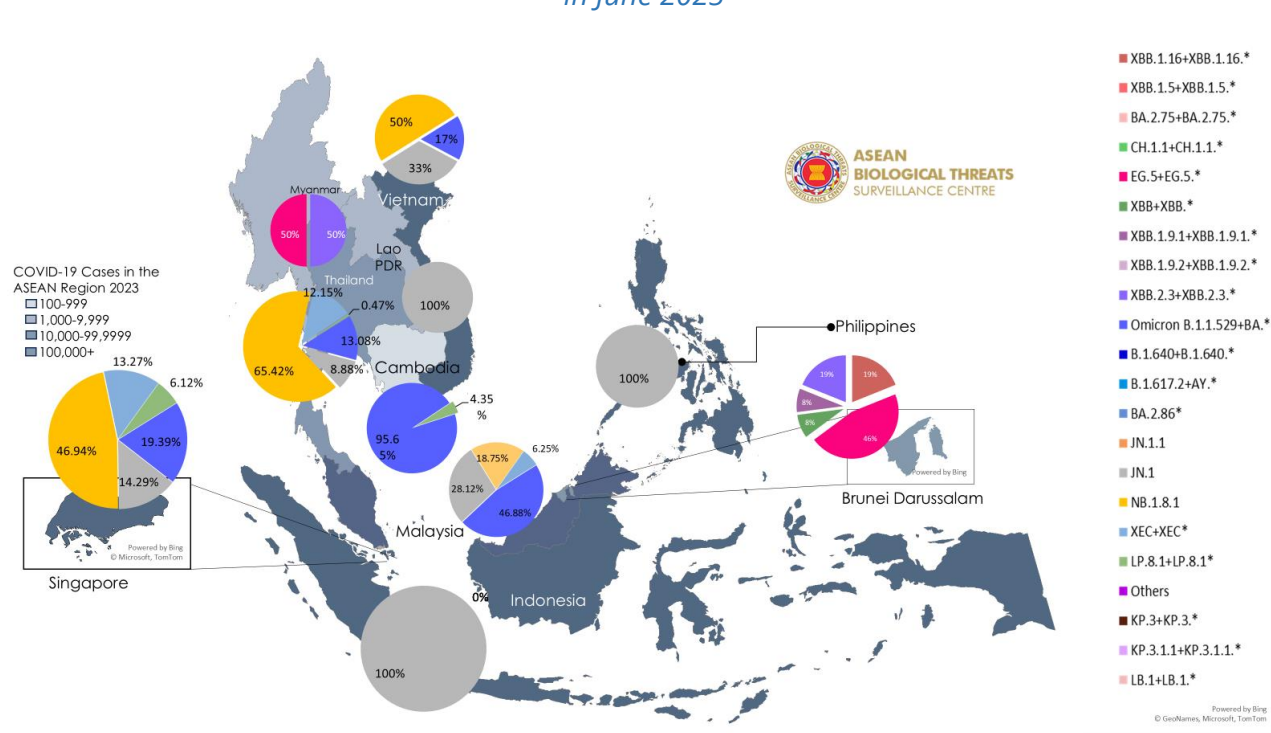
ASEAN Weekly COVID-19 Cases and Deaths among ASEAN Member States

From January 1, 2024 to June 21, 2025

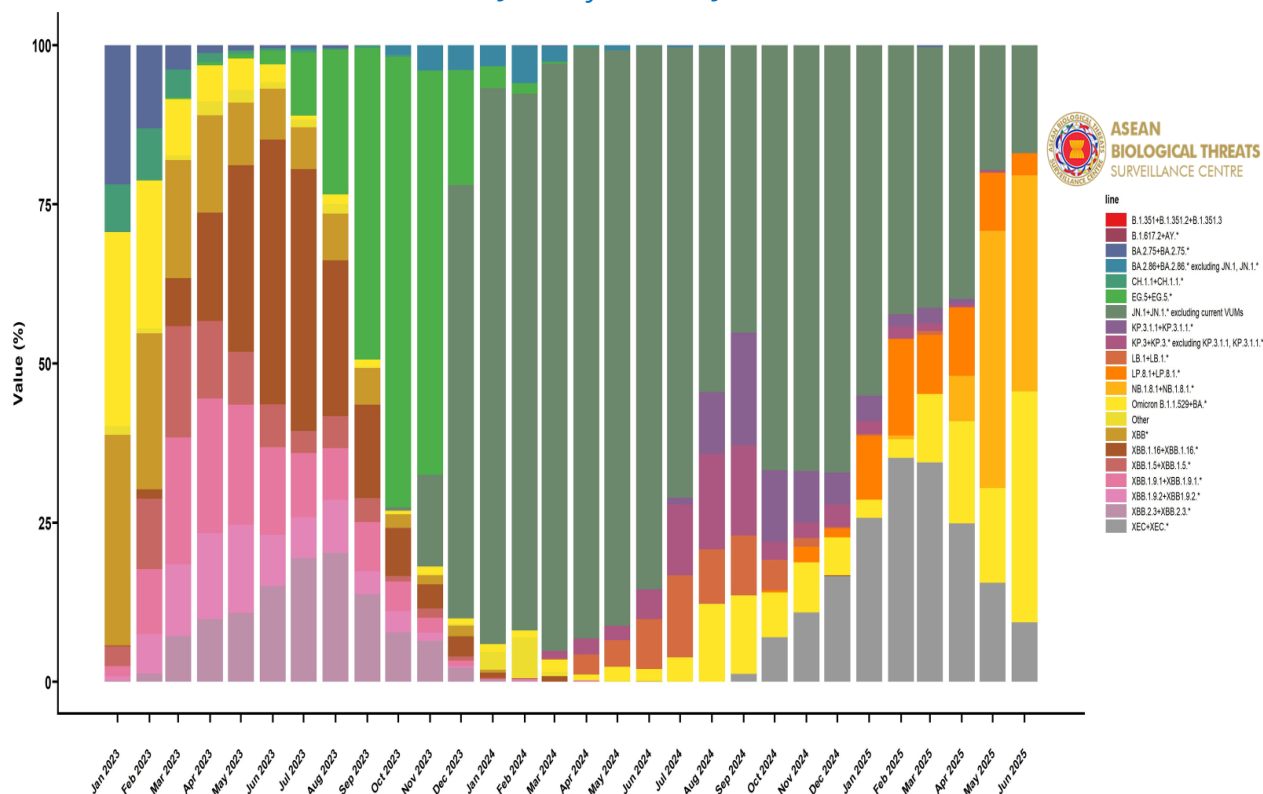


Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), [MOH Myanmar](#), [MOH Malaysia](#), and [WHO](#) accessed on June 24, 2025

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



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



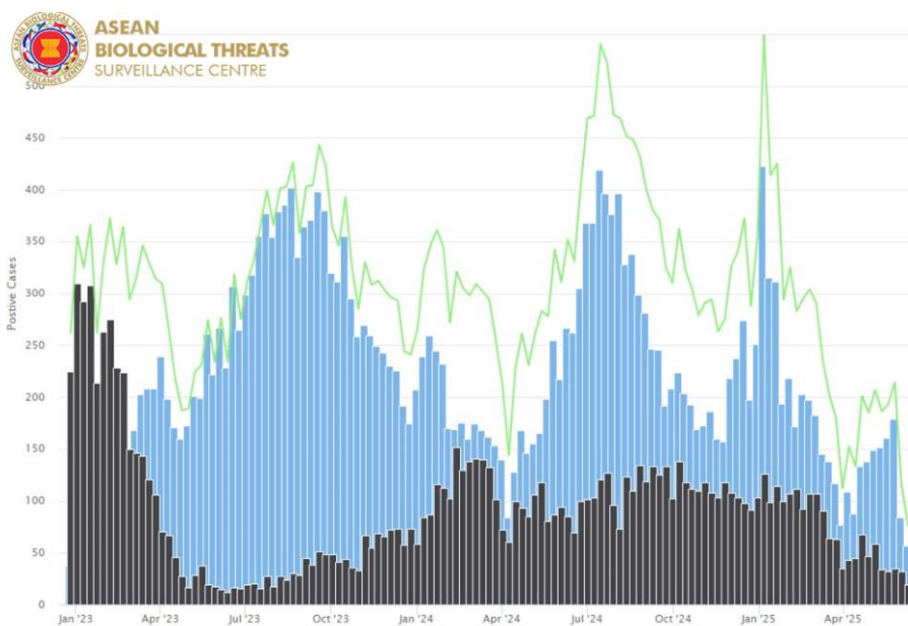
INFLUENZA

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

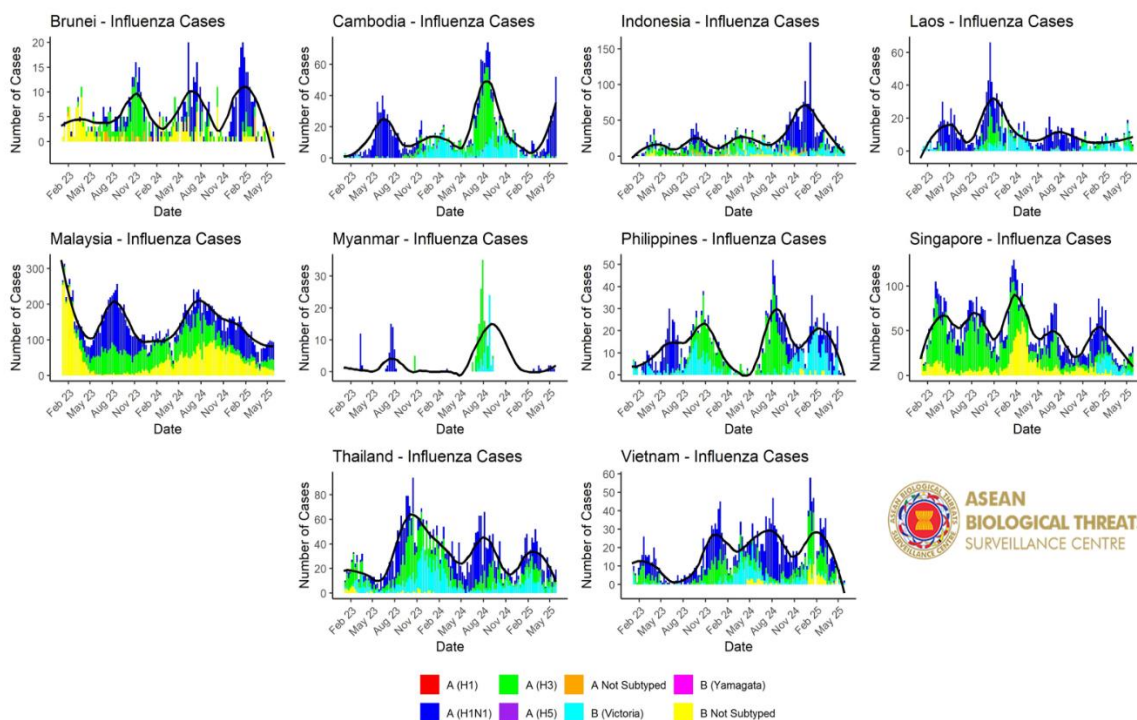
From January 1, 2023 to June 21, 2025



Source: WHO FluNet, accessed on June 24, 2025 (<https://www.who.int/tools/fluNet>)

Trend of Influenza Cases among ASEAN Member States

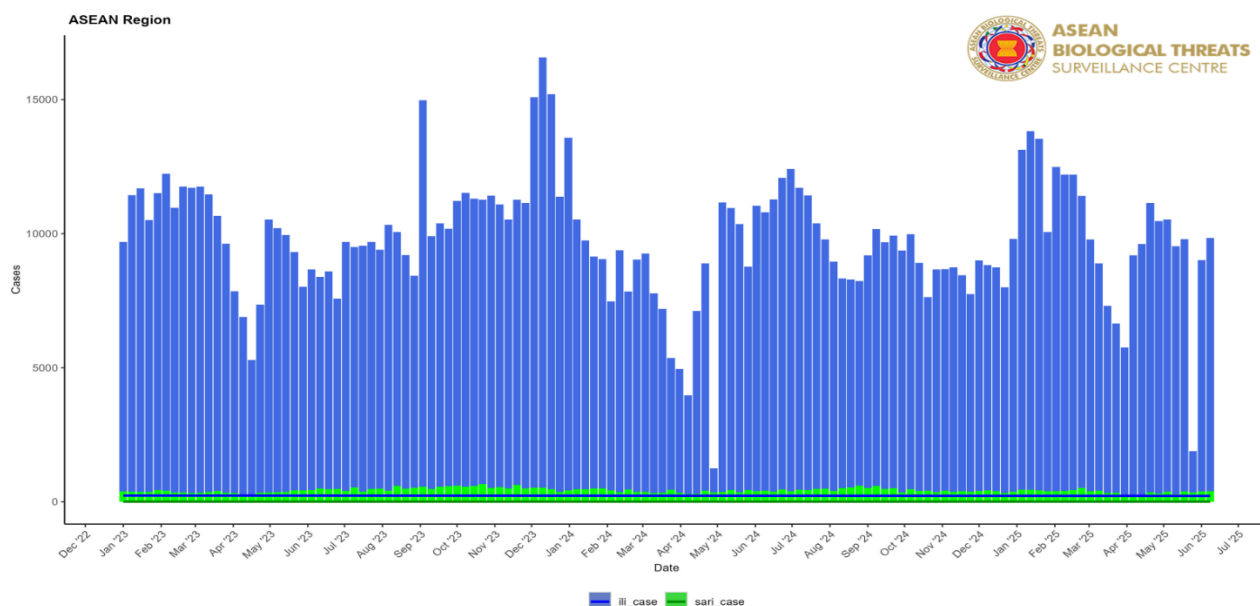
January 1, 2023 to June 21, 2025



Source: WHO FluNet, accessed on June 24, 2025 (<https://www.who.int/tools/fluNet>)

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

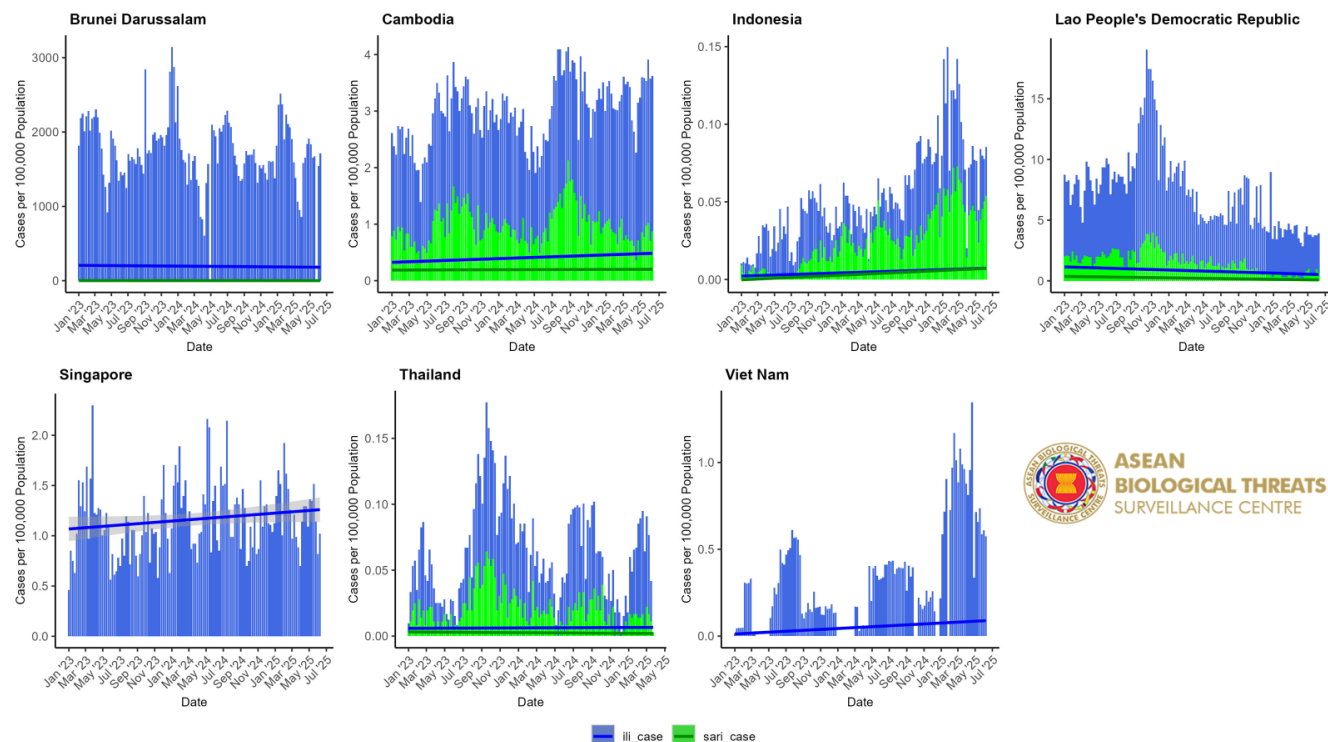
January 1, 2023 to June 21, 2025



Source: WHO FluID, accessed June 24, 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 June 21, 2025



Source: WHO FluID, accessed June 24, 2025 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-outputs>)

Zoonosis



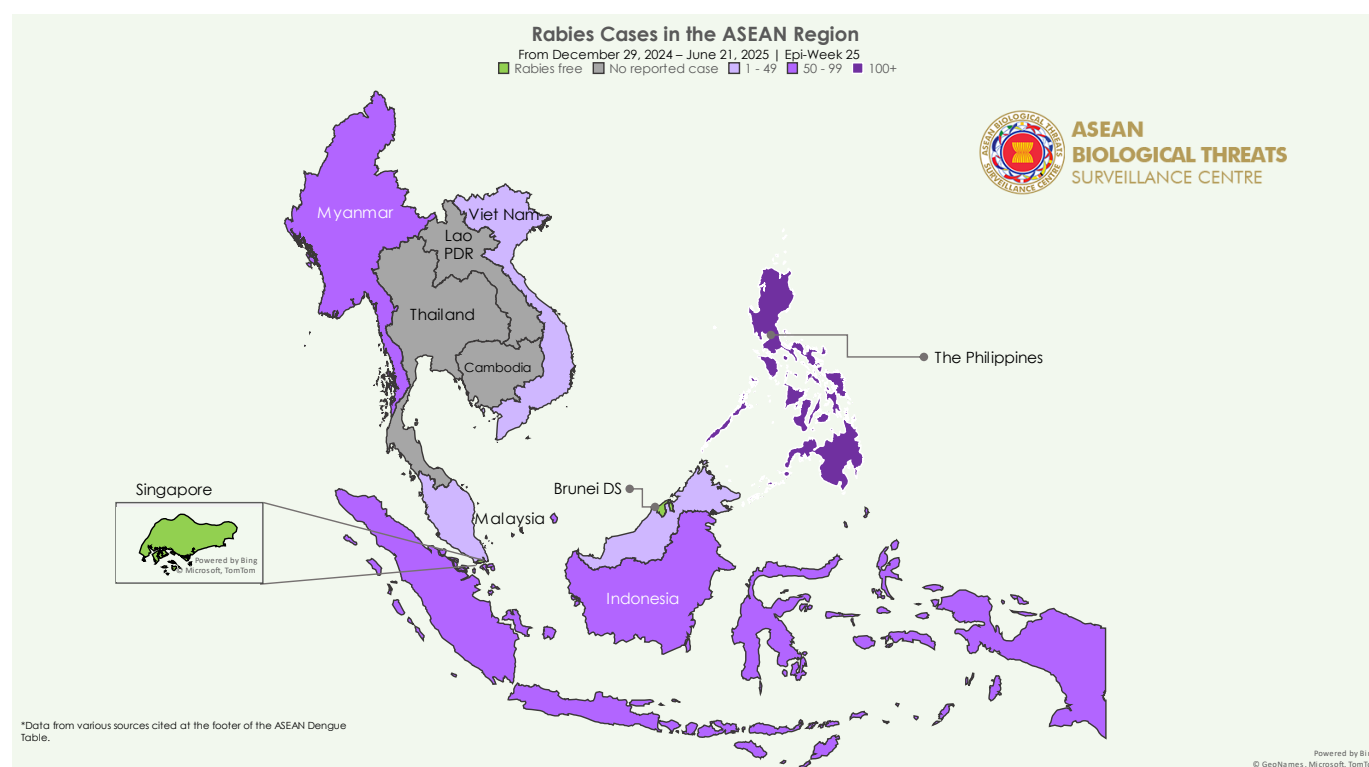
RABIES

Rabies Cases in the ASEAN Region

From December 29, 2024 to June 21, 2025 (Epi-Week 25, 2025)

Key Findings

- The **ASEAN** region reported **three** new rabies cases in Epiweek 25, 2025.
- Up to June 21, 2025, the region reported **283** 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 22	66	-	66	100%
Lao PDR	-	-	-	-	-
Malaysia²	Week 23	1	-	1	100%
Myanmar³	Week 24	58	3	58	100%
Philippines²	Week 22	124	-	124	100%
Singapore			Rabies-free country		
Thailand	-	-	-	-	-
Viet Nam²	Week 23	34	-	34	100%
Total		283	3	283	100%

Source:

- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed June 24, 2025 (<https://portal.bluedot.global/>)
- Department of Public Health, Ministry of Health, Myanmar

Vector-Borne Diseases



DENGUE

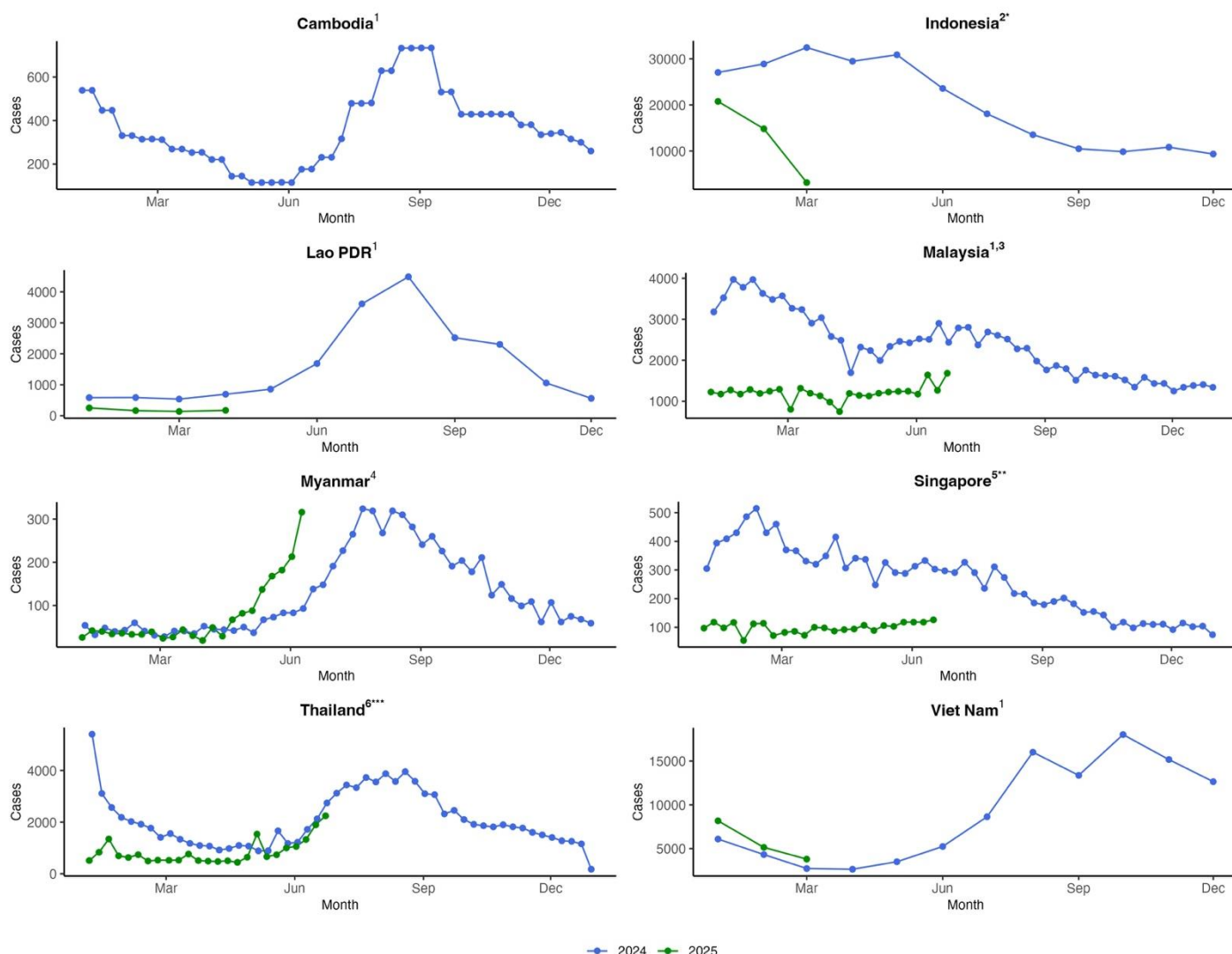
Dengue Cases in the ASEAN Region

From December 29, 2024 to June 21, 2025 (Epi-Week 25, 2025)

Key Findings

- The **ASEAN** region reported **4,371** new dengue cases in Epiweek 25, 2025.
- Up to June 21, 2025, the region reported **112,061** total cases and **230** 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 higher trend of cases compared to previous year.

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



Source:

- WHO WPRO, "Dengue," World Health Organization, accessed June 24, 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 24, 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 24, 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 24, 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

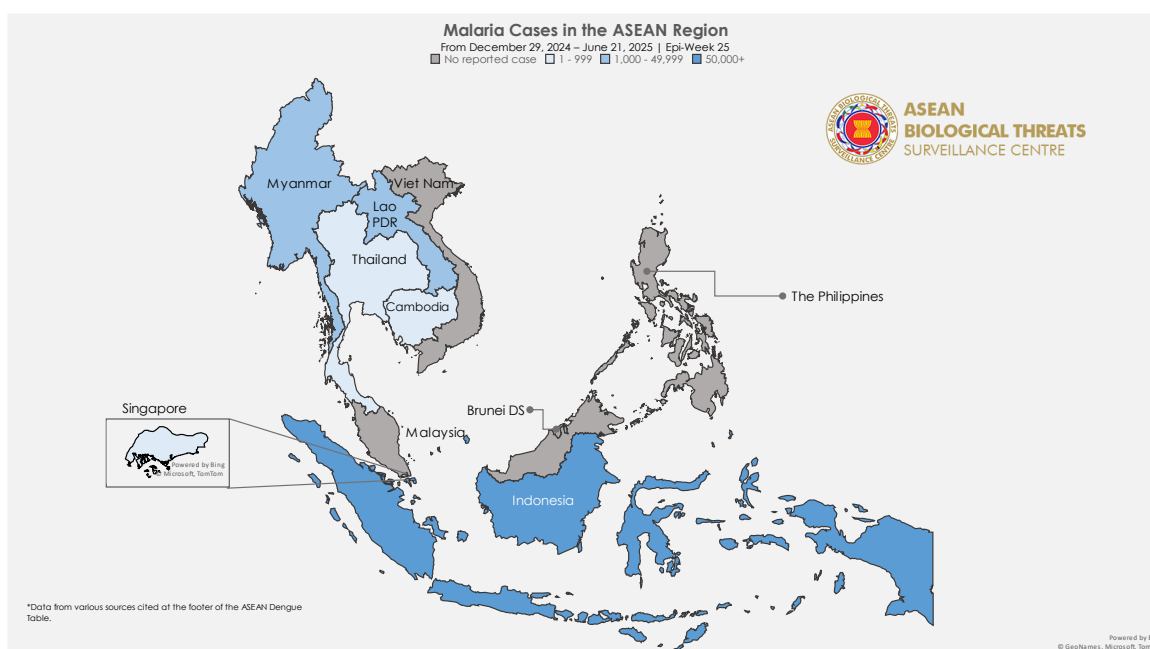
MALARIA

Malaria Cases in the ASEAN Region

From December 29, 2024 to June 14, 2025 (Epi-Week 24, 2025)

Key Findings

- The **ASEAN** region reported **15,606** new malaria cases in Epiweek 24, 2025.
- Up to June 14, 2025, the region reported **305,349** total cases and **60** 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 25	285	52	0	0.00%
Indonesia²	Week 25	279,375	12,386	60	0.02%
Lao PDR³	Week 25	2,249	350	0	0.00%
Malaysia	-	-	-	-	-
Myanmar⁴	Week 23	36,275	2,143	4	0.012%
Philippines	-	-	-	-	-
Singapore⁵	Week 24	15	3	0	0.00%
Thailand⁶	Week 24	2,239	169	2	0.10%
Viet Nam	-	-	-	-	-
Total		320,438	15,103	66	0.02%

Source:

- Cambodia National Malaria Center, accessed June 24, 2025 (<https://mis.cnm.gov.kh/Dashboard>)
- Malaria Cases in Indonesia, accessed June 24, 2025 (<https://malaria.kemkes.go.id/case>)
- Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed June 24, 2025 (<https://www.facebook.com/CCEH.MoH.Lao/>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health Singapore, accessed June 24, 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 17, 2025 (https://dvis3.ddc.moph.go.th/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-focus clinical setting with blue and white tones. The text 'Vaccine- Preventable Diseases' is overlaid in large white font on the left side of the image.

From December 29, 2024 to June 21, 2025 (Epi-Week 25, 2025)

- The **ASEAN** region reported **39** new measles cases in Epiweek 25, 2025.
- Up to June 21, 2025, the region reported **5,427** total cases with **0%** CFR.
- Mostly measles cases in the ASEAN Region slightly decrease compared to the same period on the previous year.

Figure 1 displays monthly cases in 2024 and 2025 for Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Singapore, Philippines, Thailand, and Vietnam. The charts show the following trends:

- Cambodia¹**: 2025 cases peaked in February (approx. 600) and then declined, while 2024 cases remained low until a slight increase in December.
- Indonesia¹**: 2024 cases peaked in January (approx. 1100) and then declined, while 2025 cases peaked in February (approx. 900) and then declined.
- Lao PDR¹**: 2025 cases peaked in April (approx. 50) and then declined, while 2024 cases remained low throughout the year.
- Malaysia¹**: 2024 cases peaked in January (approx. 650) and then declined, while 2025 cases peaked in February (approx. 100) and then declined.
- Myanmar²**: 2024 cases peaked in April (approx. 7) and then declined, while 2025 cases remained low throughout the year.
- Singapore³**: 2024 cases peaked in April (approx. 2.0) and then declined, while 2025 cases peaked in April (approx. 2.0) and then declined.
- Philippines¹**: 2024 cases peaked in April (approx. 600) and then declined, while 2025 cases peaked in April (approx. 550) and then declined.
- Thailand⁴**: 2024 cases peaked in September (approx. 500) and then declined, while 2025 cases peaked in April (approx. 100) and then declined.
- Vietnam¹**: 2024 cases peaked in December (approx. 450) and then declined, while 2025 cases peaked in April (approx. 150) and then declined.

1. Provisional Measles and Rubella Data, World Health Organization, accessed June 24, 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 June 24, 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 June 24, 2025 (<http://doe.moph.go.th/surdata/index.php>)



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