



**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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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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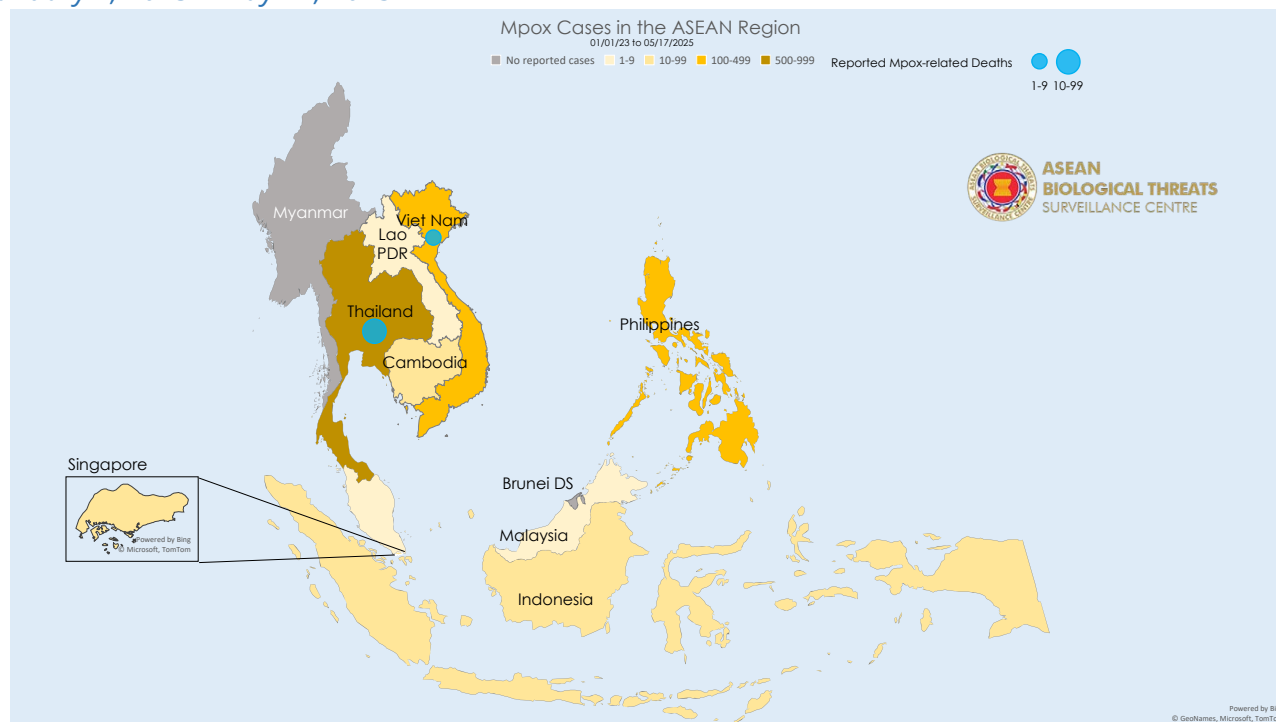
Emerging Diseases

A person wearing a full-body white protective suit, a hood, and a 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 – May 17, 2025



Source:

1. Ministry of Health Republic of Indonesia
2. Ministry of Health Singapore, accessed May 20, 2025, <https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>

Key Findings

- From 1 January 2023 to 17 May 2025, **51,391** confirmed cases worldwide since 2023, including **270** deaths. Globally, the CFR was **0.53 %**.
- **1,354 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 May. 17, 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	104	0	4	3.85%
Singapore⁴	54	0	0	0.00%
Thailand³	864	0	13	1.50%
Vietnam³	209	0	9	4.31%
ASEAN Total	1,354	0	26	1.92%

Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia
3. WHO Mpox Outbreak: Global Trends, accessed May 20, 2025 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Ministry of Health Singapore, accessed May 20, 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. 17, 2025)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	17,814	0	51	0.29%
Uganda	5,386	0	40	0.74%
United States of America	4,638	0	10	0.22%
Brazil	3,257	0	2	0.06%
People's Republic of China	2,906	0	1	0.03%

Source: Our World in Data, accessed on May 20, 2025 (<https://ourworldindata.org/monkeypox>)

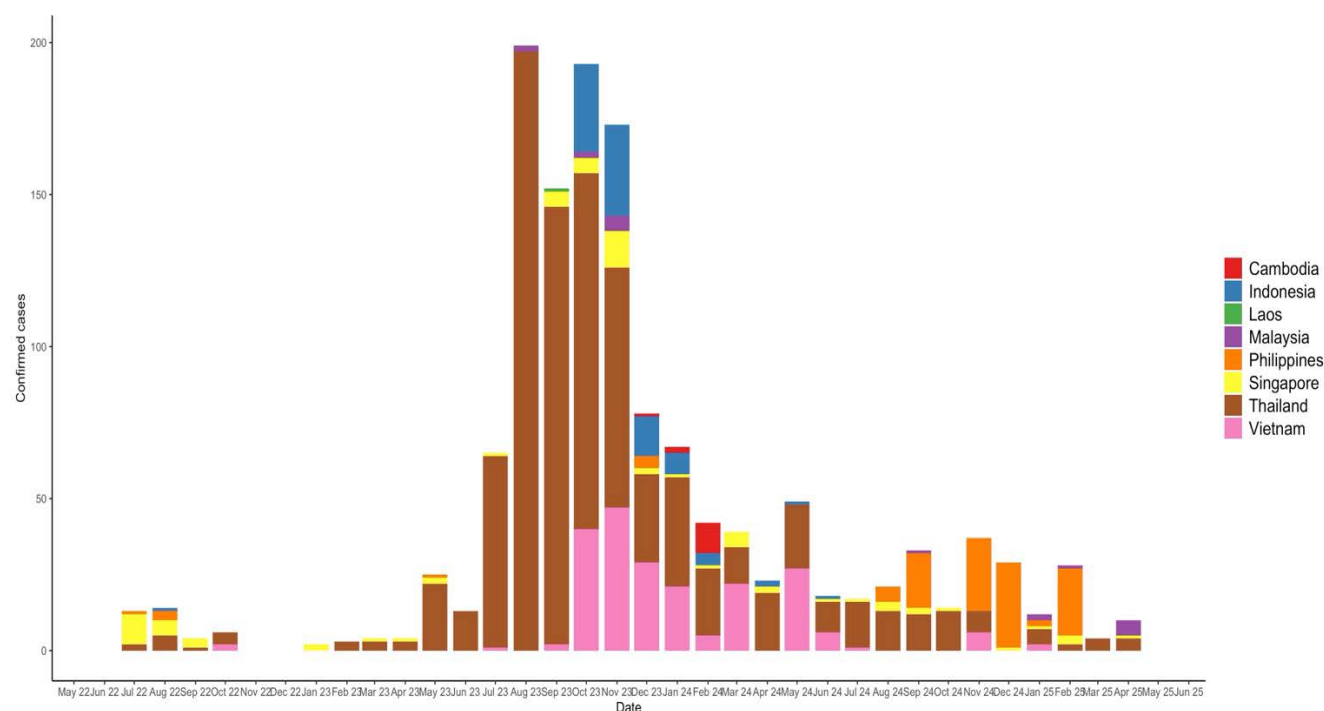
Mpox cases per region (Jan. 1, 2023 to May. 17, 2025)

REGIONS	CUMULATIVE CASES 2023-2025	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	28,801	0	111	0.39%
AMERICAS	10,933	0	99	0.91%
ASEAN	1,354	0	26	1.92%
ASIA & OCEANIA	7,228	0	30	0.42%
EUROPE	3,778	0	4	0.11%
TOTAL	52,094	0	270	0.52%

Source: Our World in Data, accessed on May 20, 2025 (<https://ourworldindata.org/monkeypox>)

Trend of Mpox Confirmed Cases in the ASEAN Region

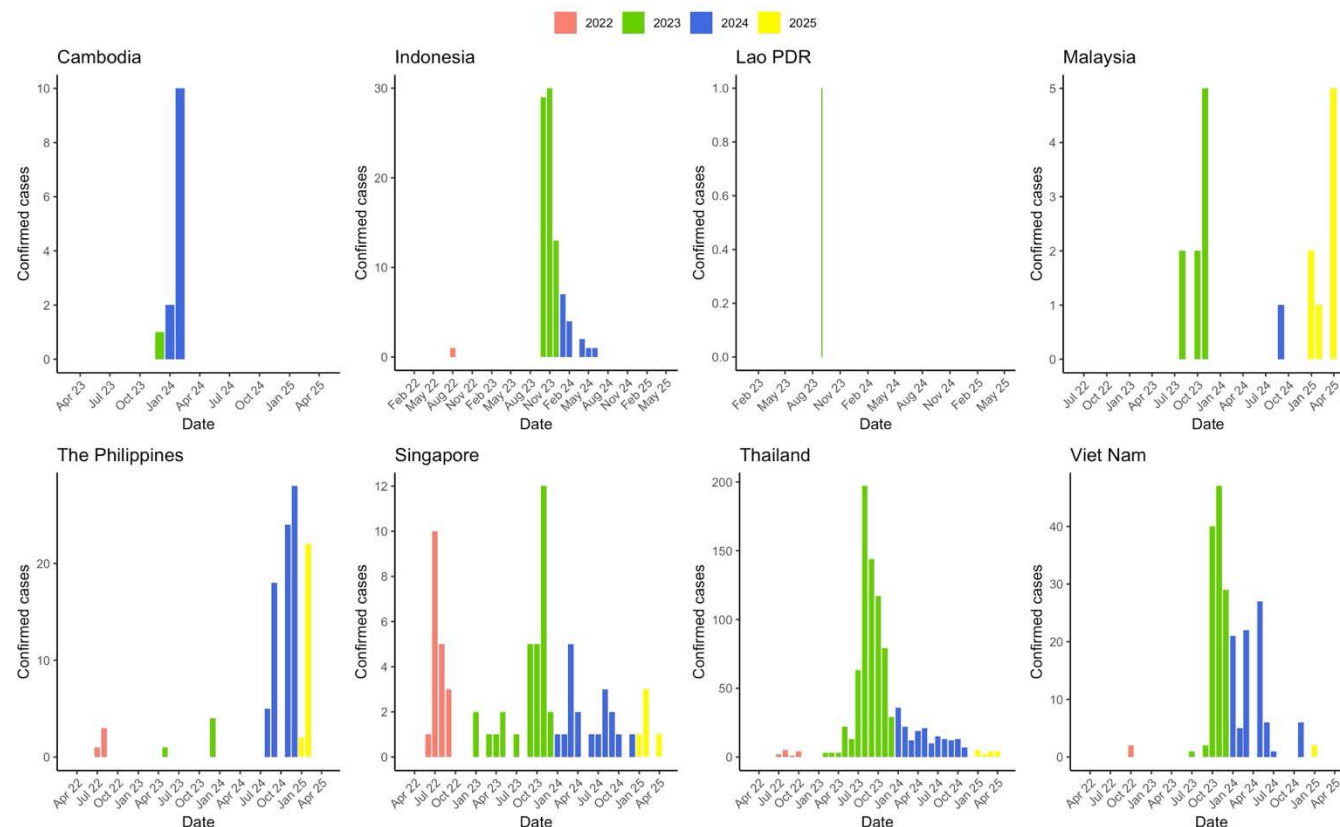
January 1, 2022 to May 17, 2025



Source: Our World in Data, accessed on May 20, 2025 (<https://ourworldindata.org/monkeypox>)

Trend of Mpox Confirmed Cases among ASEAN Member States

January 1, 2022 to May 17, 2025

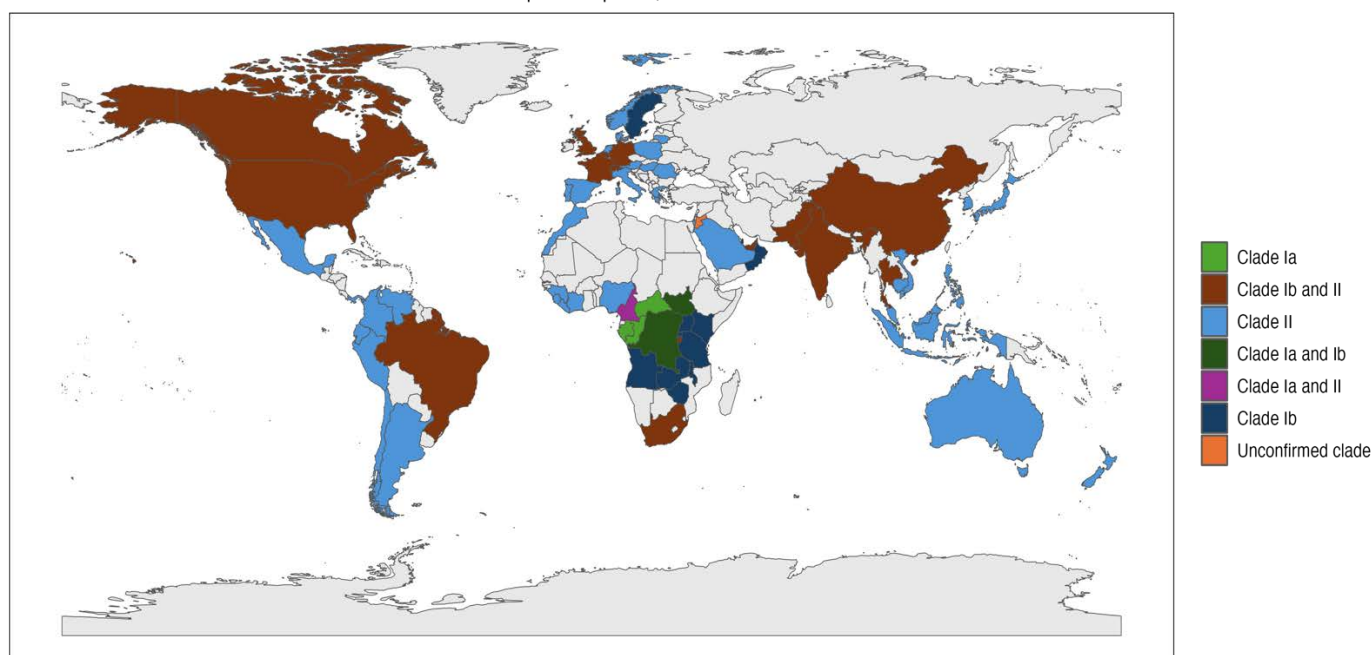


Source: Our World in Data, accessed on May 20, 2025 (<https://ourworldindata.org/monkeypox>)

Distribution of Mpox Variants in The Global

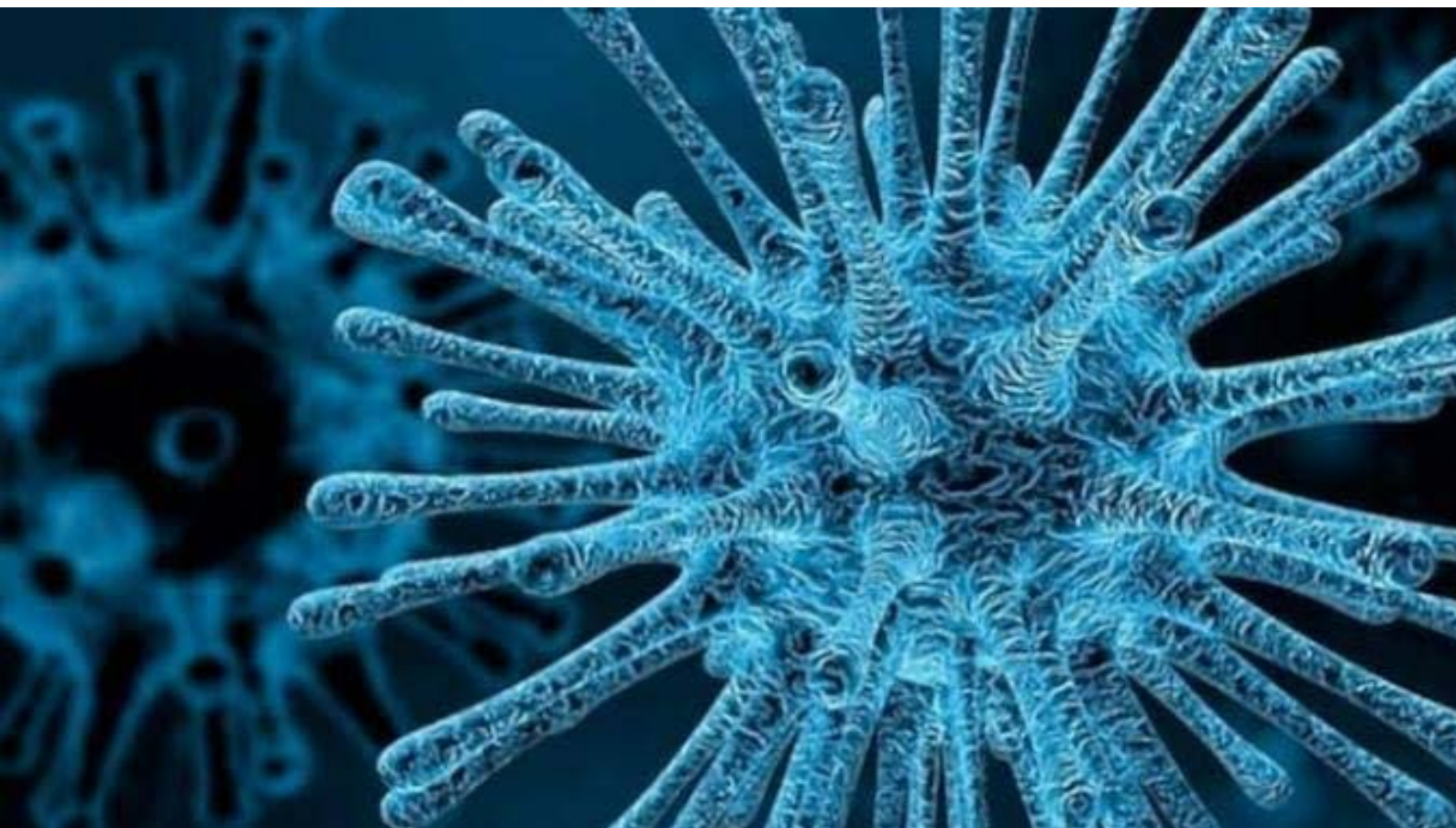
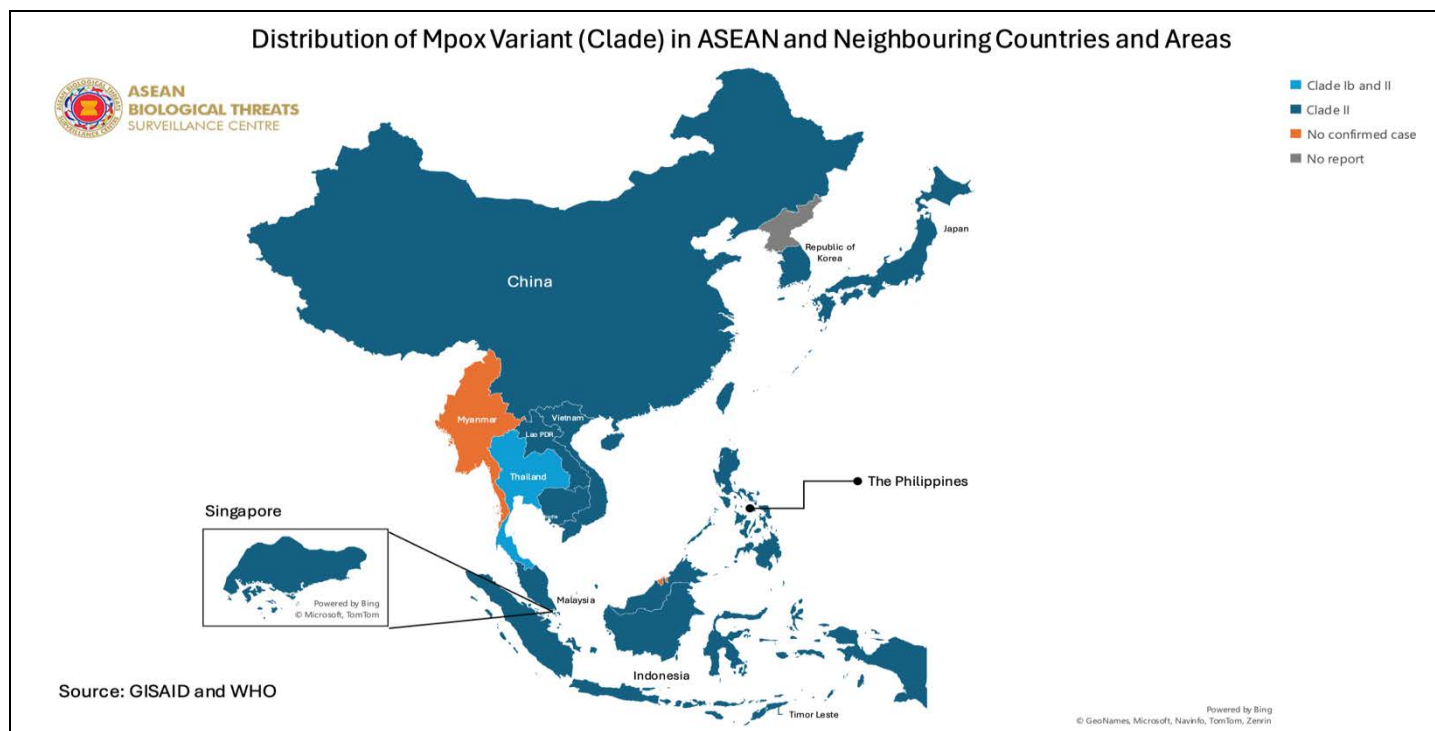
As of May 17, 2025

Distribution of Mpox Variant (Clade) in The Global





Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas As of May 17, 2025



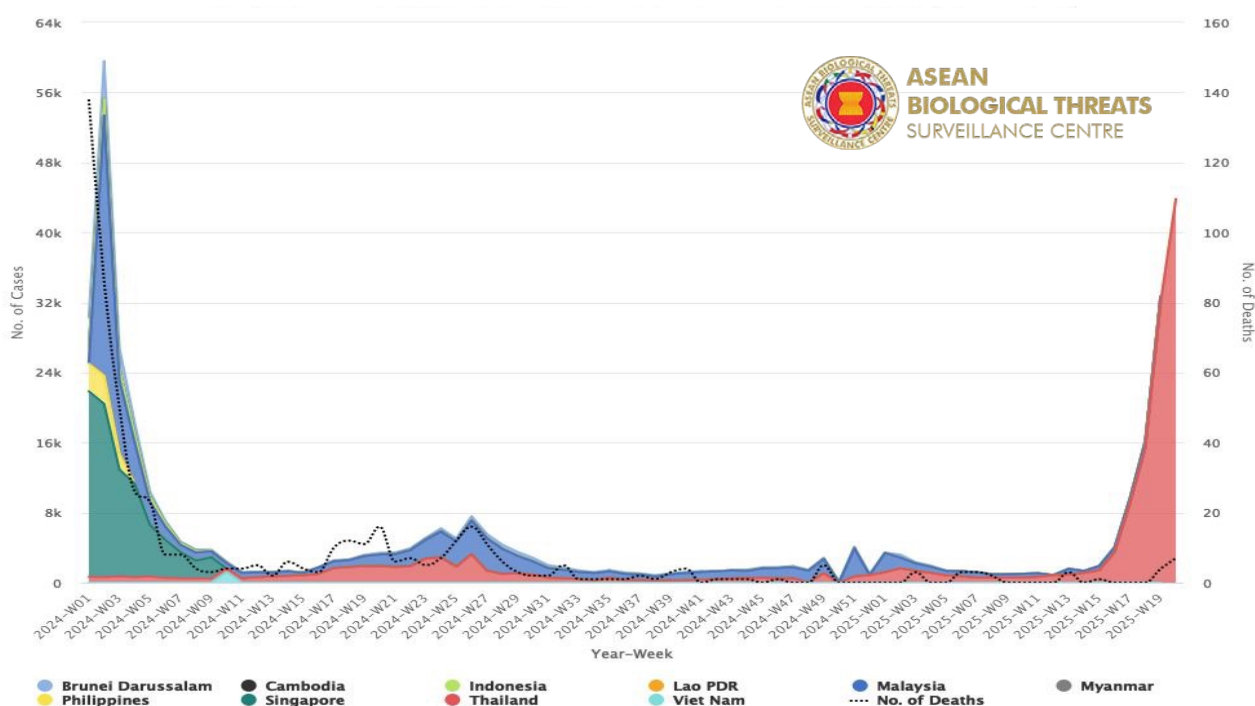
COVID-19

Key Findings

- As of 17 May 2025 (5PM, GMT+7), there were **704,971,478** confirmed cases **worldwide**, including **7,010,849 deaths**. Globally, the Case Fatality Rate (CFR) was **1.00%**.
- 37,220,785 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

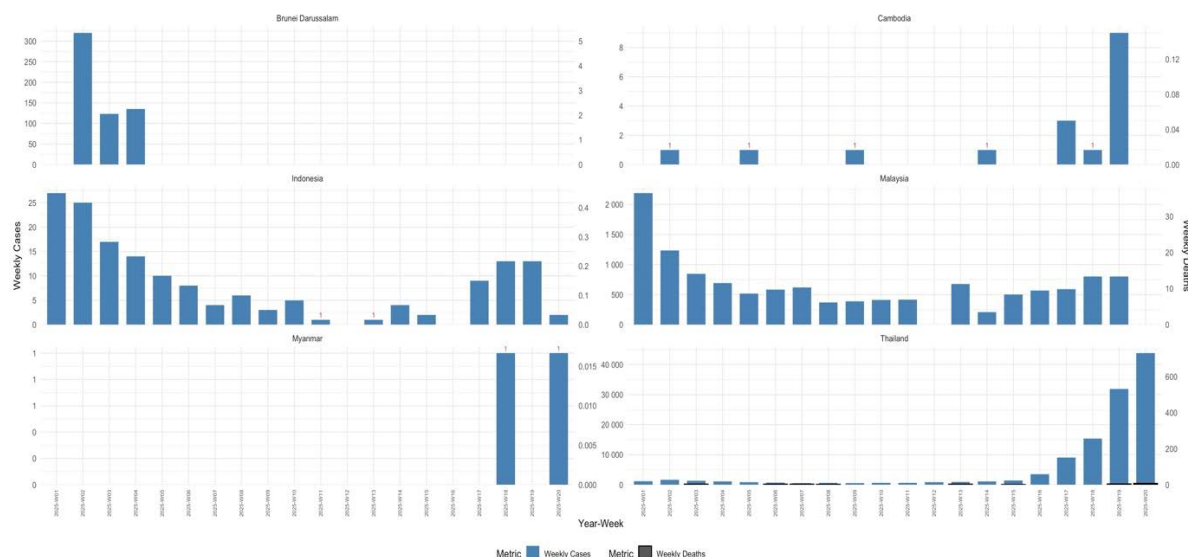
From January 1, 2024 to May 17, 2025



Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), [MOH Myanmar](#), [MOH Malaysia](#), and [WHO](#) accessed on May 20, 2025

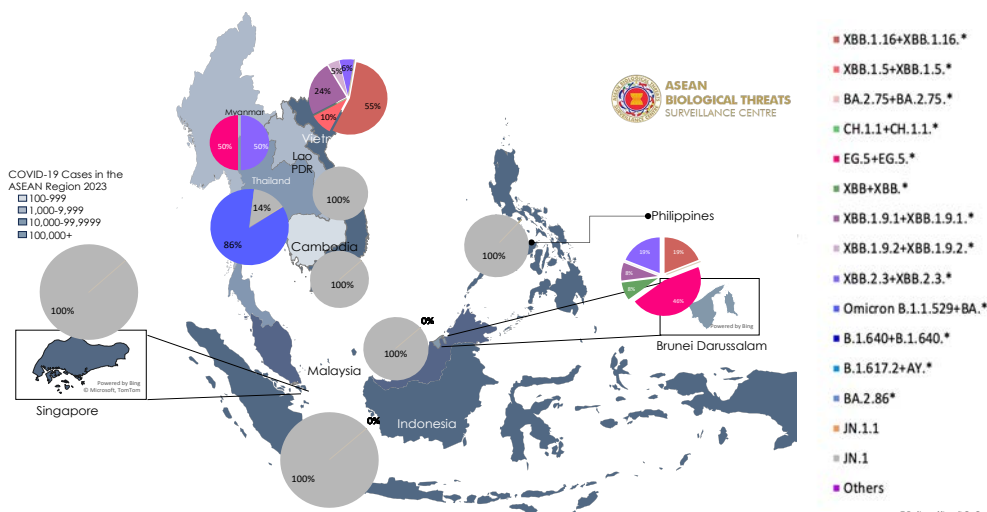
ASEAN Weekly COVID-19 Cases and Deaths among ASEAN Member States

From January 1, 2024 to May 17, 2025



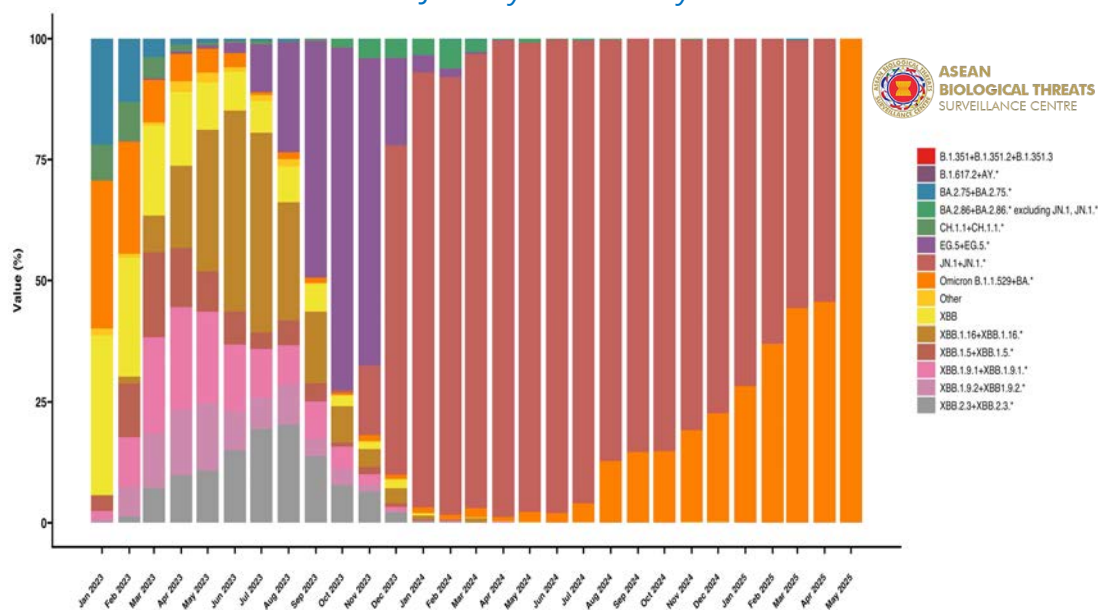
Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), [MOH Myanmar](#), [MOH Malaysia](#), and [WHO](#) accessed on May 20, 2025

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



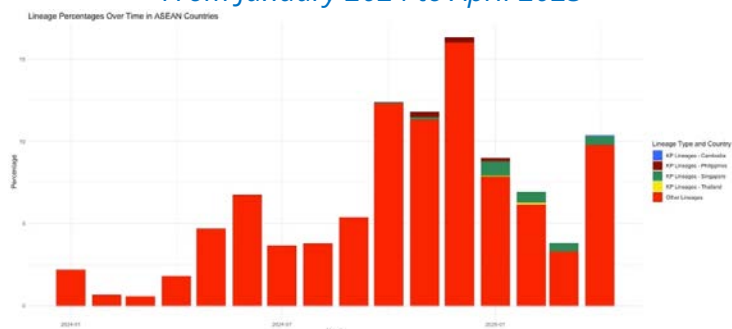
Source: GISAID. "hCoV-19 Variants Dashboard," accessed May 13, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

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



Source: GISAID. "hCoV-19 Variants Dashboard," accessed May 20, 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 May 20, 2025 (<https://gisaid.org/hcov-19-variants-dashboard/>)

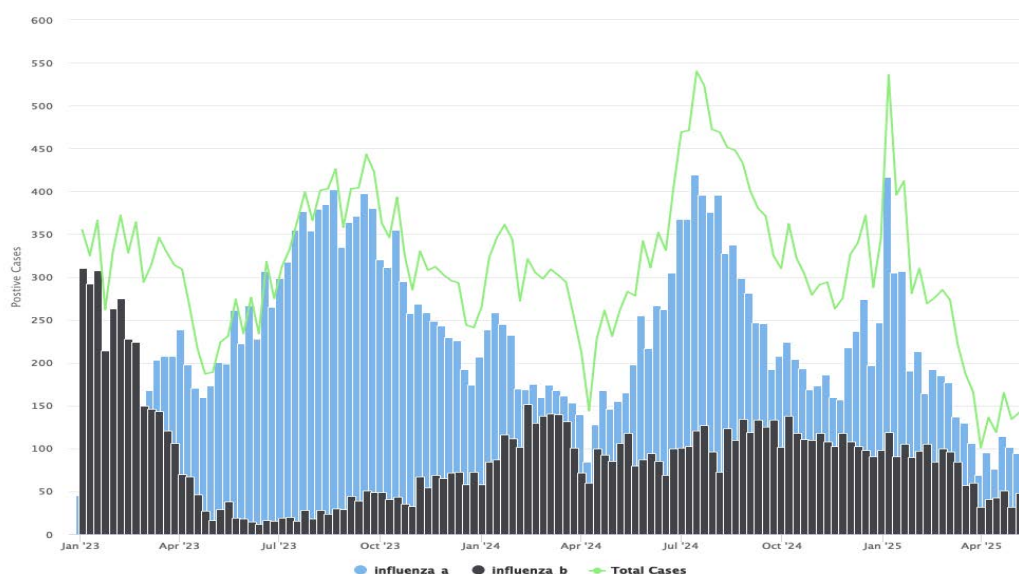
INFLUENZA

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

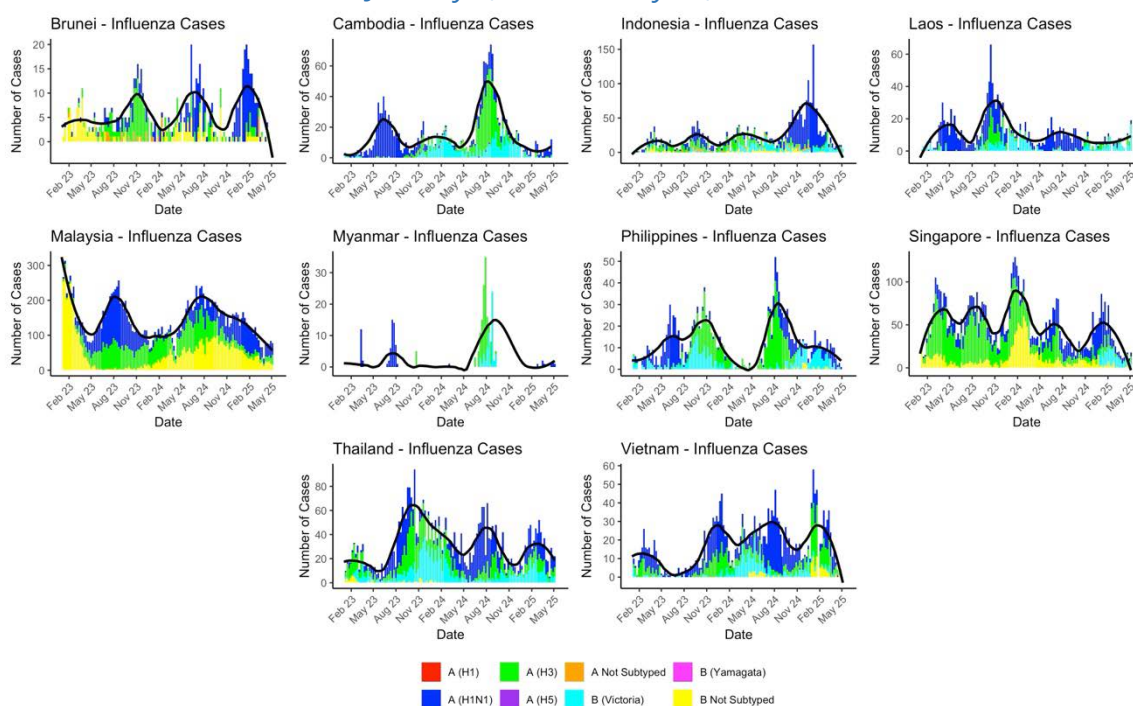
From January 1, 2023 to May 17, 2025



Source: WHO FluNet, accessed on May 20, 2025 (<https://www.who.int/tools/fluNet>)

Trend of Influenza Cases among ASEAN Member States

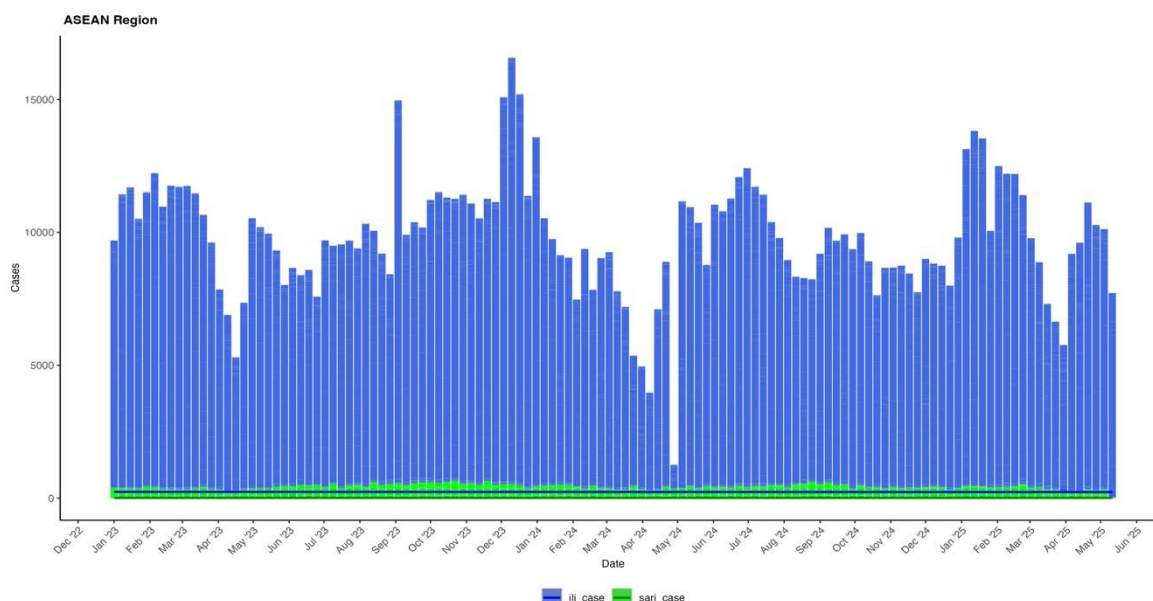
January 1, 2023 to May 17, 2025



Source: WHO FluNet, accessed on May 20, 2025 (<https://www.who.int/tools/fluNet>)

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

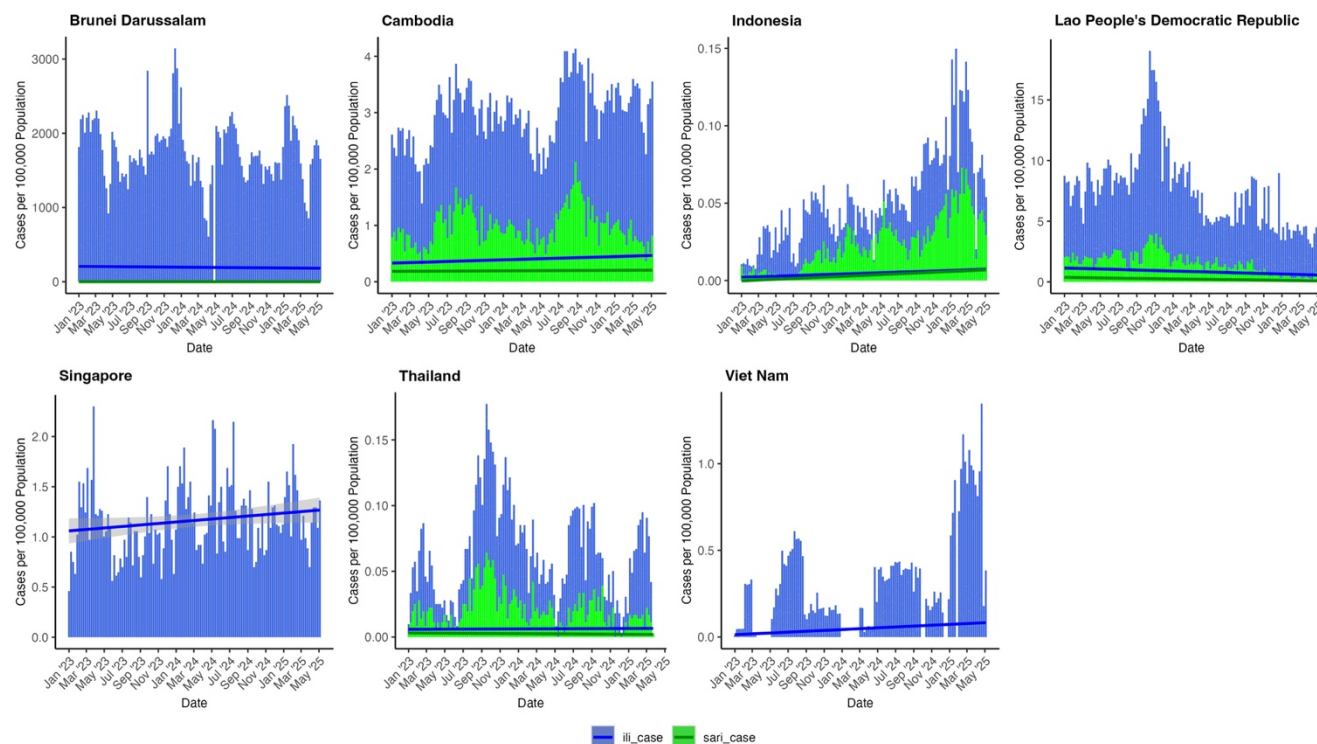
January 1, 2023 to May 17, 2025



Source: WHO FluID, accessed May 20, 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 17, 2025



Source: WHO FluID, accessed May 20, 2025 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-outputs>)

Zoonosis



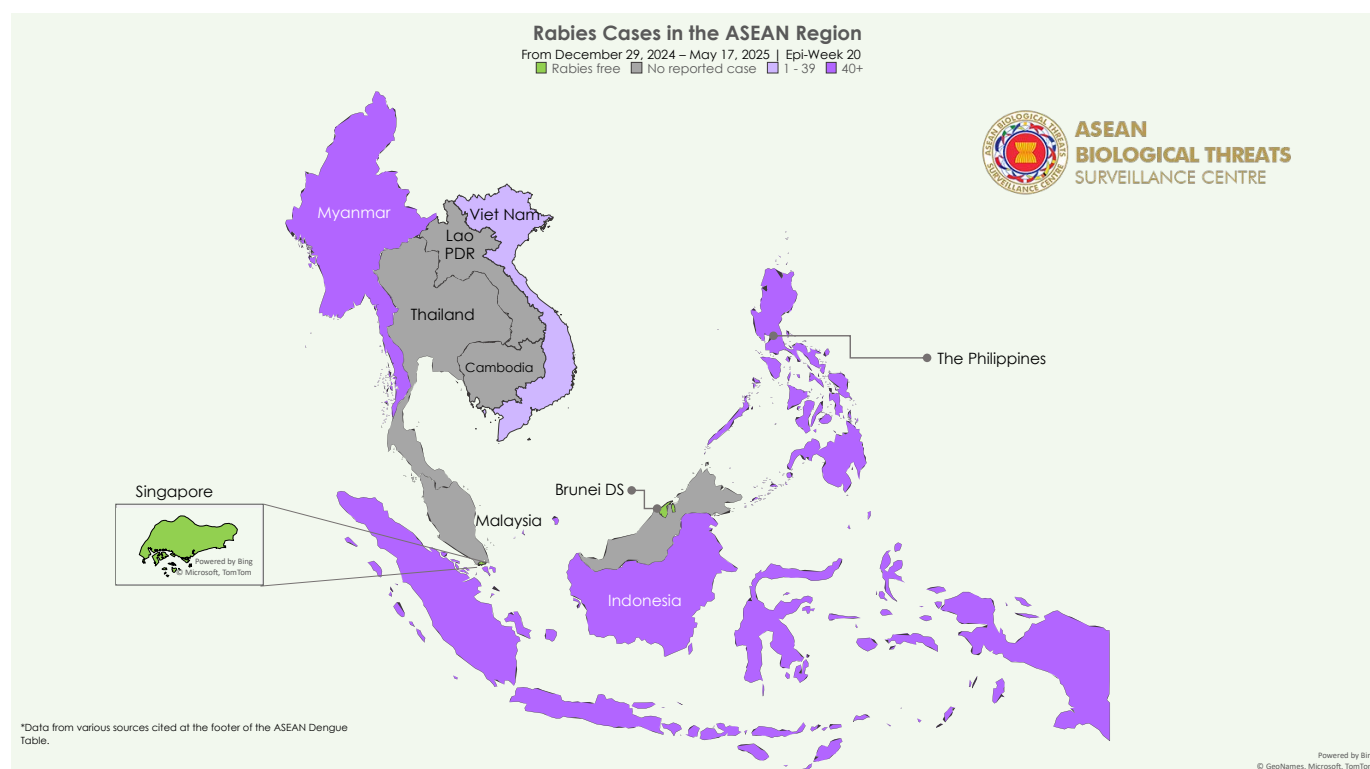
RABIES

Rabies Cases in the ASEAN Region

From December 29, 2024 to May 17, 2025 (Epi-Week 20, 2025)

Key Findings

- The **ASEAN** region reported **one** new rabies cases in Epiweek 20, 2025.
- Up to May 17, 2025, the region reported **171** 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 19	55	-	55	100%
Lao PDR	-	-	-	-	-
Malaysia²	-	-	-	-	-
Myanmar³	Week 20	45	1	45	100%
Philippines²	Week 9	55	-	55	100%
Singapore			Rabies-free country		
Thailand	-	-	-	-	-
Viet Nam²	Week 19	16	-	16	100%
Total		171	1	171	100%

Source:

- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed May 20, 2025 (<https://portal.bluedot.global/>)
- Department of Public Health, Ministry of Health, Myanmar

Vector-Borne Diseases



DENGUE

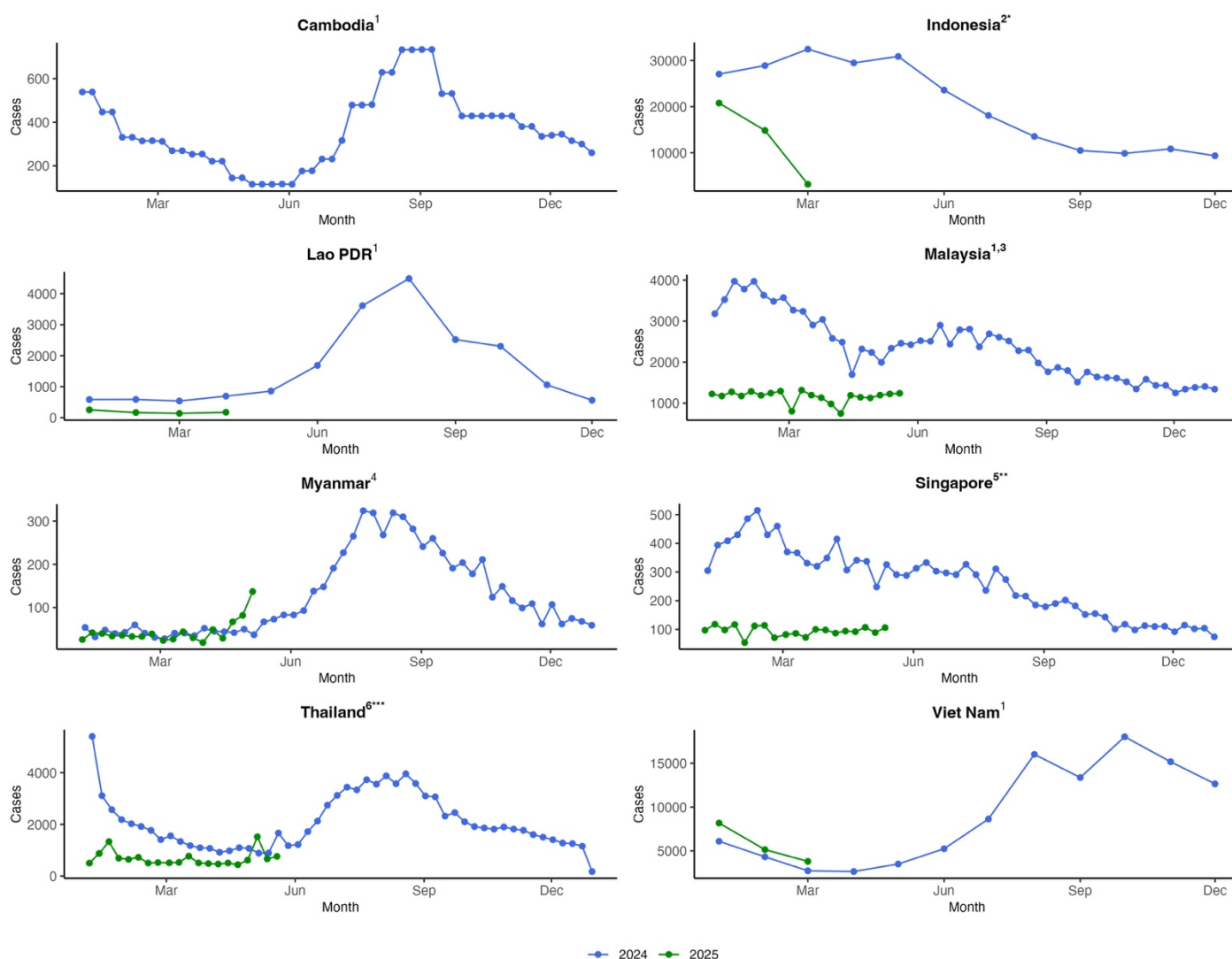
Dengue Cases in the ASEAN Region

From December 29, 2024 to May 17, 2025 (Epi-Week 20, 2025)

Key Findings

- The **ASEAN** region reported **2,418** new dengue cases in Epiweek 20, 2025.
- Up to May 17, 2025, the region reported **95,822** total cases and **213** total deaths with **0.22% 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 17, 2025.

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



Source:

- WHO WPRO, "Dengue," World Health Organization, accessed May 20, 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 May 20, 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 May 20, 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 May 20, 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

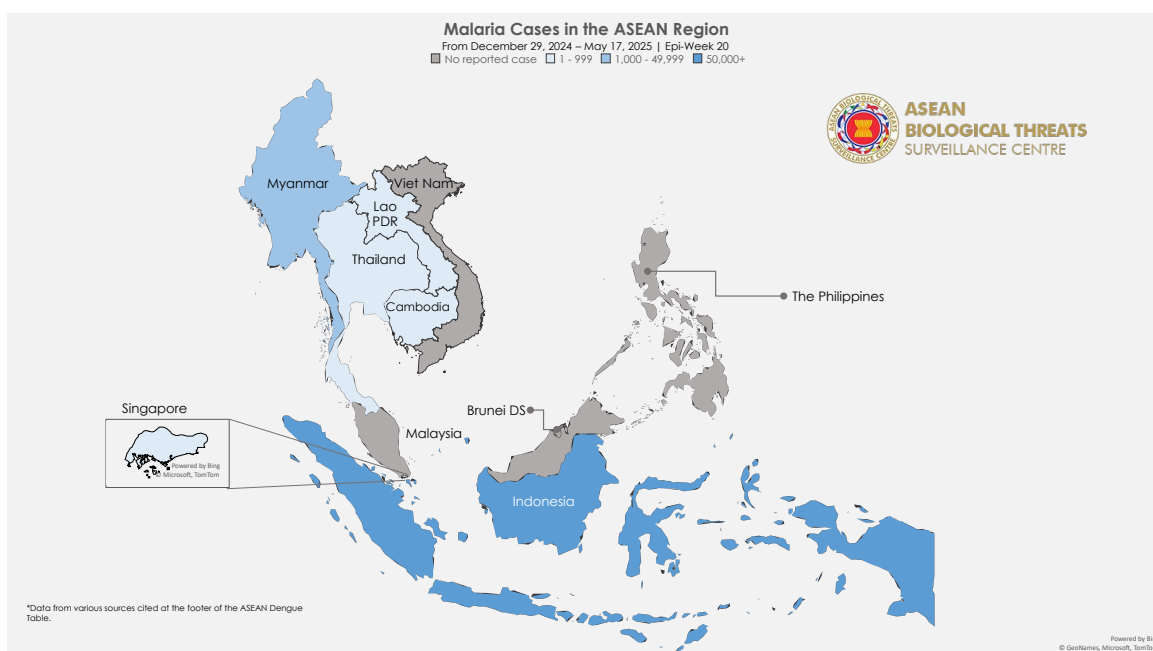
MALARIA

Malaria Cases in the ASEAN Region

From December 29, 2024 to May 17, 2025 (Epi-Week 20, 2025)

Key Findings

- The **ASEAN** region reported **1,193** new malaria cases in Epiweek 20, 2025.
- Up to May 21, 2025, the region reported **238,222** total cases and **48** 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 20	225	0	0	0.00%
Indonesia²	Week 19	205,865	-	47	0.02%
Lao PDR³	Week 20	1,040	102	0	0.00%
Malaysia	-	-	-	-	-
Myanmar⁴	Week 18	28,957	1,021	1	0.003%
Philippines	-	-	-	-	-
Singapore⁵	Week 19	10	0	0	0.00%
Thailand⁶	Week 20	1,251	217	0	0.00%
Viet Nam	-	-	-	-	-
Total		238,222	1,193	48	0.02%

Source:

- Cambodia National Malaria Center, accessed May 20, 2025 (<https://mis.cnm.gov.kh/Dashboard>)
- Malaria Cases in Indonesia, accessed May 20, 2025 (<https://malaria.kemkes.go.id/case>)
- Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed May 20, 2025 (<https://www.facebook.com/CCEH.MoH.Lao/>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health Singapore, accessed May 20, 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 May 20, 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

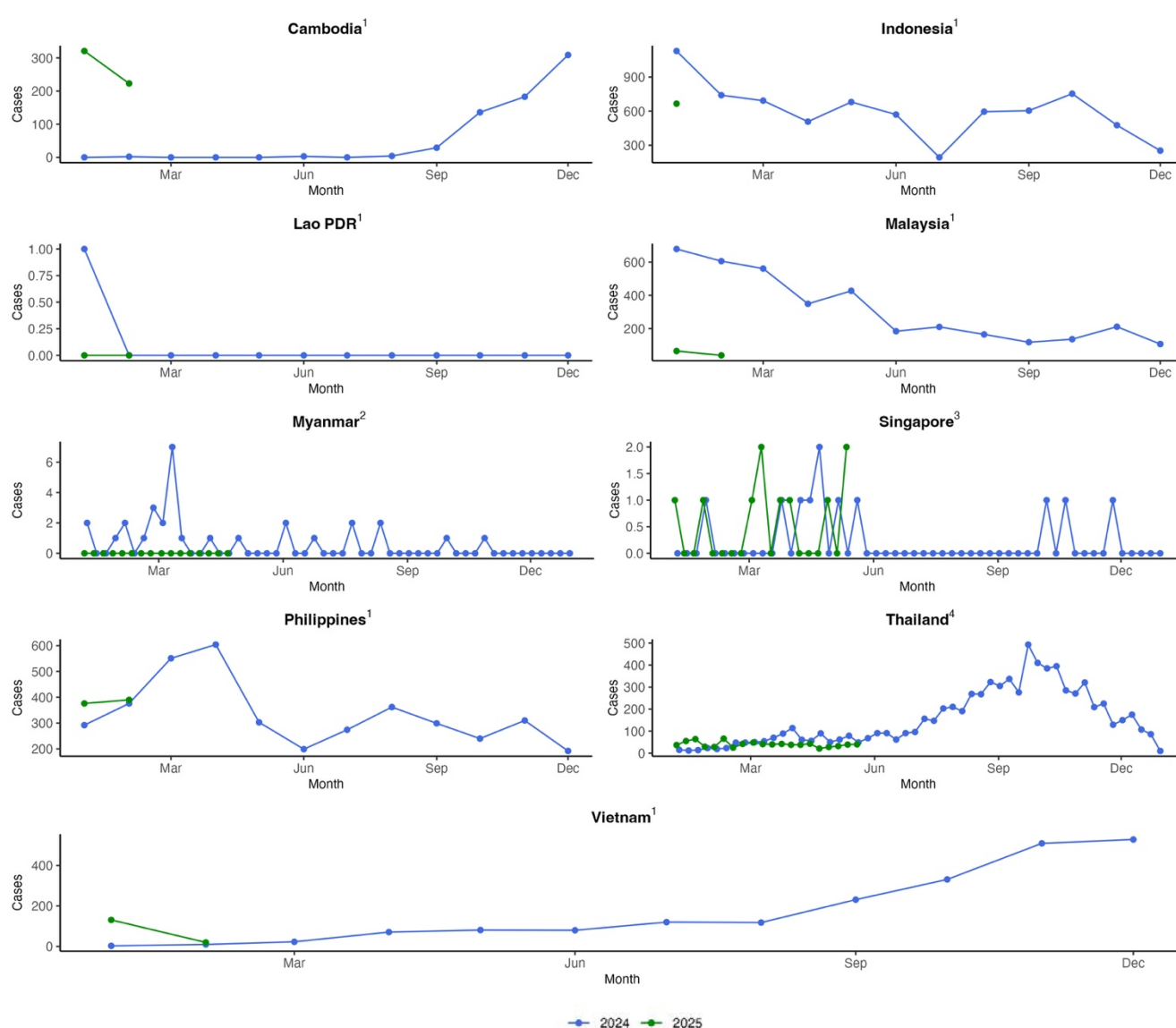
Measles Cases in the ASEAN Region

From December 29, 2024 to May 17, 2025 (Epi-Week 20, 2025)

Key Findings

- The **ASEAN** region reported **42** new measles cases in Epiweek 20, 2025.
- Up to May 17, 2025, the region reported **3,016** 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 May 20, 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 May 20, 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 May 20, 2025 (<http://doe.moph.go.th/surdata/index.php>)



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