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Morbidity and Mortality Weekly Report (MMWR)

Infectious & Emerging Diseases
in the ASEAN Region

With Support by:





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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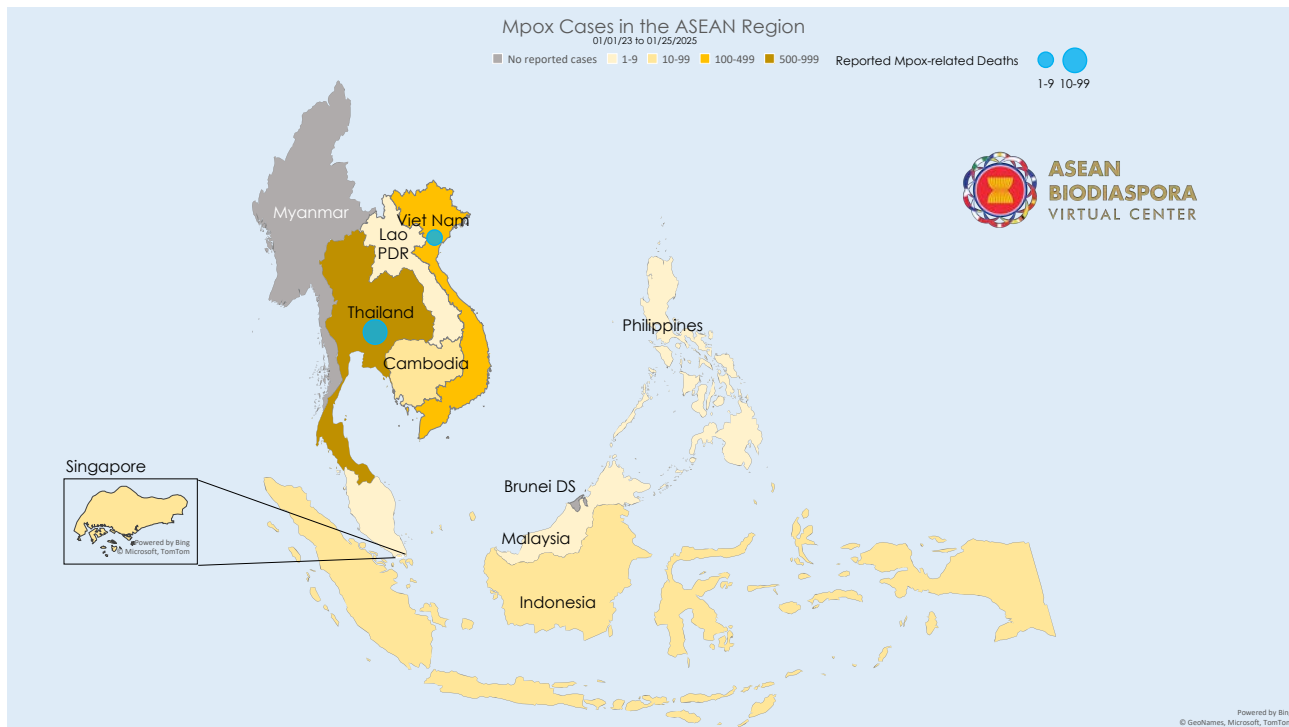
A person wearing a full-body white protective suit, including a hood and a face mask with a filter. They are wearing black gloves and holding a black cylindrical object. The background is a blurred laboratory or clinical setting. The text "Emerging Diseases" is overlaid in large white font on the left side of the image.

Emerging Diseases

MPOX

Mpox Cases Reported in the ASEAN Region

January 1, 2023 – February 1, 2025



Source:

1. Ministry of Health Republic of Indonesia
2. Ministry of Health Singapore, accessed February 4, 2025, <https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>

Key Findings

- From 1 January 2023 to 5 February 2025, **39,236** confirmed cases worldwide since 2023, including **218** deaths. Globally, the CFR was **0.56 %**.
- **1,289 confirmed cases** including **20 deaths** in the **ASEAN** region, with a CFR of **1.55%**.
- **37,947 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 Feb. 1, 2025)

ASEAN Member States	Cumulative Cases 2023-2025	New Cases Since Previous Report	Cumulative Deaths 2023-2024	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	12	0	0	0.00%
Philippines ³	59	0	1	1.69%
Singapore ⁴	50	0	0	0.00%
Thailand ³	853	0	10	1.17%
Vietnam ³	207	0	9	4.35%
ASEAN Total	1,289	0	20	1.55%

Source:

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

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	12,265	0	45	0.37%
United States of America	4,398	0	10	0.23%
People's Republic of China	3,116	0	1	0.03%
Burundi	2807	0	1	0.04%
Brazil	2772	0	2	0.07%

Source: Our World in Data, accessed on February 4, 2025 (<https://ourworldindata.org/monkeypox>)

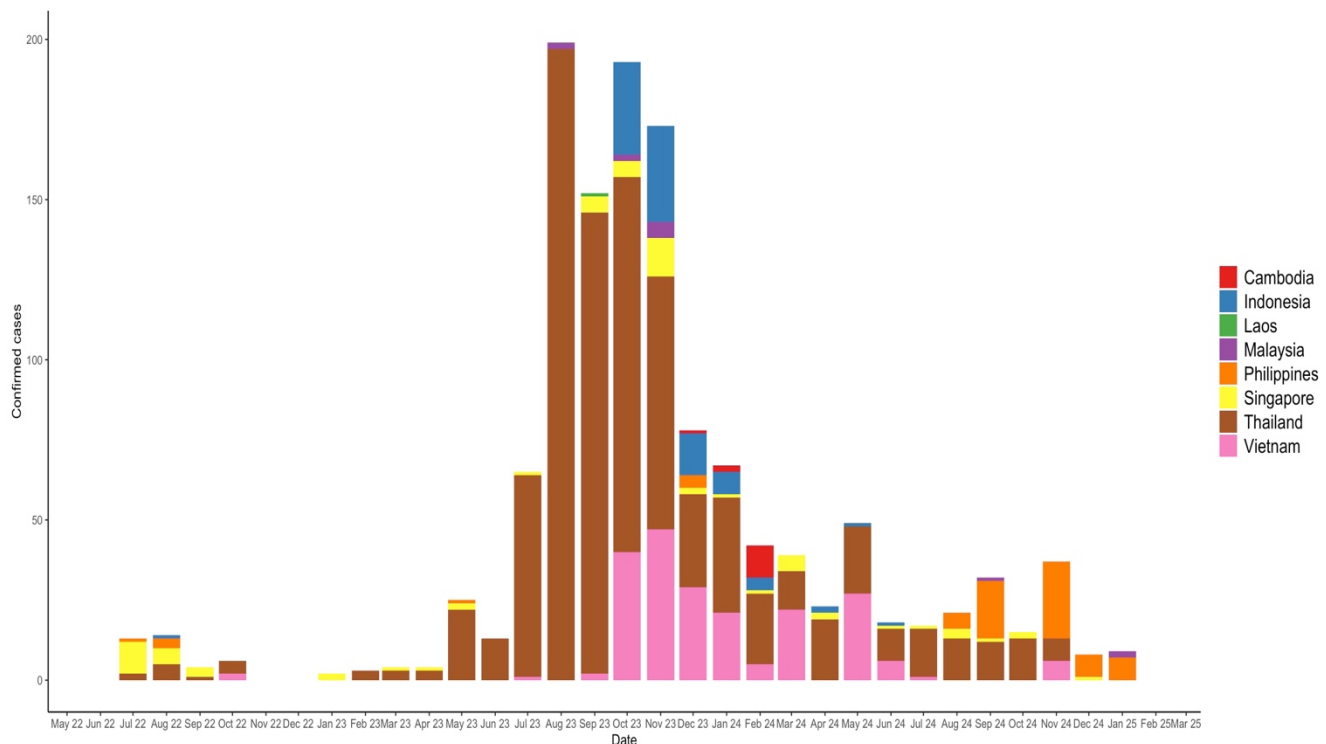
Mpox cases per region (Jan. 1, 2023 to Feb. 1, 2025)

REGIONS	CUMULATIVE CASES 2023-2025	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	18,344	3,611	71	0.39%
AMERICAS	9,599	413	99	1.03%
ASEAN	1,289	9	20	1.55%
ASIA & OCEANIA	6,899	184	24	0.35%
EUROPE	3,105	191	4	0.13%
TOTAL	39,236	4,408	218	0.56%

Source: Our World in Data, accessed on February 4, 2025 (<https://ourworldindata.org/monkeypox>)

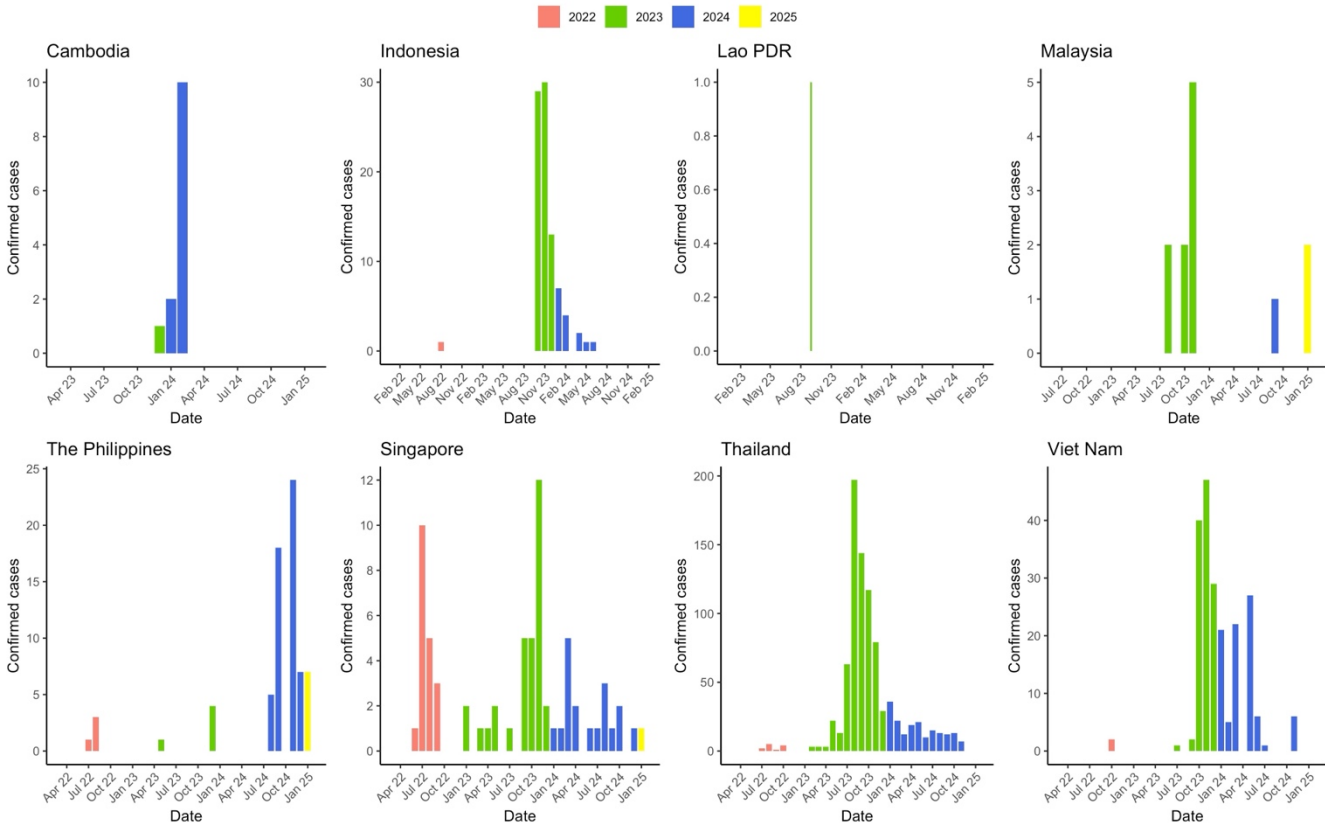
Trend of Mpox Confirmed Cases in the ASEAN Region

January 1, 2022 to February 1, 2025



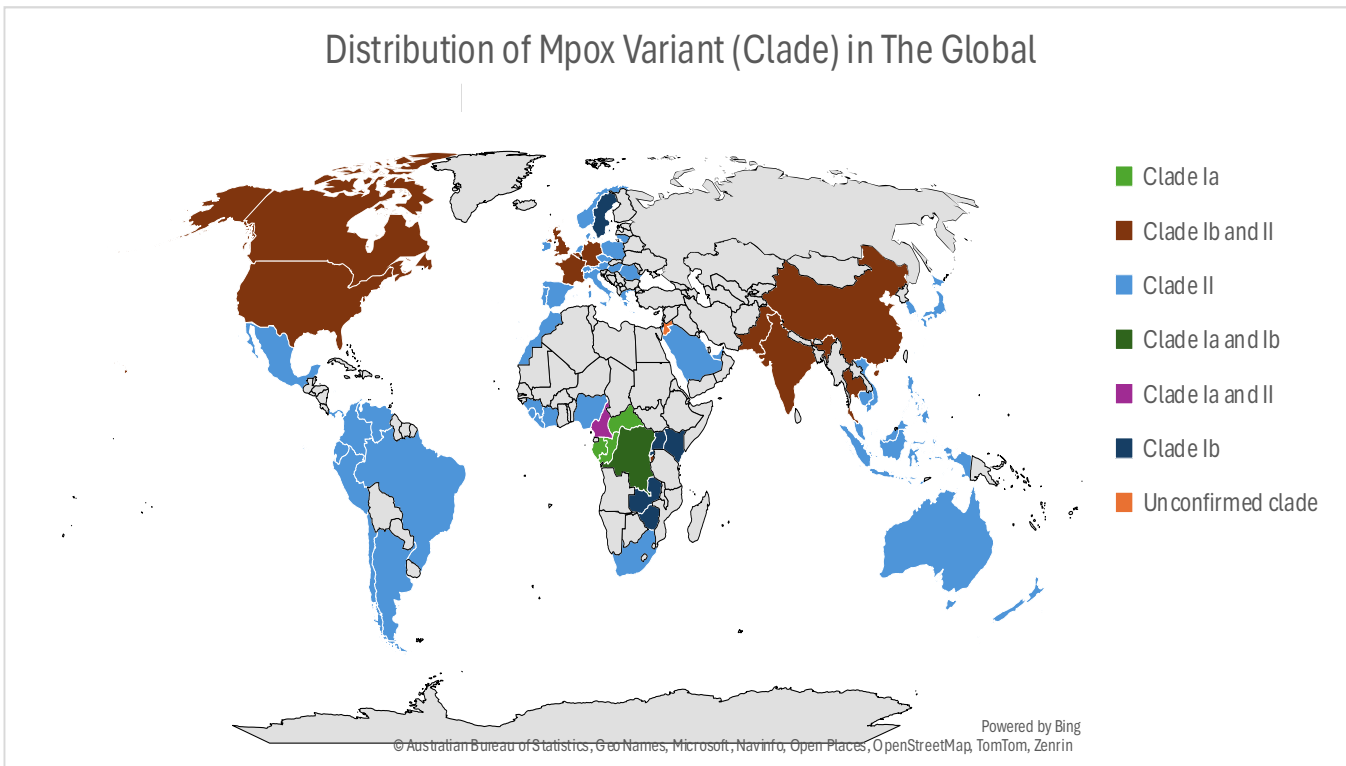
Source: Our World in Data, accessed on February 4, 2025 (<https://ourworldindata.org/monkeypox>)

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

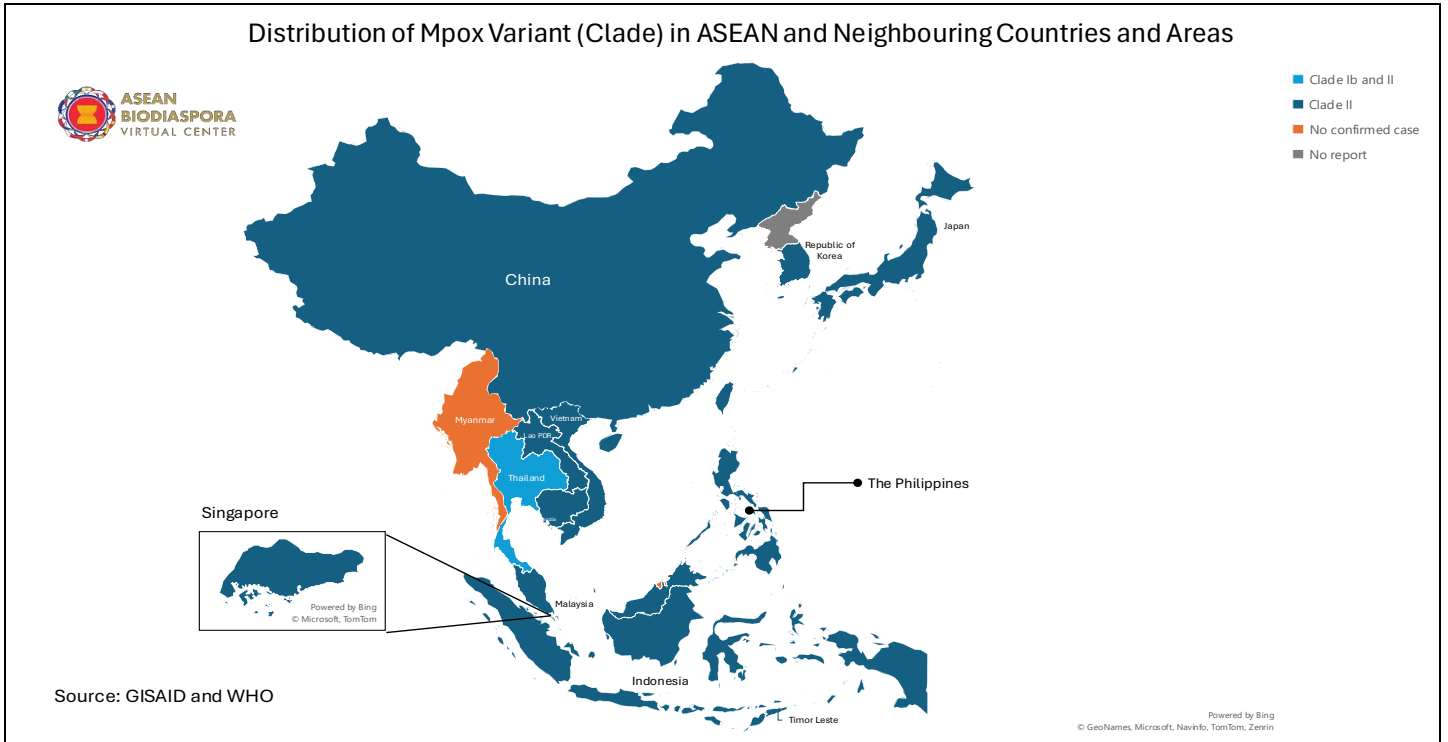


Source: Our World in Data, accessed on February 4, 2025 (<https://ourworldindata.org/monkeypox>)

Distribution of Mpox Variants in The Global As of February 1, 2025



Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas As of February 1, 2025





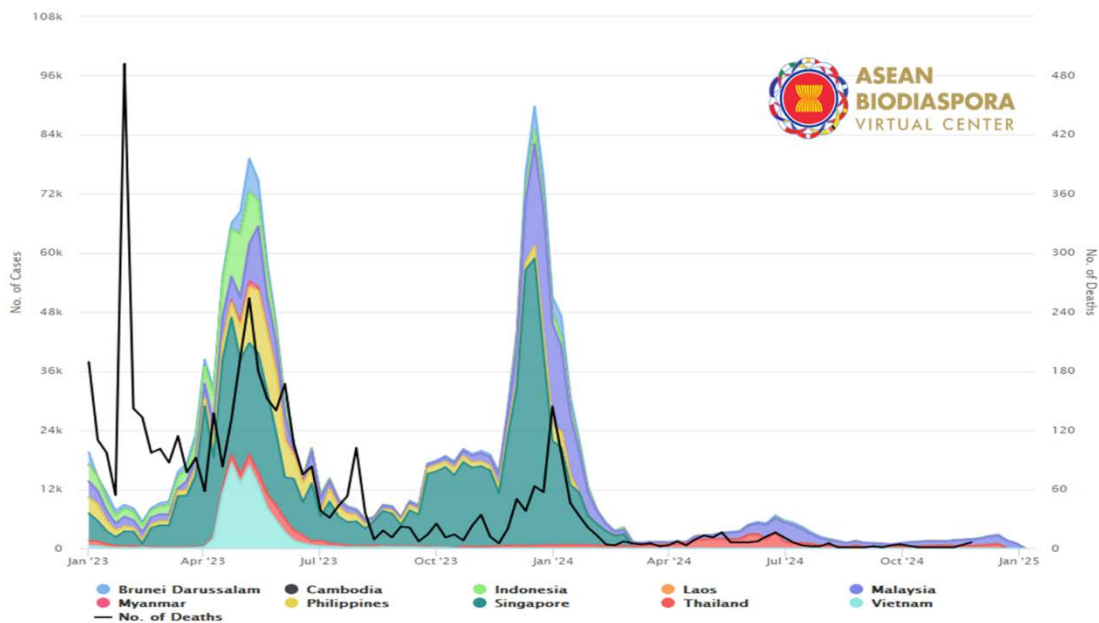
COVID-19

Key Findings

- As of 1 February 2025 (5PM, GMT+7), there were **704,858,264** confirmed cases **worldwide**, including **7,010,829 deaths**. Globally, Case Fatality Rate (CFR) was **1.00%**.
- **37,102,676 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

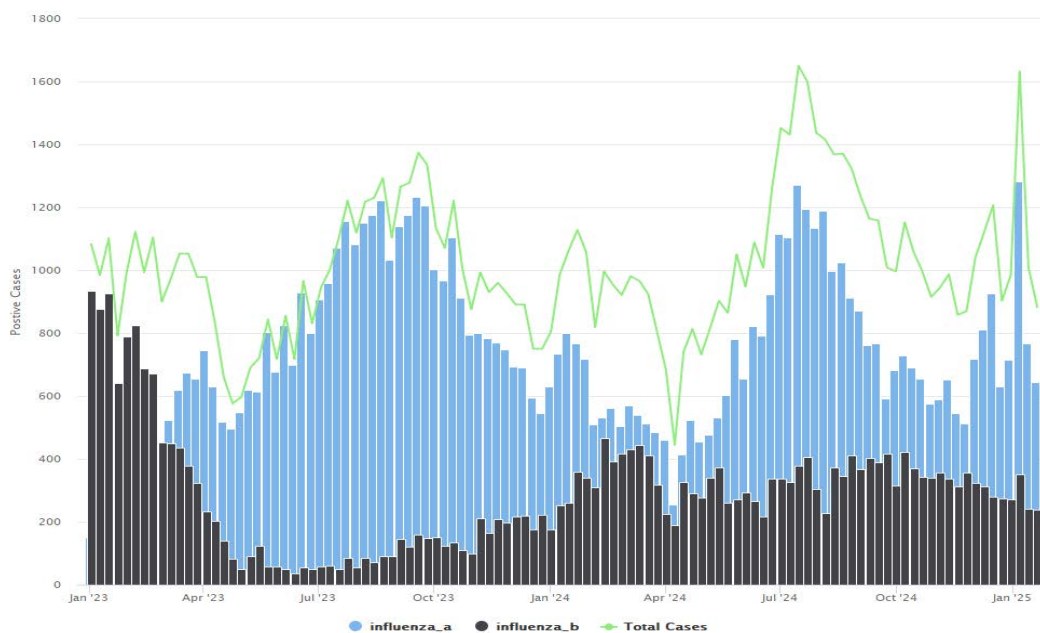
From January 1, 2023 to February 1, 2025



Source: [Singapore Government and the WHO](#), accessed on January 21, 2025

Trends of Influenza Confirmed Cases in the ASEAN region

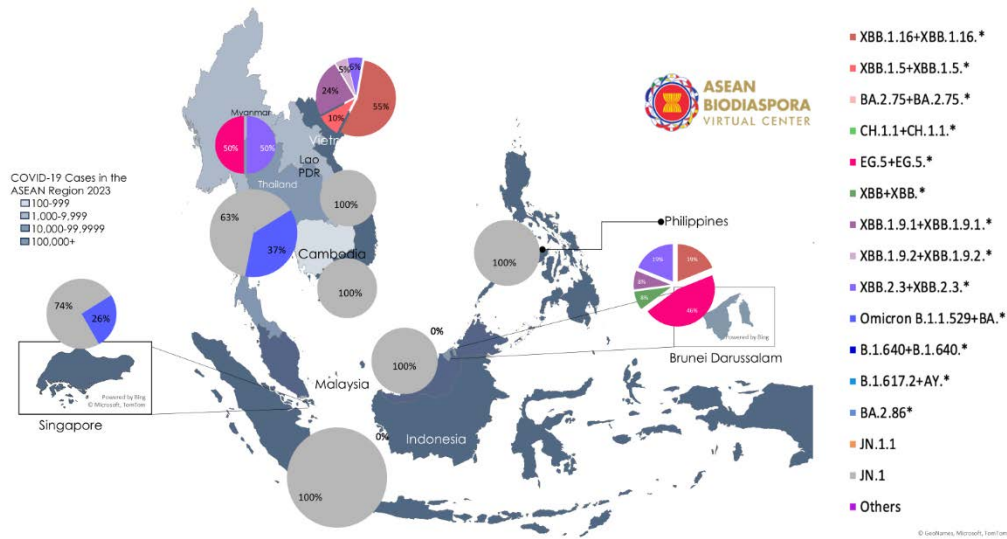
From January 1, 2023 to February 1, 2025



Source: FluNet, accessed on February 4, 2025 (<https://www.who.int/tools/fluNet>)

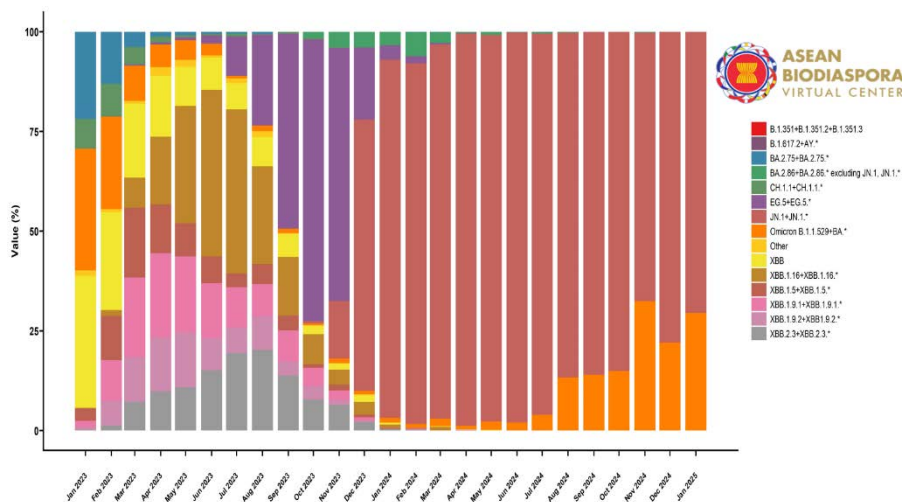


COVID-19 Variants Frequencies Among the ASEAN Member States In January 2025



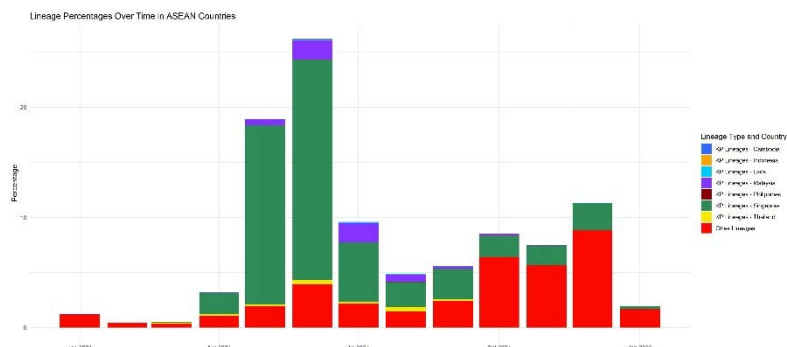
Source: GISAID. "hCoV-19 Variants Dashboard," accessed February 4, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

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



Source: GISAID. "hCoV-19 Variants Dashboard," accessed February 4, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

COVID-19 "KP" Sub-Variant detected in the ASEAN region From January 2024 to January 2025



Source: GISAID. "hCoV-19 Variants Dashboard," accessed on February 4, 2025 (<https://gisaid.org/hcov-19-variants-dashboard/>).

Zoonosis



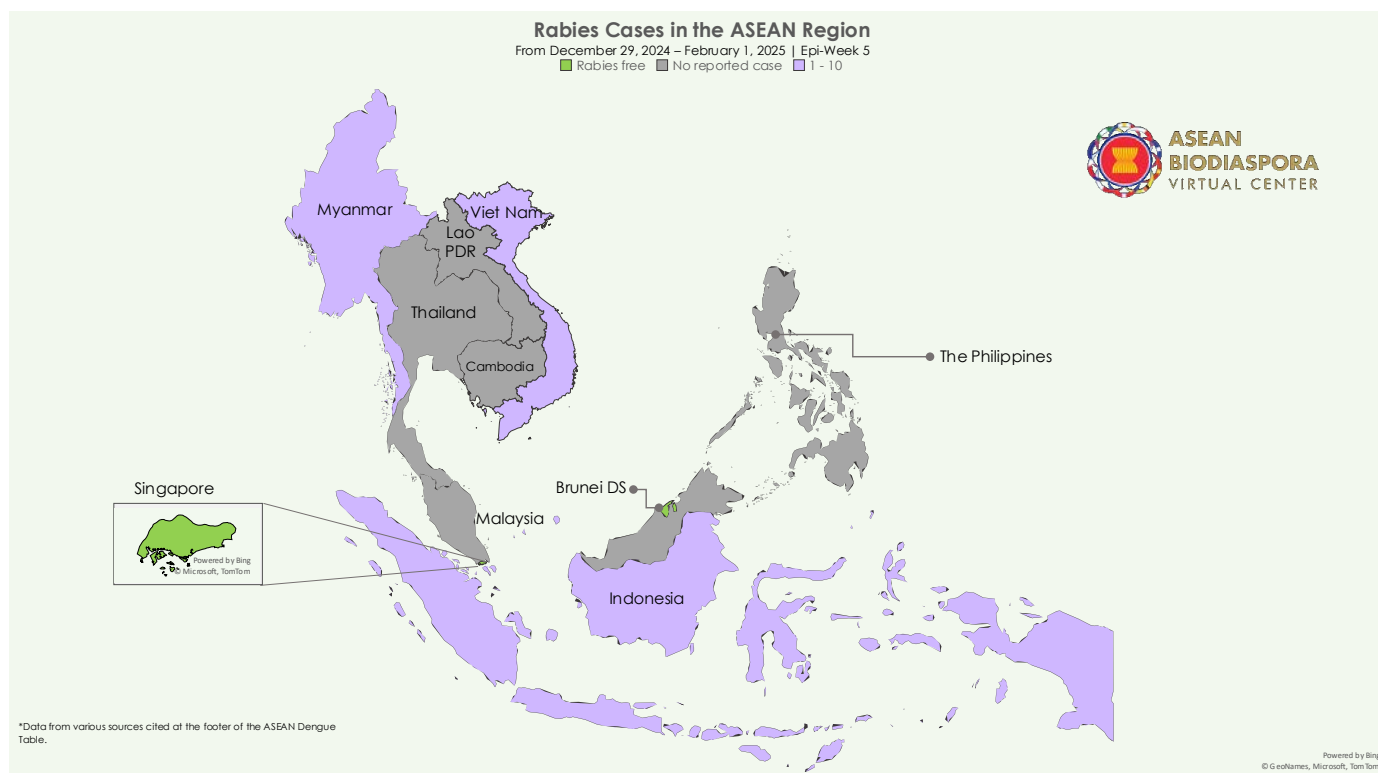
RABIES

Rabies Cases in the ASEAN Region

From December 29, 2024 to February 1, 2025 (Epi-Week 5, 2025)

Key Findings

- The **ASEAN** region reported **one** new rabies cases in Epiweek 5, 2025.
- Up to February 1, 2025, the region reported **10** total cases with **100%** CFR.



Rabies cases in the ASEAN region

Country	Cumulative Cases in 2024	Cumulative Cases in 2025	New Cases Since Previous Report	Cumulative Deaths	CFR
Brunei Darussalam			Rabies-free country		
Cambodia	-	-	-	-	-
Indonesia¹	102	4	-	4	100%
Lao PDR	-	-	-	-	-
Malaysia²	79	-	-	-	-
Myanmar³	79	4	1	4	100%
Philippines²	354	-	-	-	-
Singapore			Rabies-free country		
Thailand⁴	5	-	-	-	-
Viet Nam²	80	2	-	2	100%
Total	696	10	1	10	100%

Source:

1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed February 4, 2025 (<https://portal.bluedot.global/>)
3. Department of Public Health, Ministry of Health, Myanmar
4. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed February 4, 2025

Vector-Borne Diseases



DENGUE

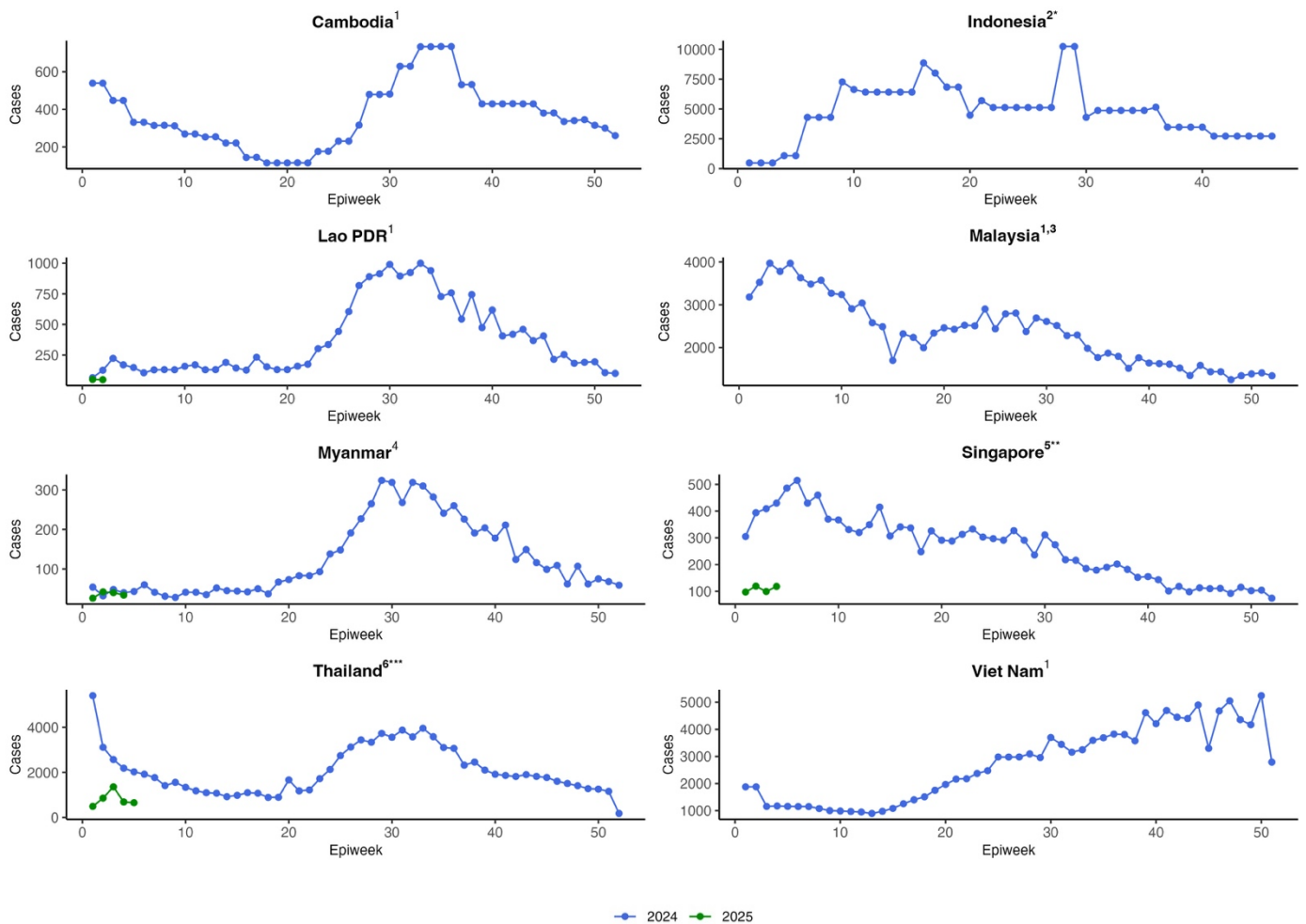
Dengue Cases in the ASEAN Region

From December 29, 2024 to February 1, 2025 (Epi-Week 5, 2025)

Key Findings

- The **ASEAN** region reported **779** new dengue cases in Epiweek 5, 2025.
- Up to February 1, 2025, the region reported **4,700** total cases and **6** total deaths with **0.13%** CFR.
- Most dengue trends in AMS showing peak in the middle of year 2024 (around epiweek 30) and keep decreasing until last 2024. However, Singapore showing decreasing trend since early 2024. Meanwhile, Viet Nam showing increasing trend of dengue cases since early 2024.

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



Source:

1. WHO WPRO, "Dengue," World Health Organization, accessed February 4, 2025 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
2. Ministry of Health, Republic of Indonesia
3. Senarai Kenyataan Akhbar Demam Denggi dan Chikungunya, Kementerian Kesihatan Malaysia, accessed February 4, 2025(https://www.moh.gov.my/index.php/database_stores/store_view/17)
4. Department of Public Health, Ministry of Health, Myanmar
5. Ministry of Health. "Weekly Infectious Disease Bulletin", accessed February 4, 2025. (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2025/weekly-infectious-diseases-bulletin>)
6. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed February 4, 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 February 1, 2025 (Epi-Week 5, 2025)

Key Findings

- The **ASEAN** region reported **10,075** new malaria cases in Epiweek 5, 2025.
- Up to February 1, 2025, the region reported **34,599** total cases and **6** total 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 5	2	1	0	0.00%
Indonesia²	Week 5	26,386	7,900	6	0.02%
Lao PDR³	Week 4	215	-	0	0.00%
Malaysia	-	-	-	-	-
Myanmar⁴	Week 4	7,804	2,145	0	0.00%
Philippines	-	-	-	-	-
Singapore⁵	Week 4	6	0	0	0.00%
Thailand⁶	Week 5	186	29	0	0.00%
Viet Nam	-	-	-	-	-
Total		34,599	10,075	6	0.02%

Source:

1. Cambodia National Malaria Center, accessed February 4, 2025 (<https://mis.cnm.gov.kh/Dashboard>)
2. Malaria Cases in Indonesia, accessed February 4, 2025 (<https://malaria.kemkes.go.id/case>)
3. Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed February 4, 2025 (<https://www.facebook.com/CCEH.MoH.Lao/>)
4. Department of Public Health, Ministry of Health, Myanmar
5. Ministry of Health Singapore, accessed February 4, 2025 (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2025/weekly-infectious-diseases-bulletin>)
6. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed February 4, 2025 (https://dvis3.ddc.moph.go.th/t/DC_CENTER_DOE/views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y)

A close-up photograph of a person's hands in a white lab coat. The person is using a syringe to draw liquid from a small glass vial. The background is a soft, out-of-focus blue and white. The text 'Vaccine-Preventable Diseases' is overlaid in large, white, bold font on the left side of the image.

Vaccine- Preventable Diseases



MEASLES

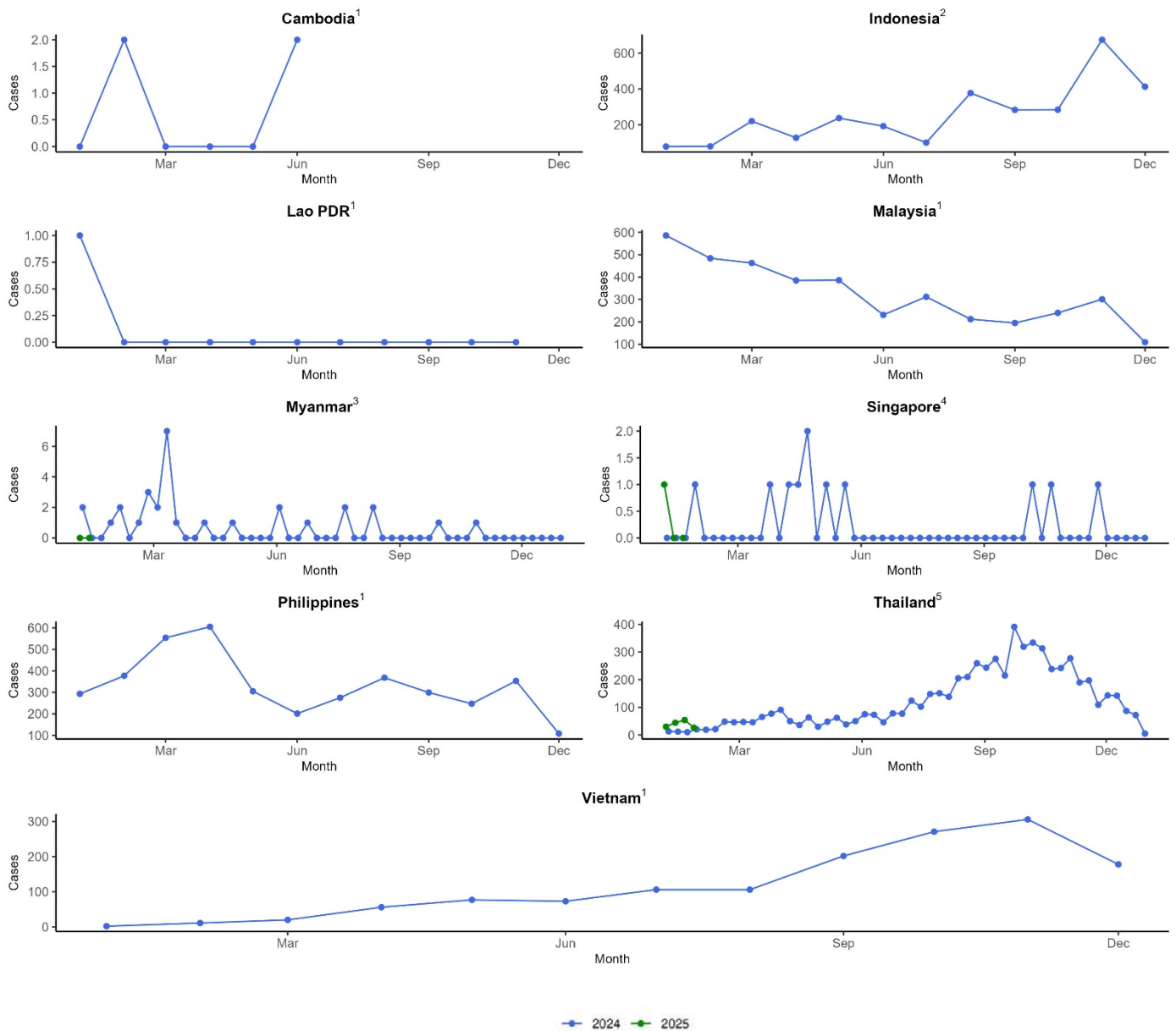
Measles Cases in the ASEAN Region

From December 29, 2024 to February 1, 2025 (Epi-Week 5, 2025)

Key Findings

- The **ASEAN** region reported **24** new measles cases in Epiweek 5, 2025.
- Up to February 1, 2025, the region reported **179** total cases with **0%** CFR.

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



Source:

1. Provisional Measles and Rubella Data, World Health Organization, accessed February 4, 2025 (<https://immunizationdata.who.int/global?topic=Provisional-measles-and-rubella-data&location=>)
2. Directorate Surveillance and Health Quarantine, Ministry of Health, Indonesia
3. Department of Public Health, Ministry of Health, Myanmar
4. Ministry of Health Singapore, accessed February 4, 2025 (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)
5. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed February 4, 2025 (<http://doe.moph.go.th/surdata/index.php>)



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