



ASEAN
BIOLOGICAL THREATS
SURVEILLANCE CENTRE

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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@aseanbiosurveillance.org

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Emerging Diseases

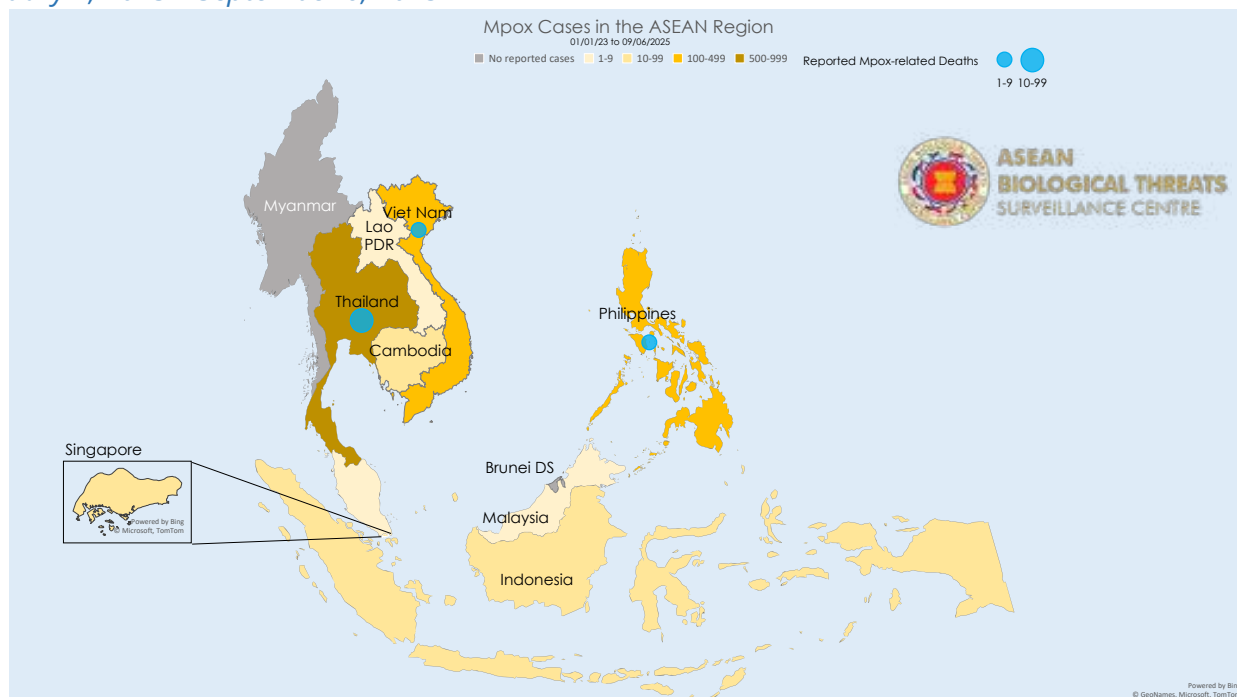
A person wearing a full-body white protective suit, including a hood and a face mask. They are also wearing black gloves. The person is holding a small, dark object in their gloved hand. The background is blurred, suggesting an indoor setting.



MPOX

Mpox Cases Reported in the ASEAN Region

January 1, 2023 – September 6, 2025



Source:

1. Ministry of Health Republic of Indonesia
2. Ministry of Health Singapore, accessed September 9, 2025, <https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>

Key Findings

- From 1 January 2023 to 6 September 2025, **71,979** confirmed cases worldwide since 2023, including **362** deaths. Globally, the CFR was **0.51 %**.
- **1,585 confirmed cases** including **29 deaths** in the **ASEAN** region, with a CFR of **1.83%**.
- **70,394 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 Sep. 6, 2025)

ASEAN Member States	Cumulative Cases 2023-2025	New Cases Since Previous Report	Cumulative Deaths 2023-2025	New Deaths Since Previous Report	CFR
Cambodia¹	20	0	0	0	0.00%
Indonesia²	87	0	0	0	0.00%
Lao PDR³	1	0	0	0	0.00%
Malaysia³	15	0	0	0	0.00%
Philippines³	278	0	7	0	2.52%
Singapore⁴	62	0	0	0	0.00%
Thailand³	913	0	13	0	1.42%
Vietnam³	209	0	9	0	4.31%
ASEAN Total	1,585	0	29	0	1.83%

Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia (<https://infeksiemerging.kemkes.go.id>)
3. WHO Mpox Outbreak: Global Trends, accessed September 9, 2025 (https://worldhealthorg.shinyapps.io/mpox_global/)
4. Ministry of Health Singapore, accessed September 9, 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 Sep. 6, 2025)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	25,741	53	70	0.27%
Uganda	7,710	0	48	0.62%
United States of America	5,186	0	10	0.19%
Sierra Leone	5,019	0	46	0.92%
Burundi	4,242	0	1	0.02%

Source: WHO Mpox Outbreak: Global Trends, accessed September 9, 2025 (https://worldhealthorg.shinyapps.io/mpox_global/)

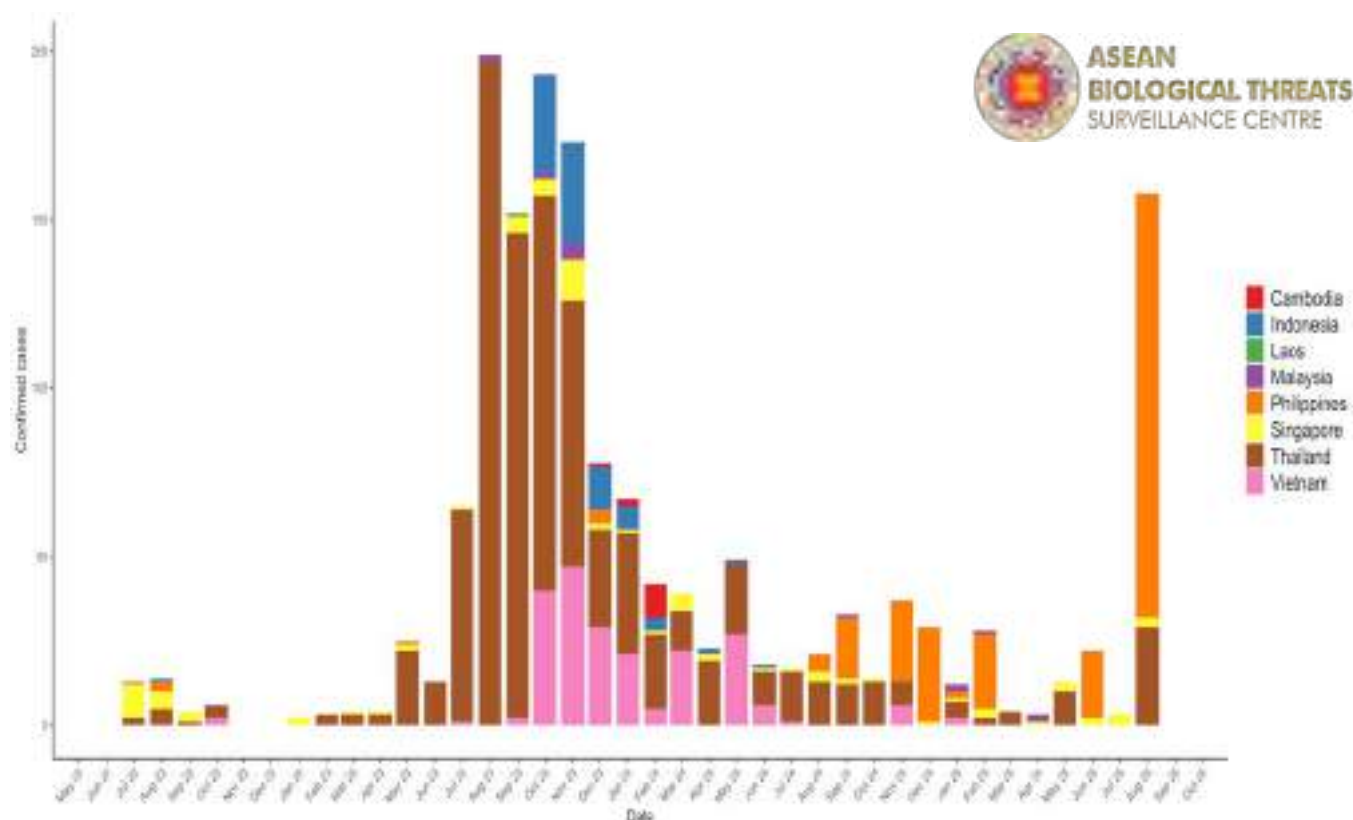
Mpox cases per region (Jan. 1, 2023 to Sep. 6, 2025)

REGIONS	CUMULATIVE CASES 2023-2025	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	45,431	75	197	0.43%
AMERICAS	12,266	0	101	0.82%
ASEAN	1,585	0	29	1.83%
ASIA & OCEANIA	7,914	13	33	0.42%
EUROPE	4,695	0	5	0.11%
TOTAL	71,979	88	354	0.49%

Source: WHO Mpox Outbreak: Global Trends, accessed September 9, 2025 (https://worldhealthorg.shinyapps.io/mpox_global/)

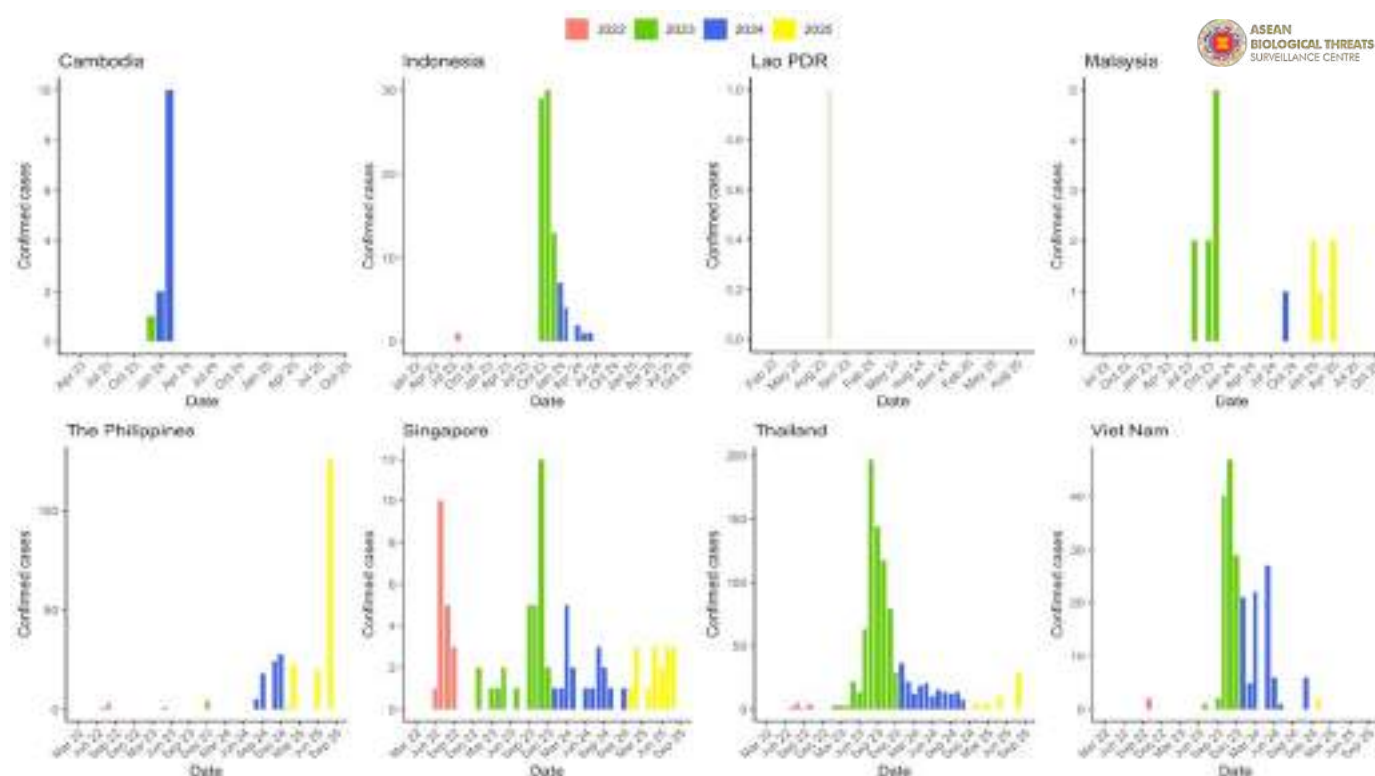
Trend of Mpox Confirmed Cases in the ASEAN Region

January 1, 2022 to September 6, 2025



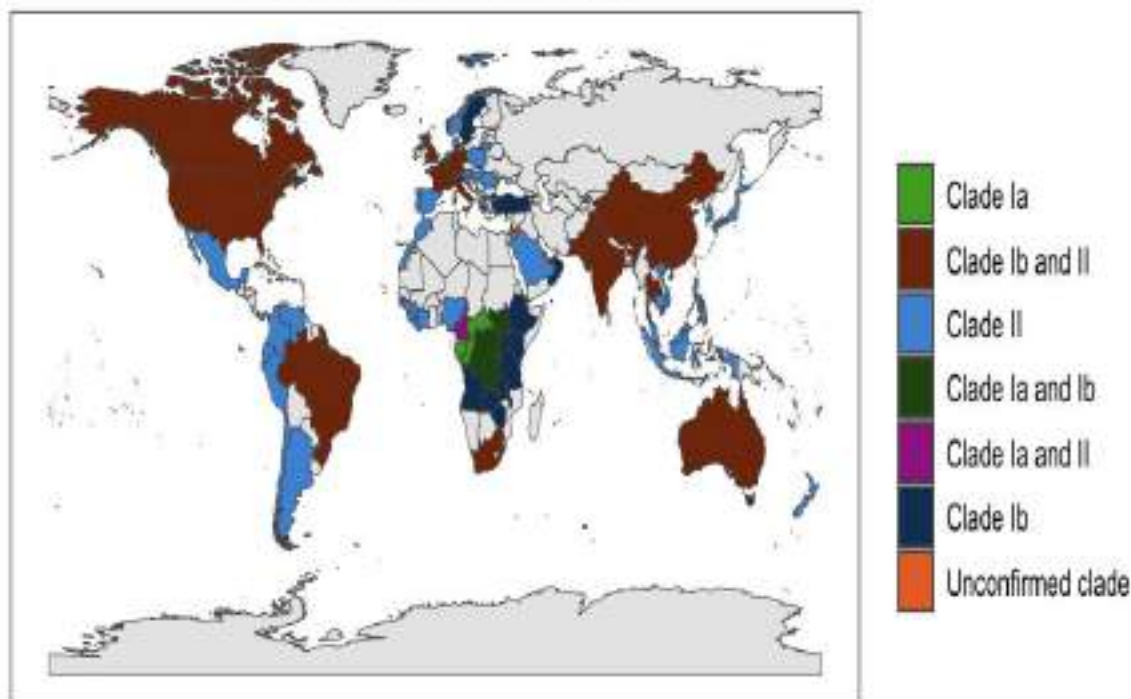
Source: Our World in Data, accessed on September 9, 2025 (<https://ourworldindata.org/monkeypox>)

Trend of Mpox Confirmed Cases among ASEAN Member States January 1, 2022 to September 6, 2025



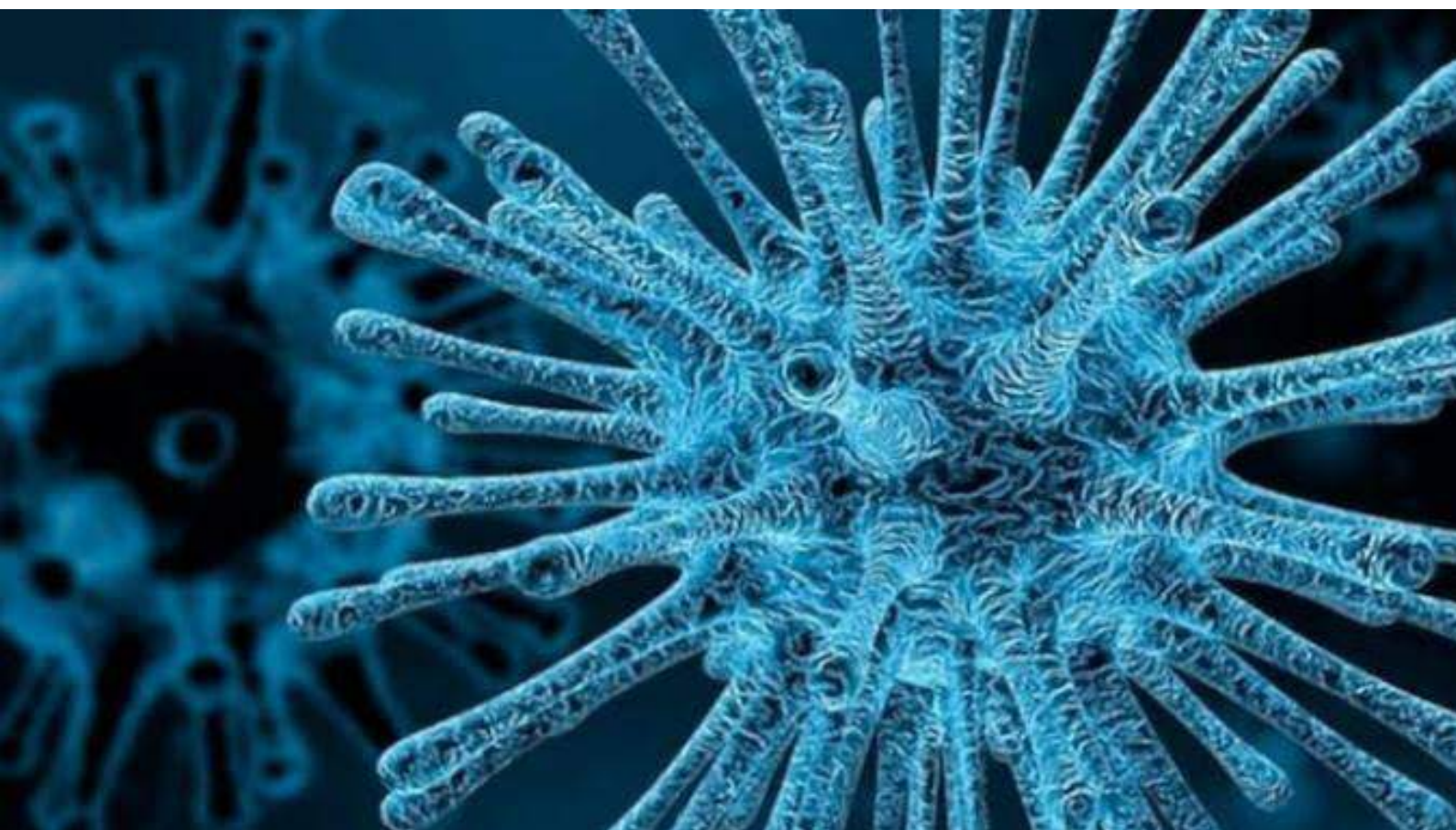
Source: Our World in Data, accessed on September 9, 2025 (<https://ourworldindata.org/monkeypox>)

Distribution of Mpox Variants in The Global As of September 6, 2025



Source: GISAID and WHO

Distribution of Mpox Variant (Clade) in the ASEAN and Neighbouring Countries and Areas As of September 6, 2025



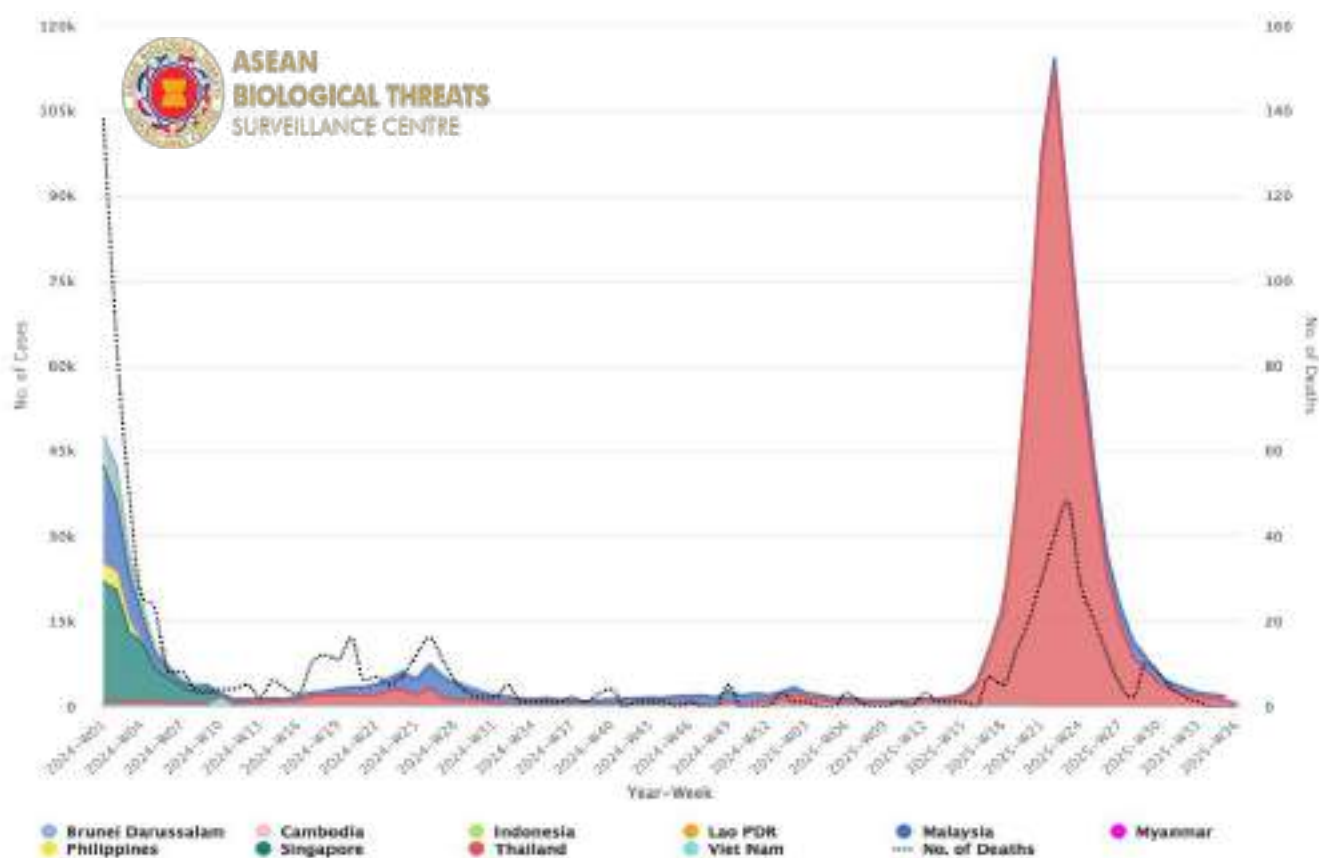
COVID-19

Key Findings

- As of 6 September 2025 (5PM, GMT+7), there were **778,402,651** confirmed cases **worldwide**, including **7,099,281** deaths. Globally, the Case Fatality Rate (CFR) was **0.91%**.
- 37,739,113 total confirmed cases** of COVID-19 have been reported in the **ASEAN Region**.
- The CFR in the **ASEAN Region** was **0.98%**.
- In August 2025, **NB.1.8.1** variant show a dominance number in Lao PDR, Thailand, Malaysia, and Viet Nam. Meanwhile, Cambodia, Indonesia, and Singapore show dominance in **Omicron B.1.1.529+BA.*** variant.

ASEAN Weekly COVID-19 Cases and Deaths

From January 1, 2024 to September 6, 2025

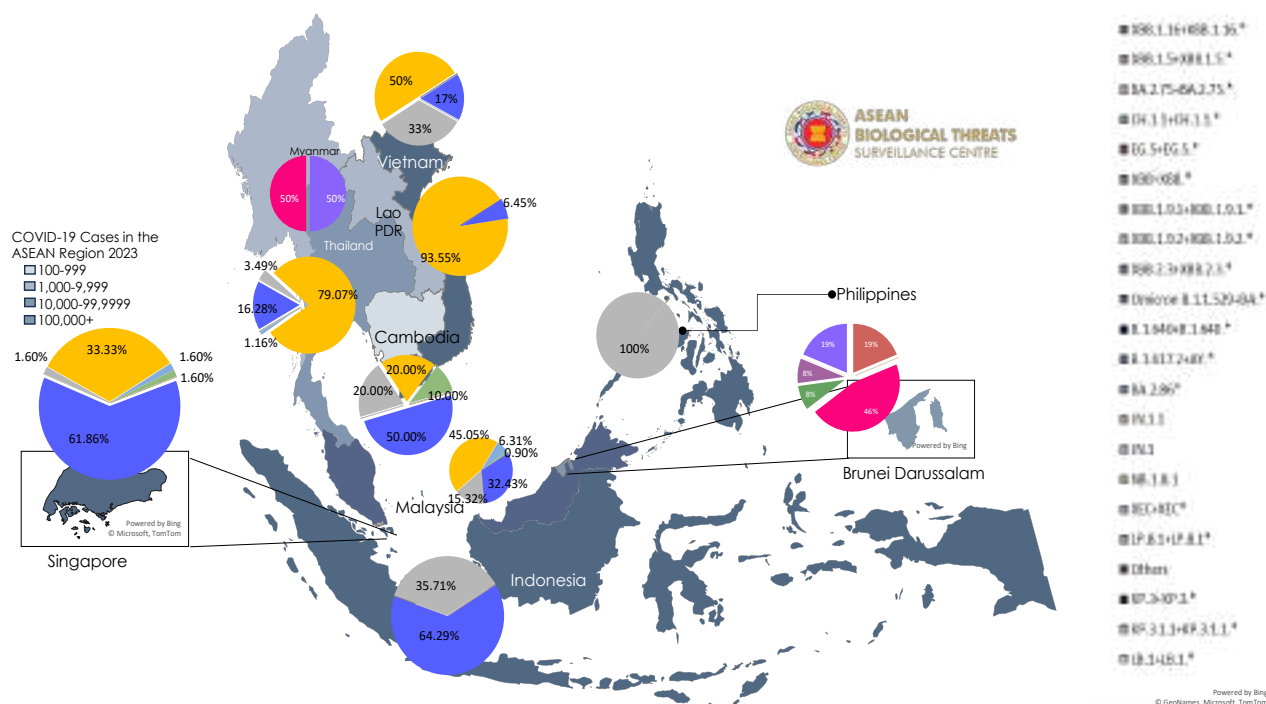


Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), [MOH Myanmar](#), [MOH Malaysia](#), and [WHO](#) accessed on September 9, 2025

- A major peak in case numbers occurred in mid-2025 until week 22 as the highest peak of the cases reported. Meanwhile, after week 23, the cases continued to decrease significantly until the week of 36.
- The latest updated of COVID-19 cases were reported low by ASEAN Member States. Out of 10, only two countries have reported new cases this week.

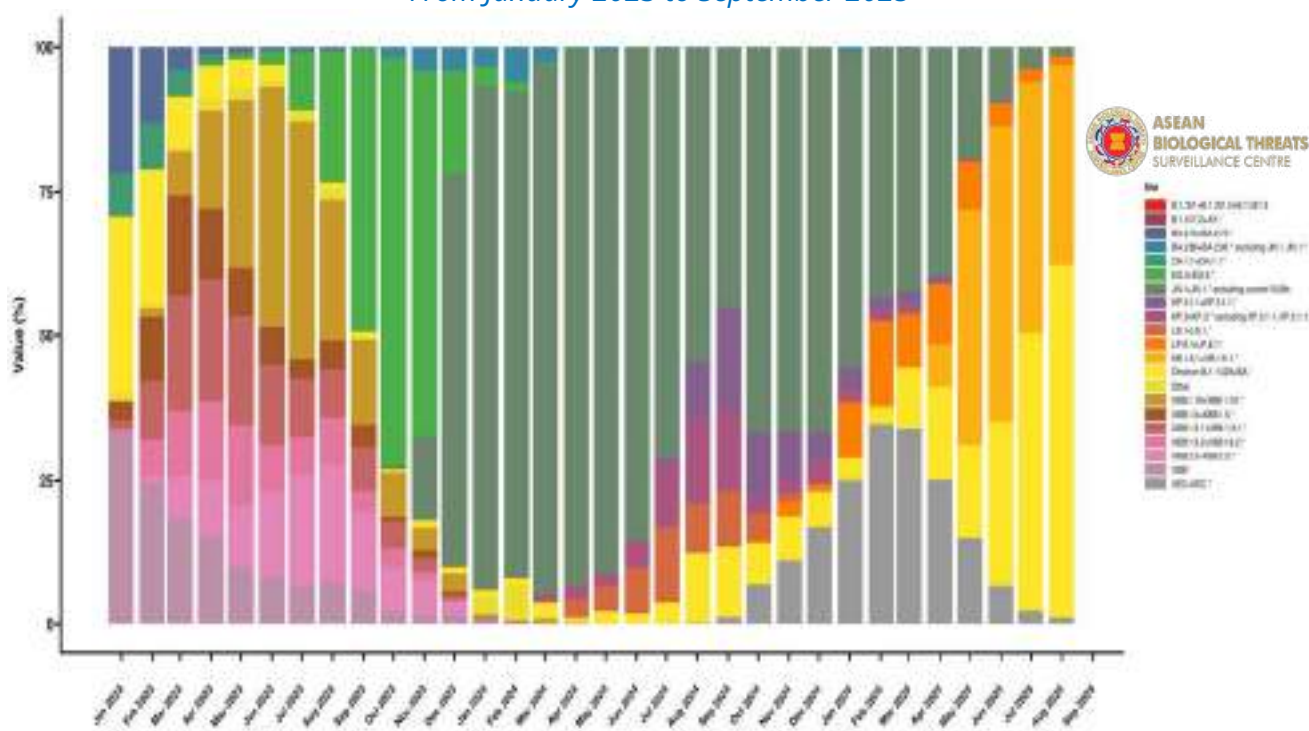


COVID-19 Variants Frequencies Among the ASEAN Member States As of September 2025



In August 2025, the latest submission on GISAID by Cambodia, Indonesia, and Singapore show dominance in **Omicron B.1.1.529+BA.*** variant. Meanwhile, other member states such as Lao PDR, Thailand, Malaysia, and Viet Nam were dominated by **NB.1.8.1** variant.

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



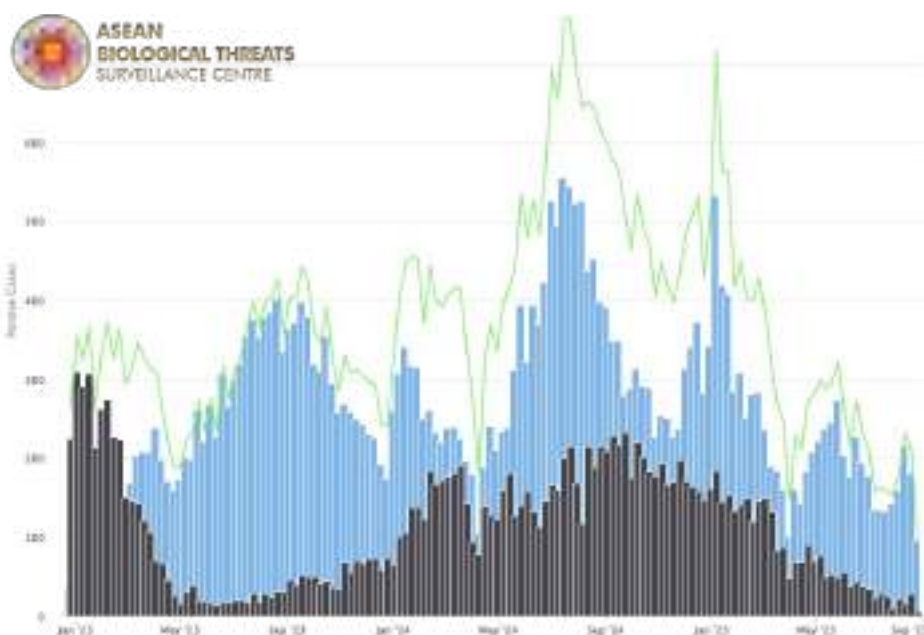
INFLUENZA

Key Findings

- Recently, most influenza cases among ASEAN Member States had remained low.
- While influenza-like illness (ILI) and severe acute respiratory infection (SARI) cases were increase among some ASEAN Member States.

Trends of Influenza Confirmed Cases in the ASEAN region

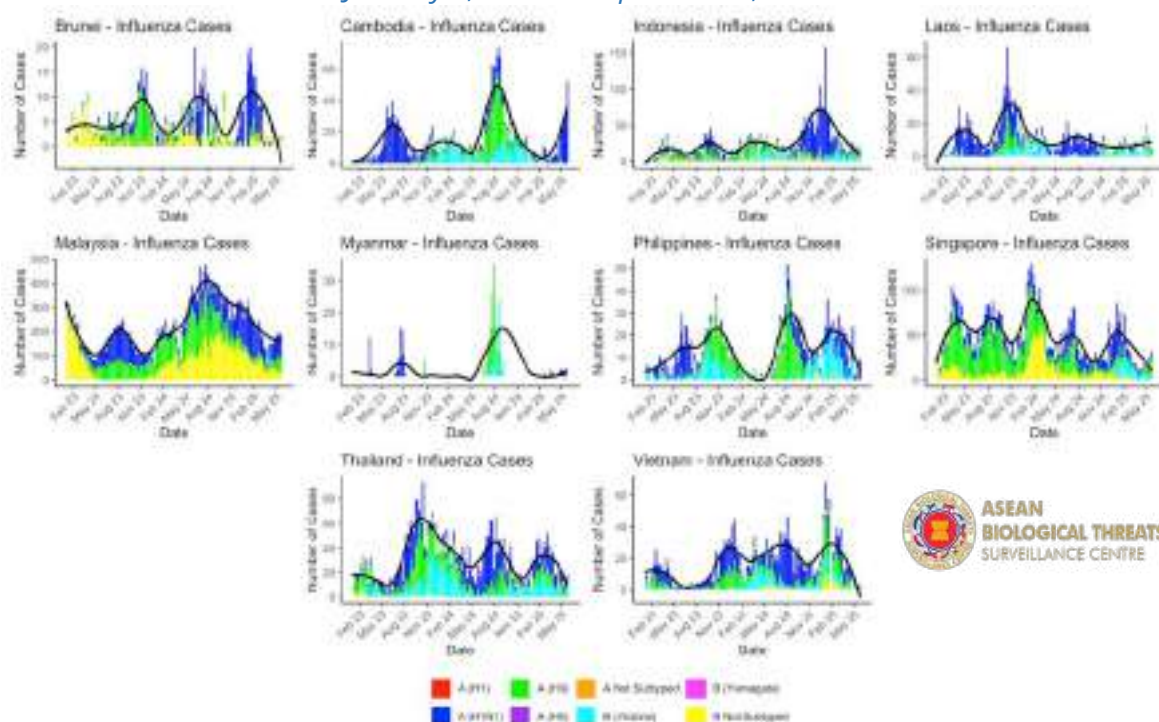
From January 1, 2023 to September 6, 2025



Source: WHO FluNet, accessed on September 9, 2025 (<https://www.who.int/tools/fluNet>)

Trend of Influenza Cases among ASEAN Member States

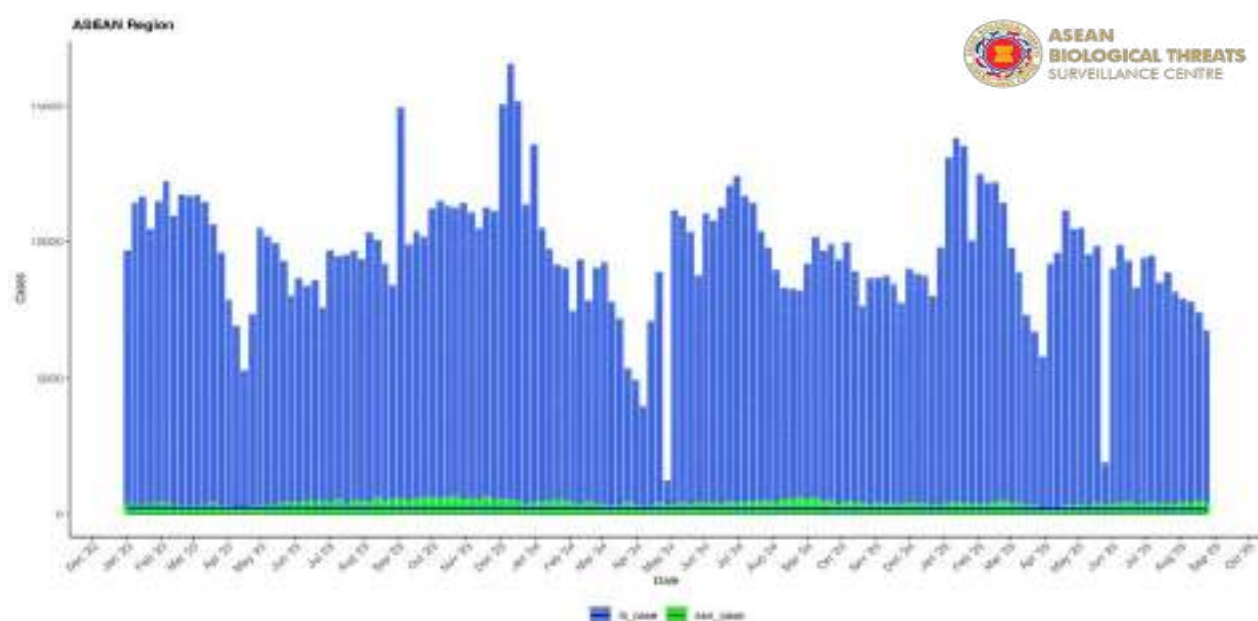
January 1, 2023 to September 6, 2025



Source: WHO FluNet, accessed on September 9, 2025 (<https://www.who.int/tools/fluNet>)

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

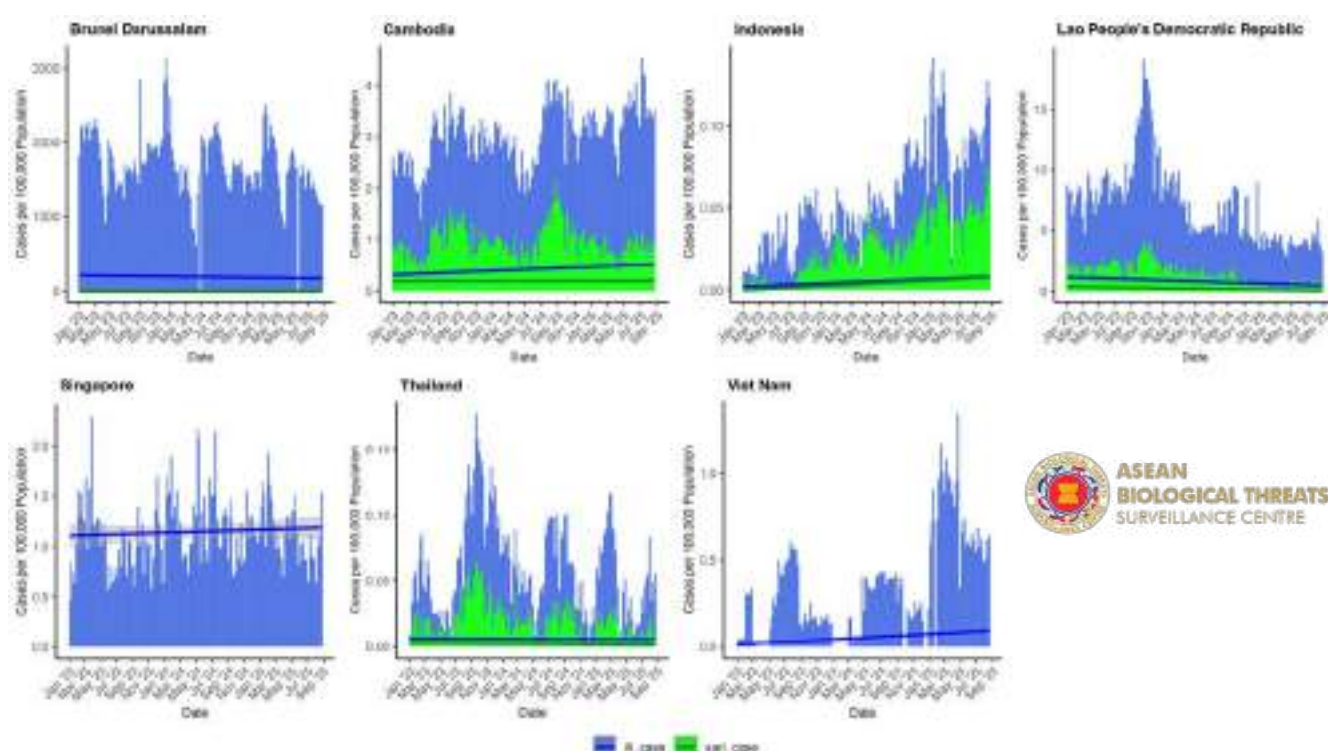
January 1, 2023 to September 6, 2025



Source: WHO FluID, accessed September 9, 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 September 6, 2025



Source: WHO FluID, accessed September 9, 2025 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-outputs>)

Zoonosis





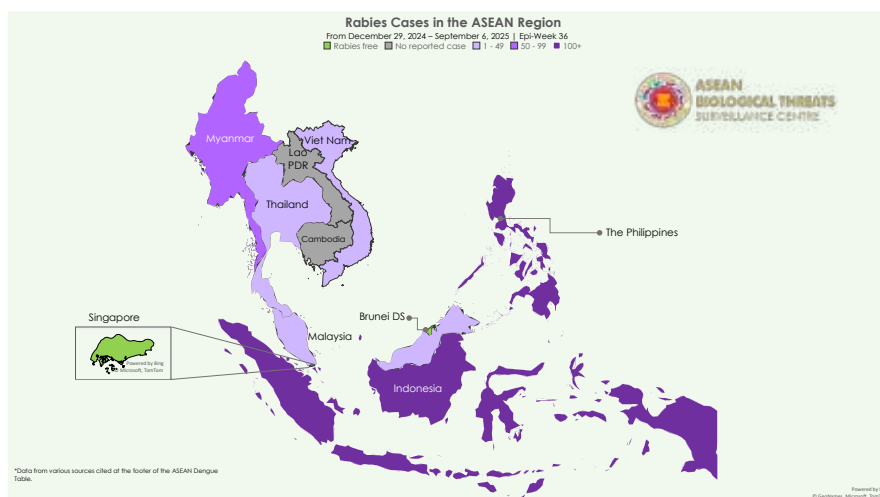
RABIES

Rabies Cases in the ASEAN Region

From December 29, 2024 to September 6, 2025 (Epi-Week 36, 2025)

Key Findings

- The **ASEAN** region reported **no** new rabies cases in Epiweek 36, 2025.
- Up to September 6, 2025, the region reported **453** total cases with **100%** CFR.



Rabies cases (Human) 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 34	109	-	109	100%
Lao PDR	-	-	-	-	-
Malaysia²	Week 35	2	-	1	100%
Myanmar³	Week 35	82	-	82	100%
Philippines²	Week 31	211	-	211	100%
Singapore			Rabies-free country		
Thailand²	Week 29	7	-	7	100%
Viet Nam²	Week 29	42	-	42	100%
Total		441	0	441	100%

Rabies cases (Animal) in the ASEAN region⁴

Country	Epi-Week Reported	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Brunei Darussalam			Rabies-free country		
Cambodia	Week 11	1	-	1	100%
Indonesia¹	-	-	-	-	-
Lao PDR	-	-	-	-	-
Malaysia²	Week 35	40	-	40	100%
Myanmar³	-	-	-	-	-
Philippines²	-	-	-	-	-
Singapore			Rabies-free country		
Thailand²	Week 35	166	-	166	100%
Viet Nam²	-	-	-	-	-
Total		207	0	207	100%

Source:

- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed September 9, 2025 (<https://portal.bluedot.global/>)
- Department of Public Health, Ministry of Health, Myanmar
- World Organization for Animal Health (WOAH), accessed September 9, 2025 (<https://wahis.woah.org/#/event-management>)

Vector-Borne Diseases





DENGUE

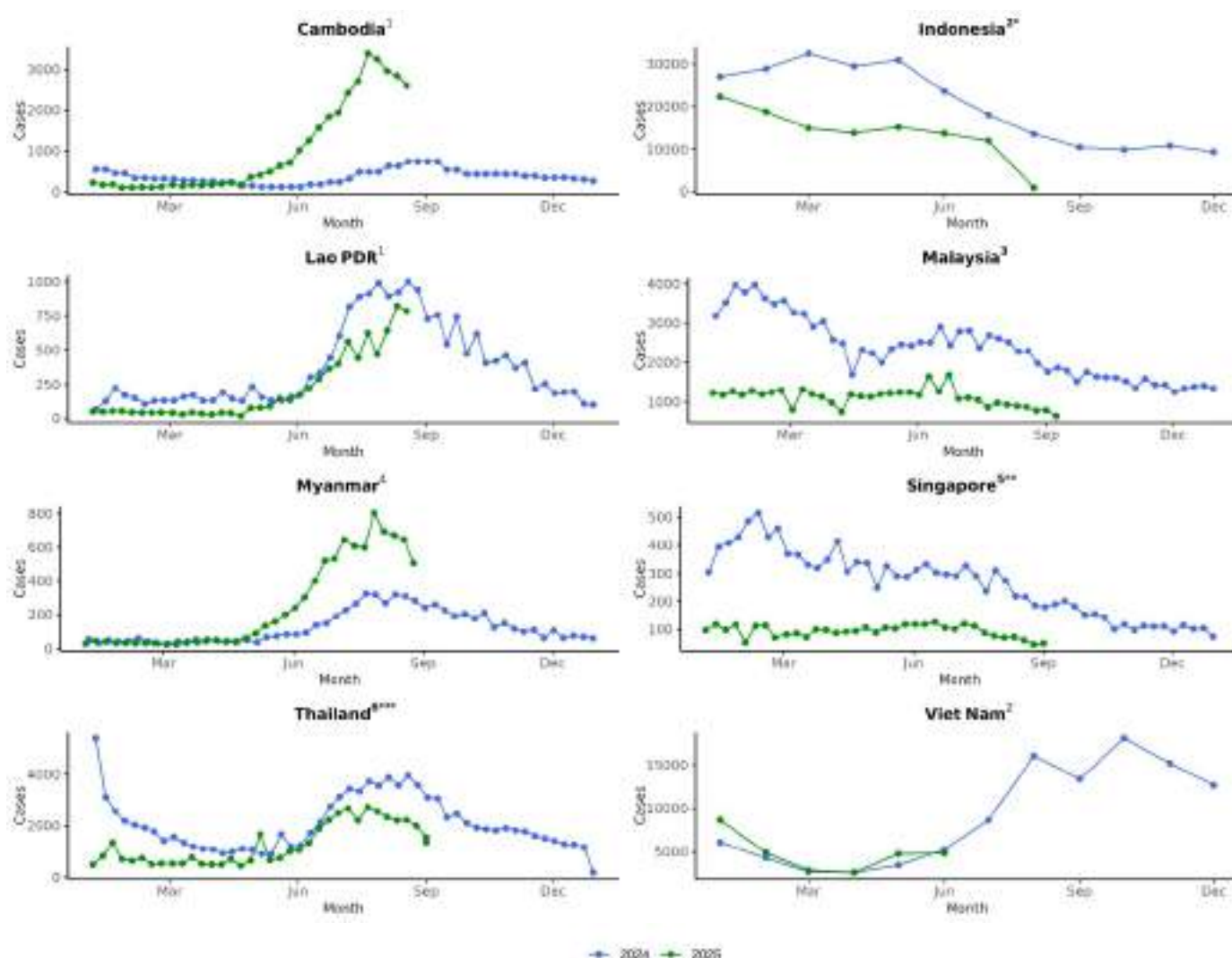
Dengue Cases in the ASEAN Region

From December 29, 2024 to September 6, 2025 (Epi-Week 36, 2025)

Key Findings

- The **ASEAN** region reported **14,777** new dengue cases in Epiweek 36, 2025.
- Up to September 6, 2025, the region reported **315,875** total cases and 602 total deaths with **0.20% CFR**.
- Most dengue trends in 2025 among AMS showing lower number of cases compared to previous year at the same period. Cambodia and Myanmar showing significant increase of dengue cases compared to previous year at the same period.

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



Source:

- WHO WPRO, "Dengue," World Health Organization, accessed September 9, 2025 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
- WHO Global Dengue Surveillance, accessed September 9, 2025 (https://worldhealthorg.shinyapps.io/dengue_global/).
- Portal Rasmi iDengue untuk Komuniti, accessed September 9, 2025 (<https://idengue.mysa.gov.my/>).
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health. "Weekly Infectious Disease Bulletin", accessed September 9, 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 September 9, 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



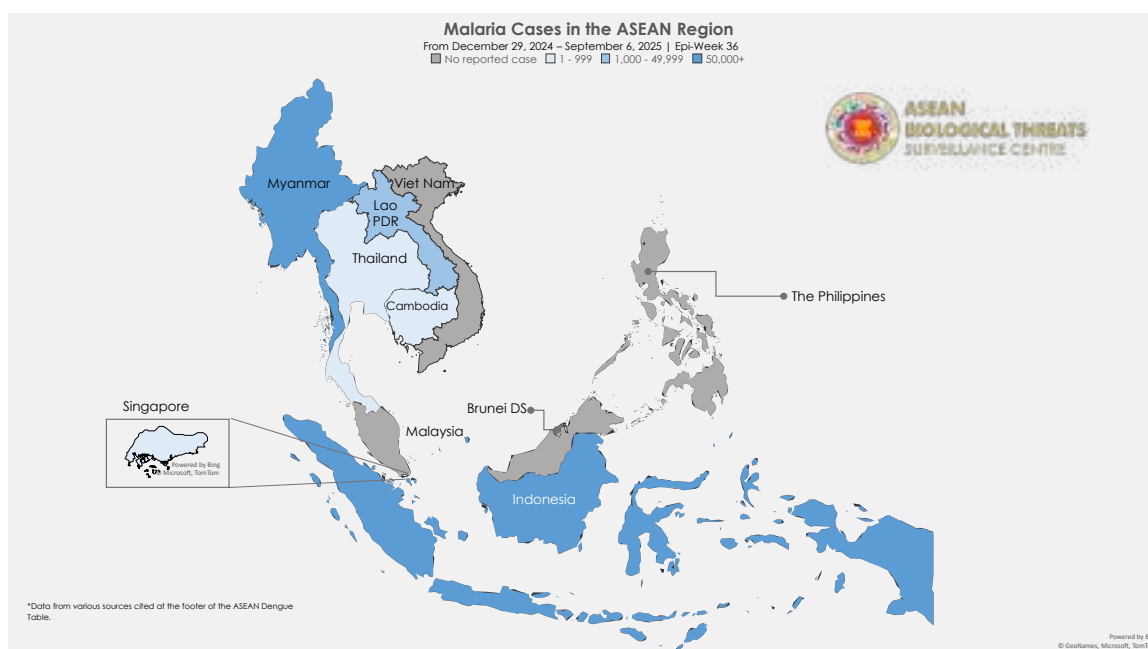
MALARIA

Malaria Cases in the ASEAN Region

From December 29, 2024 to September 6, 2025 (Epi-Week 36, 2025)

Key Findings

- The **ASEAN** region reported **45** new malaria cases in Epiweek 36, 2025.
- Up to September 6, 2025, the region reported **565,096** total cases and **95** deaths with **0.02%** CFR.

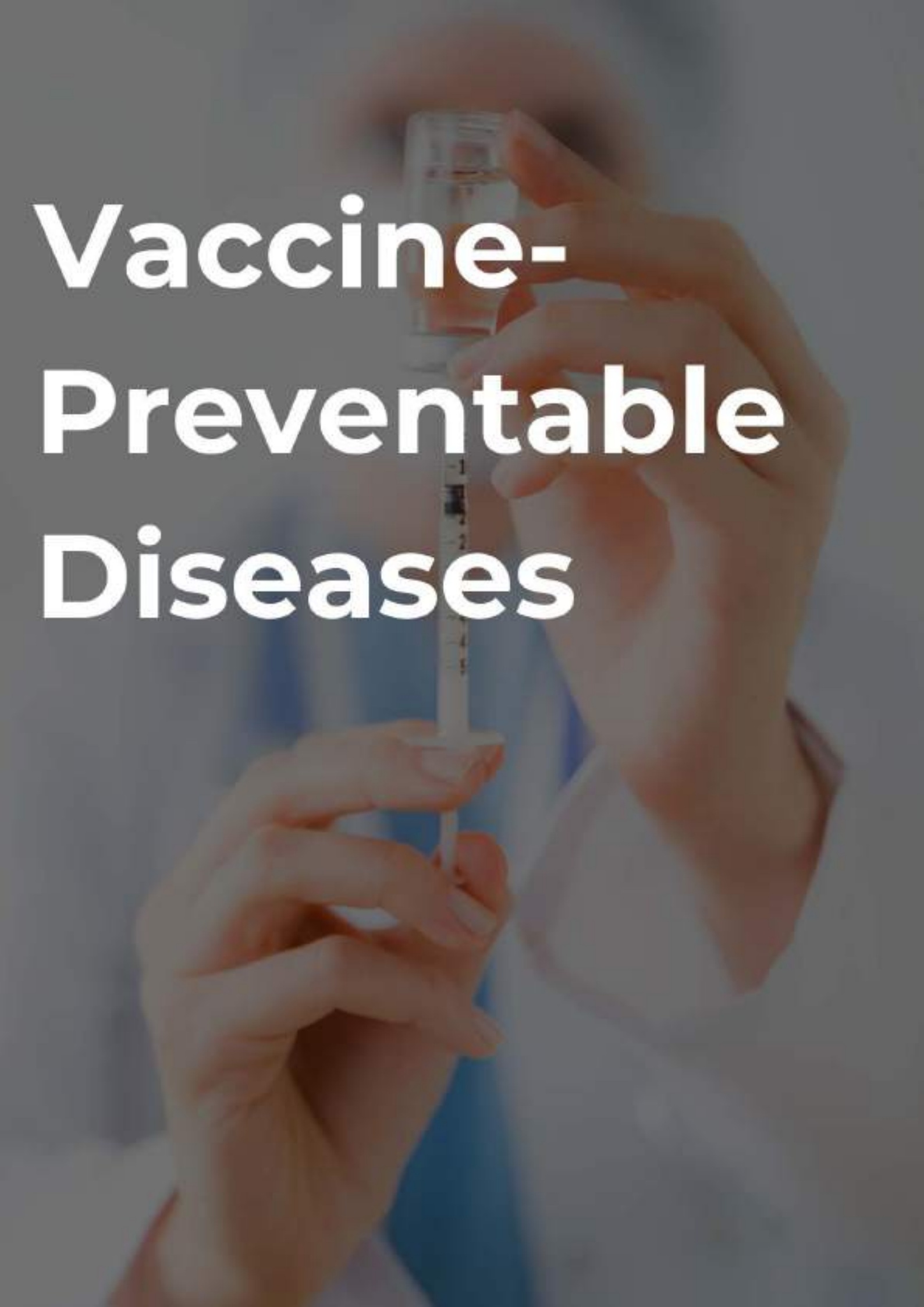


Malaria cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Cases	New Cases Since Last Week	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia¹	Week 36	94	8	0	0.00%
Indonesia²	Week 35	444,968	-	86	0.02%
Lao PDR³	Week 33	6,746	-	1	0.01%
Malaysia	-	-	-	-	-
Myanmar⁴	Week 31	110,069	-	5	0.01%
Philippines	-	-	-	-	-
Singapore⁵	Week 35	27	1	0	0.00%
Thailand⁶	Week 36	3,192	36	3	0.09%
Viet Nam	-	-	-	-	-
Total		565,096	45	95	0.02%

Source:

- Cambodia National Malaria Center, accessed September 9, 2025 (<https://mis.cnm.gov.kh/Dashboard>)
- Malaria Cases in Indonesia, accessed September 9, 2025 (<https://malaria.kemkes.go.id/case>)
- Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed September 9, 2025 (<https://www.facebook.com/CCEH.MoH.Lao/>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health Singapore, accessed September 9, 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 September 9, 2025 (https://dvis3.ddc.moph.go.th/ITDDC_CENTER_DOE/views/DDS2/sheet337%3Aembed=y&%3AisGuestRedirectFromVizportal=y)

A close-up photograph of a person wearing a white lab coat, using a syringe to draw liquid from a small glass vial. The person's hands are visible, and the background is a soft-focus clinical setting. The image is overlaid with a semi-transparent dark grey filter.

Vaccine- Preventable Diseases



MEASLES

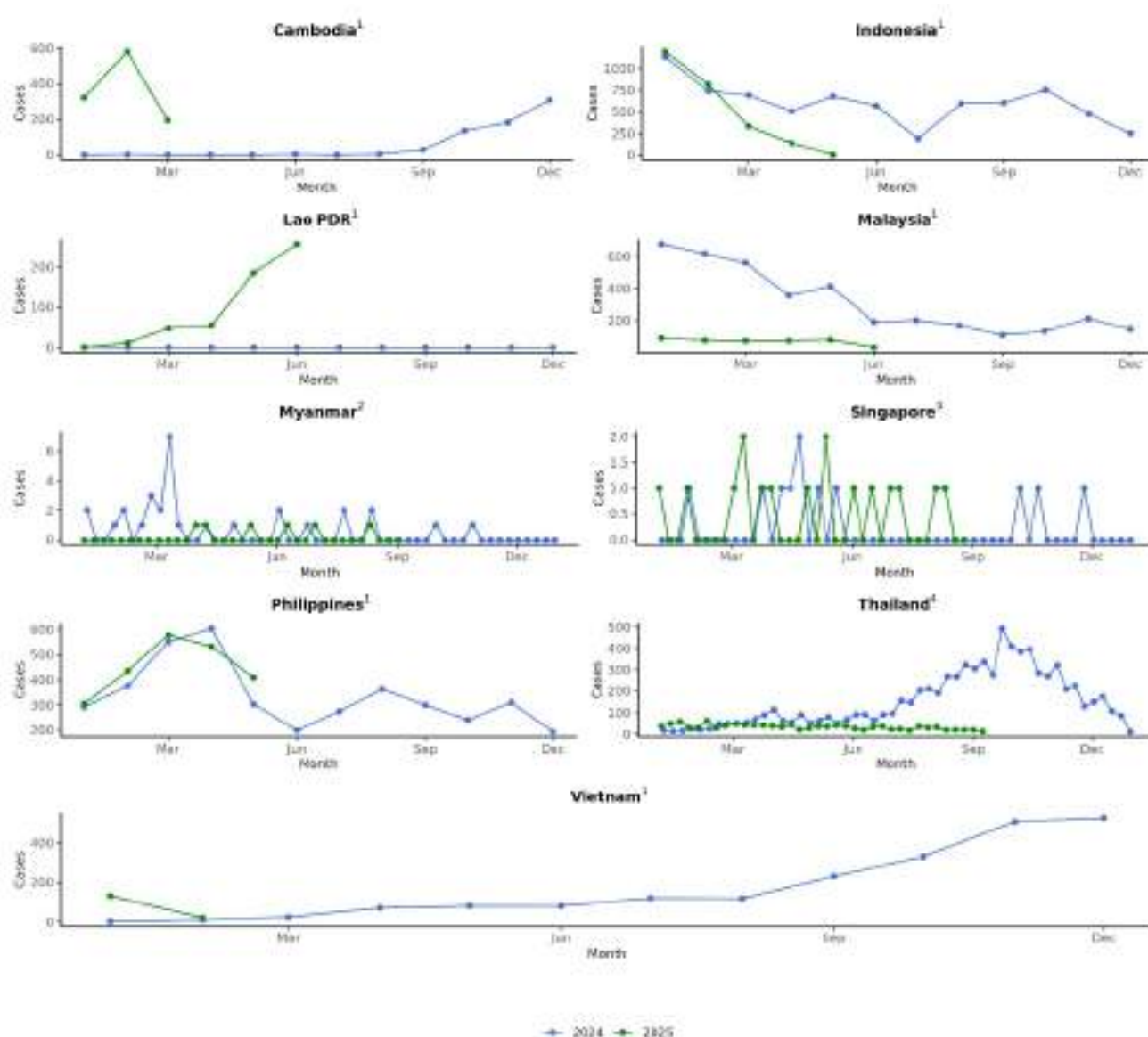
Measles Cases in the ASEAN Region

From December 29, 2024 to september 6, 2025 (Epi-Week 36, 2025)

Key Findings

- The **ASEAN** region reported **12** new measles cases in Epiweek 36, 2025.
- Up to September 6, 2025, the region reported **8,199** 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 September 9, 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 September 9, 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 September 9, 2025 (<http://doe.moph.go.th/surdata/index.php>)



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