



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

Editorial

ASEAN SECRETARIAT

Assistant Director and Head of Health Division
Human Development Directorate

ASEAN Socio-Cultural Community Department

Jennifer Frances dela Rosa, MPH, MSc HPPF

Programme Coordinator (Health Security)

Mitigation of Biological Threats (MBT) Programme

Michael Glen, MSSc

EDITORIAL TEAM

Editor-in-Chief

Abdurrahman, MPH

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Copy Editor

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Dwi Sasongko, A.Md.

Supporting Staff

Svetlana Pratiwi, SKM

Divva Kaamila, S.Tr.Kom

Natasha Alicia Putri, S.Tr.Kom

PUBLISHER

ASEAN Biological Threat Surveillance Centre

Health Policy Agency

Ministry of Health of Indonesia

Jl. Percetakan Negara No. 29 Johar Baru, Central Jakarta, Indonesia 10560

E-mail: support@aseanbiosurveillance.org

Facebook: <https://www.facebook.com/abvc.official/>

Instagram: <https://www.instagram.com/abvc.official/>

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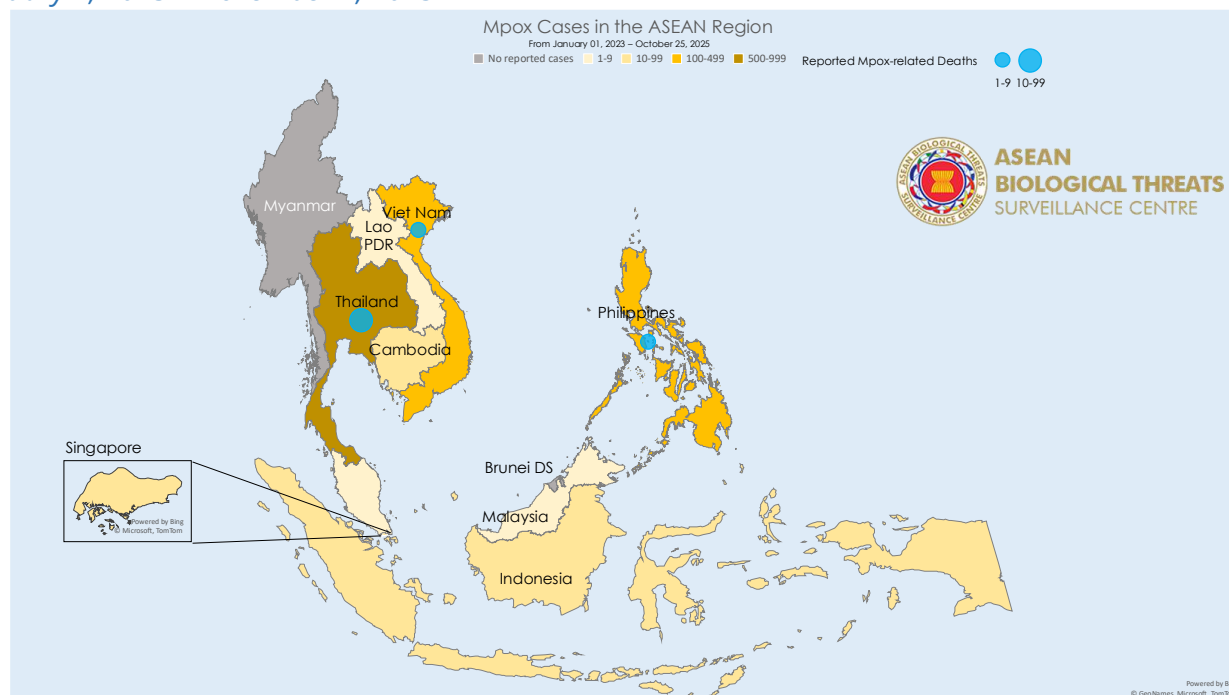
Emerging Diseases

A person wearing a full-body white protective suit, a hood, and a mask, holding a black glove. The background is a blurred laboratory setting. The text "Emerging Diseases" is overlaid in white.

MPOX

Mpox Cases Reported in the ASEAN Region

January 1, 2023 – November 1, 2025



Source:

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

Key Findings

- From 1 January 2023 to 1 November 2025, **81,910** confirmed cases worldwide since 2023, including **394** deaths. Globally, the CFR was **0.48 %**.
- **1,674 confirmed cases** including **29 deaths** in the **ASEAN** region, with a CFR of **1.73%**.
- **80,236 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 Nov. 1, 2025)

ASEAN Member States	Cumulative Cases 2023-2025	New Cases Since Previous Report	Cumulative Deaths 2023-2025	New Deaths Since Previous Report	CFR
Cambodia ¹	20	0	0	0	0.00%
Indonesia ²	87	0	0	0	0.00%
Lao PDR ³	1	0	0	0	0.00%
Malaysia ³	17	0	0	0	0.00%
Philippines ³	330	0	7	0	2.12%
Singapore ⁴	62	0	0	0	0.00%
Thailand ³	948	0	13	0	1.37%
Vietnam ³	209	0	9	0	4.31%
ASEAN Total	1,674	0	29	0	1.73%

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 November 4, 2025 (https://worldhealthorg.shinyapps.io/mpox_global/)
4. Ministry of Health Singapore, accessed November 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 Nov. 1, 2025)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	30,615	0	75	0.24%
Uganda	8,209	0	50	0.61%
United States of America	5,497	0	10	0.18%
Sierra Leone	5,345	0	56	1.05%
Burundi	4,483	0	1	0.02%

Source: WHO Mpox Outbreak: Global Trends, accessed November 4, 2025 (https://worldhealthorg.shinyapps.io/mpox_global/)

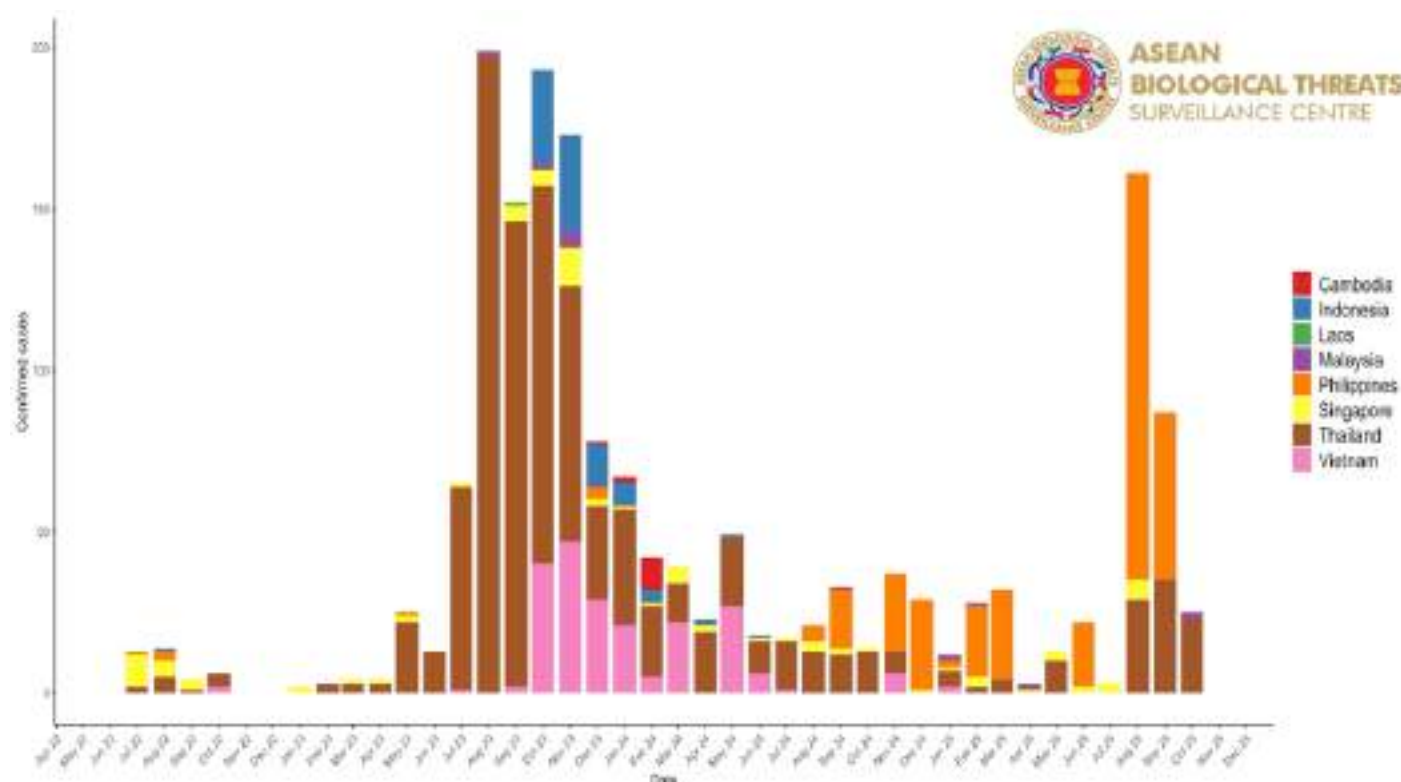
Mpox cases per region (Jan. 1, 2023 to Nov. 1, 2025)

REGIONS	CUMULATIVE CASES 2023-2025	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	53,719	0	225	0.42%
AMERICAS	13,070	0	102	0.78%
ASEAN	1,674	0	29	1.73%
ASIA & OCEANIA	8,330	0	33	0.40%
EUROPE	5,117	0	5	0.10%
TOTAL	81,910	0	394	0.48%

Source: WHO Mpox Outbreak: Global Trends, accessed November 4, 2025 (https://worldhealthorg.shinyapps.io/mpox_global/)

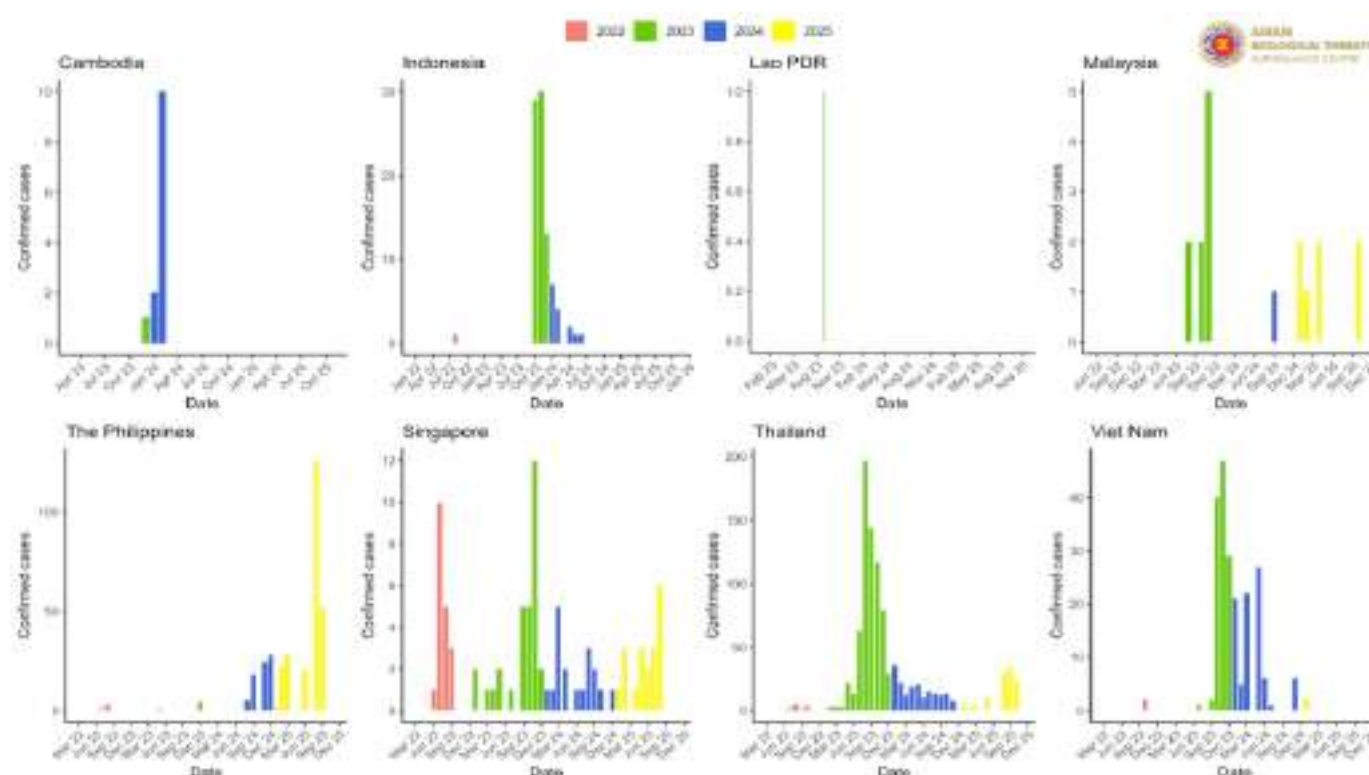
Trend of Mpox Confirmed Cases in the ASEAN Region

January 1, 2022 to November 1, 2025



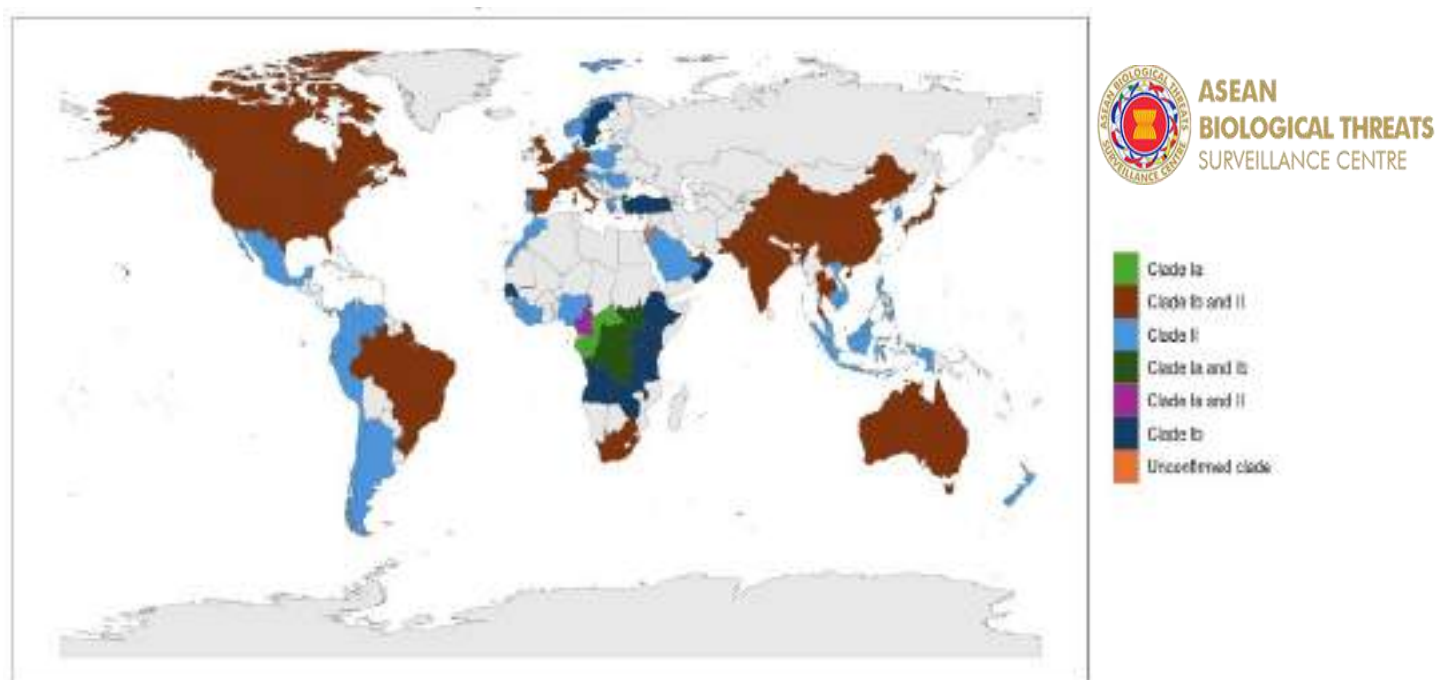
Source: WHO Mpox Outbreak: Global Trends, accessed November 4, 2025 (https://worldhealthorg.shinyapps.io/mpox_global/)

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



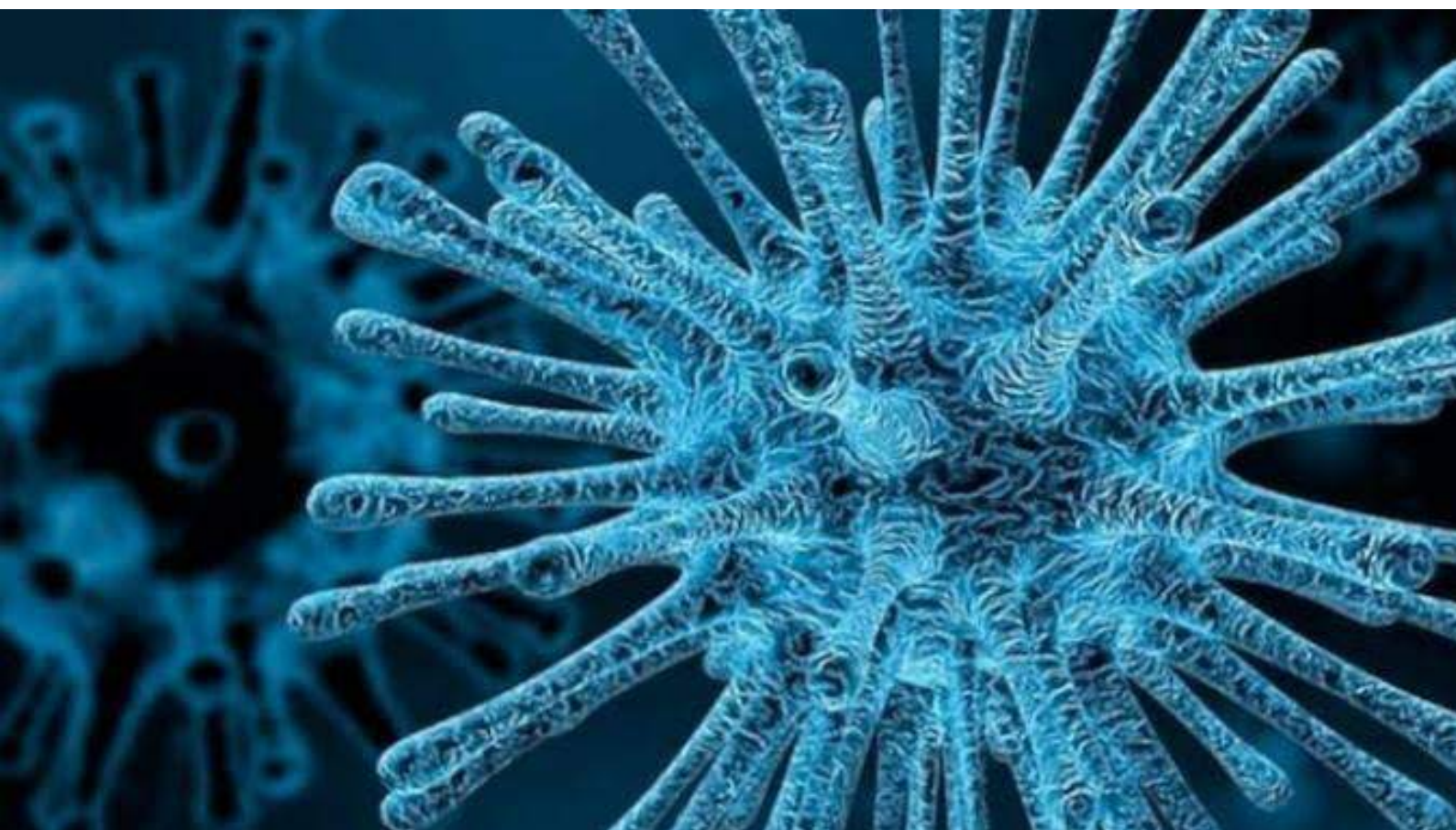
Source: WHO Mpox Outbreak: Global Trends, accessed November 4, 2025 (https://worldhealthorg.shinyapps.io/mpox_global/)

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



Source: GISAID and WHO

Distribution of Mpox Variant (Clade) in the ASEAN and Neighbouring Countries and Areas As of November 1, 2025



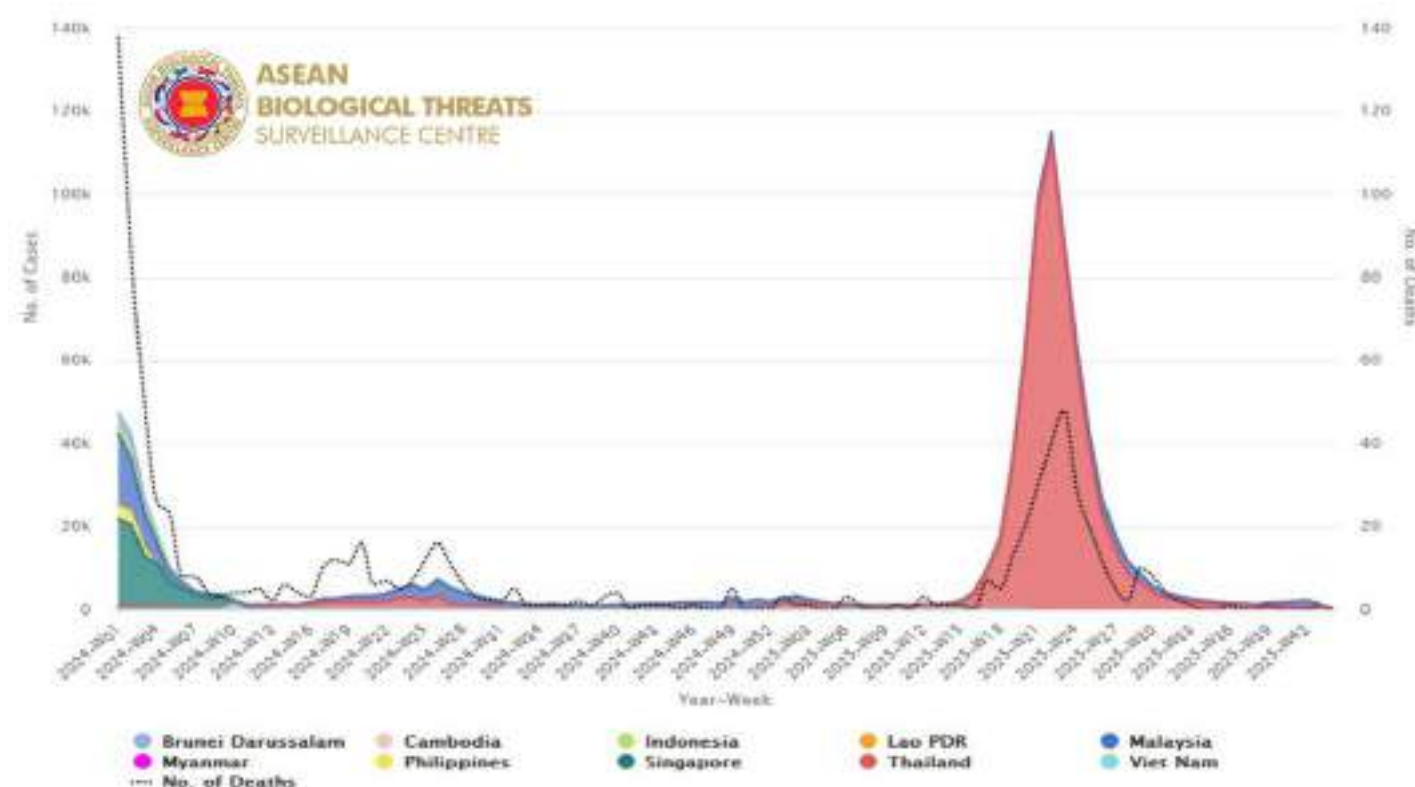
COVID-19

Key Findings

- As of 1 November 2025 (5PM, GMT+7), there were **778,652,552** confirmed cases **worldwide**, including **7,102,014** deaths. Globally, the Case Fatality Rate (CFR) was **0.91%**.
- 37,755,921 total confirmed cases** of COVID-19 have been reported in the **ASEAN Region**.
- The CFR in the **ASEAN Region** was **0.98%**.
- In October 2025, the latest submission on GISAID by Indonesia and Singapore showed dominance in **Omicron B.1.1.529+BA.*** variant. Meanwhile, other member states such as Lao PDR, Cambodia, Malaysia, and Viet Nam were still dominated by **NB.1.8.1** variant. Thailand revealed an equal percentage between **Omicron B.1.1.529+BA.*** and **NB.1.8.1** variants.

ASEAN Weekly COVID-19 Cases and Deaths

From January 1, 2024 to November 1, 2025

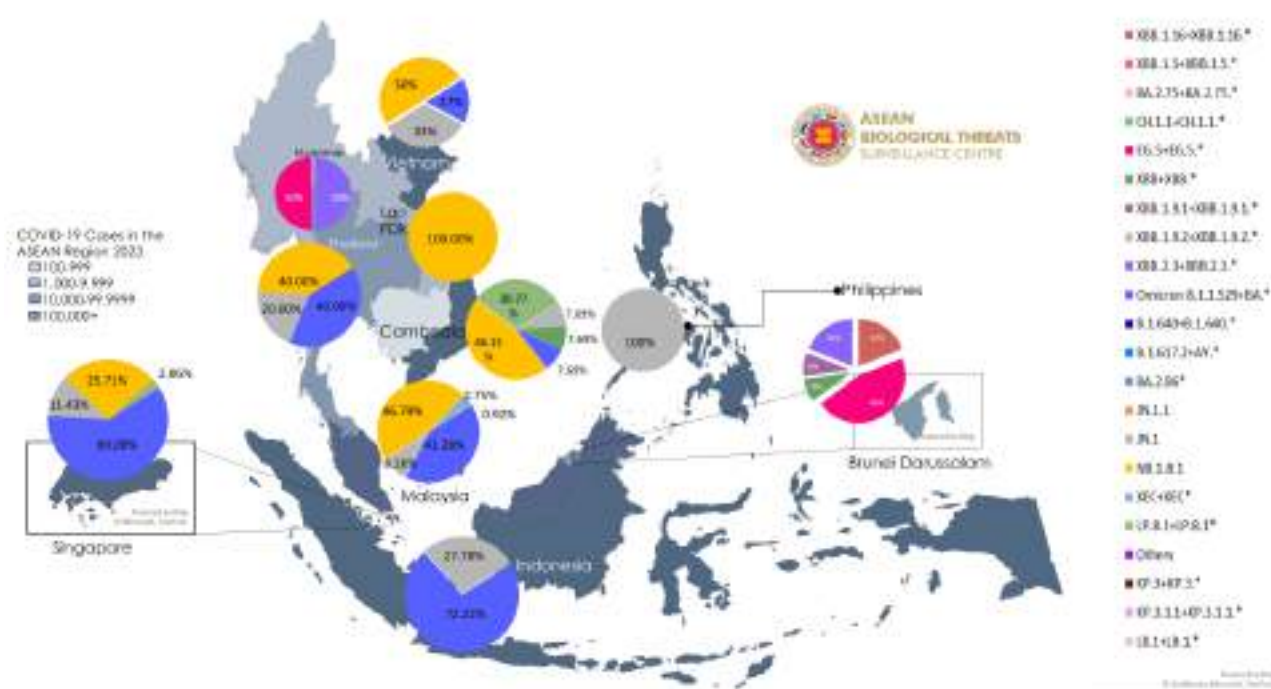


Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), MOH Myanmar, [MOH Malaysia](#), and [WHO](#) accessed on November 4, 2025

- 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 44.
- The latest updated of COVID-19 cases were reported low by ASEAN Member States.

COVID-19 Variants Frequencies Among the ASEAN Member States

As of October 2025

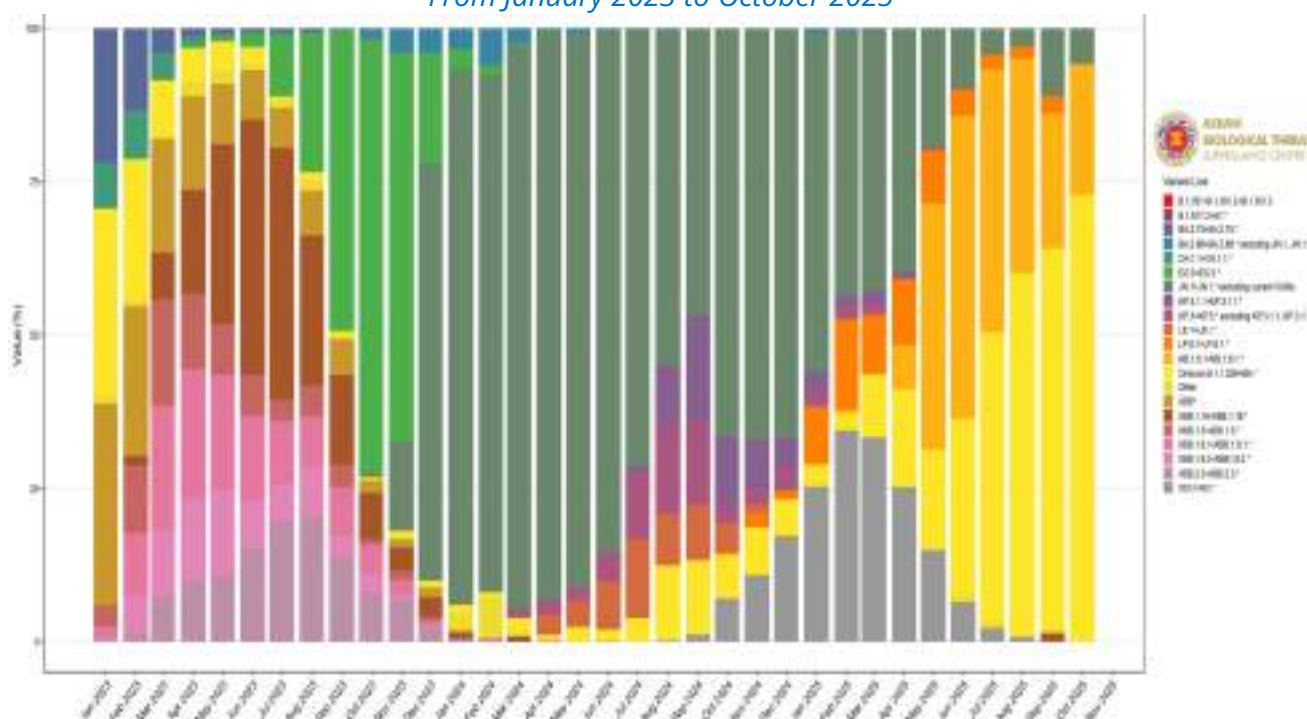


Source: GISAID. "hCoV-19 Variants Dashboard," accessed November 4, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

In October 2025, the latest submission on GISAID by Indonesia and Singapore showed dominance in **Omicron B.1.1.529+BA.*** variant. Meanwhile, other member states such as Lao PDR, Cambodia, Malaysia, and Viet Nam were still dominated by **NB.1.8.1** variant. Thailand revealed an equal percentage between **Omicron B.1.1.529+BA.*** and **NB.1.8.1** variants.

COVID-19 Variants Frequencies in the ASEAN Region

From January 2023 to October 2025



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

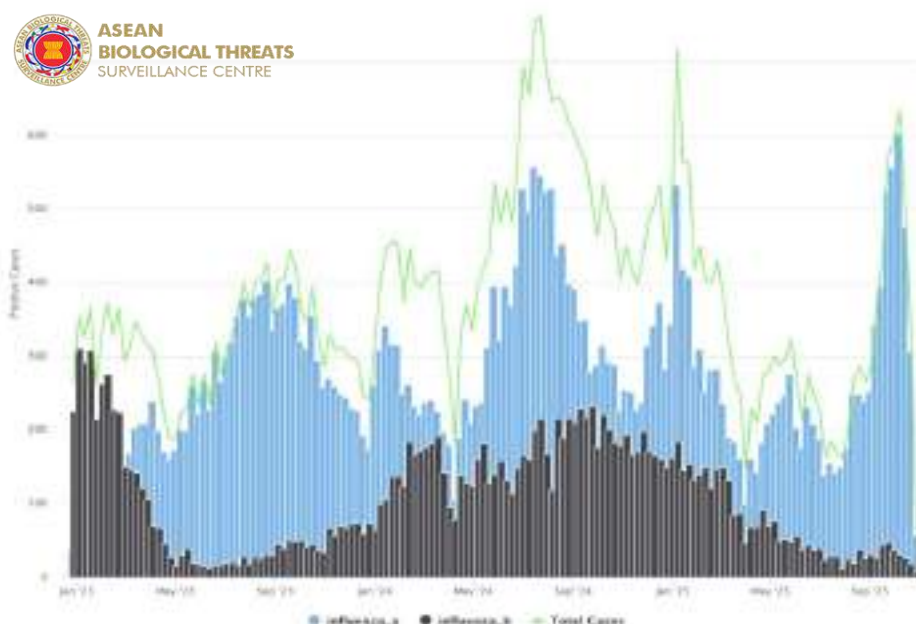
INFLUENZA

Key Findings

- Recently, most influenza cases among ASEAN Member States had increased.
- 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

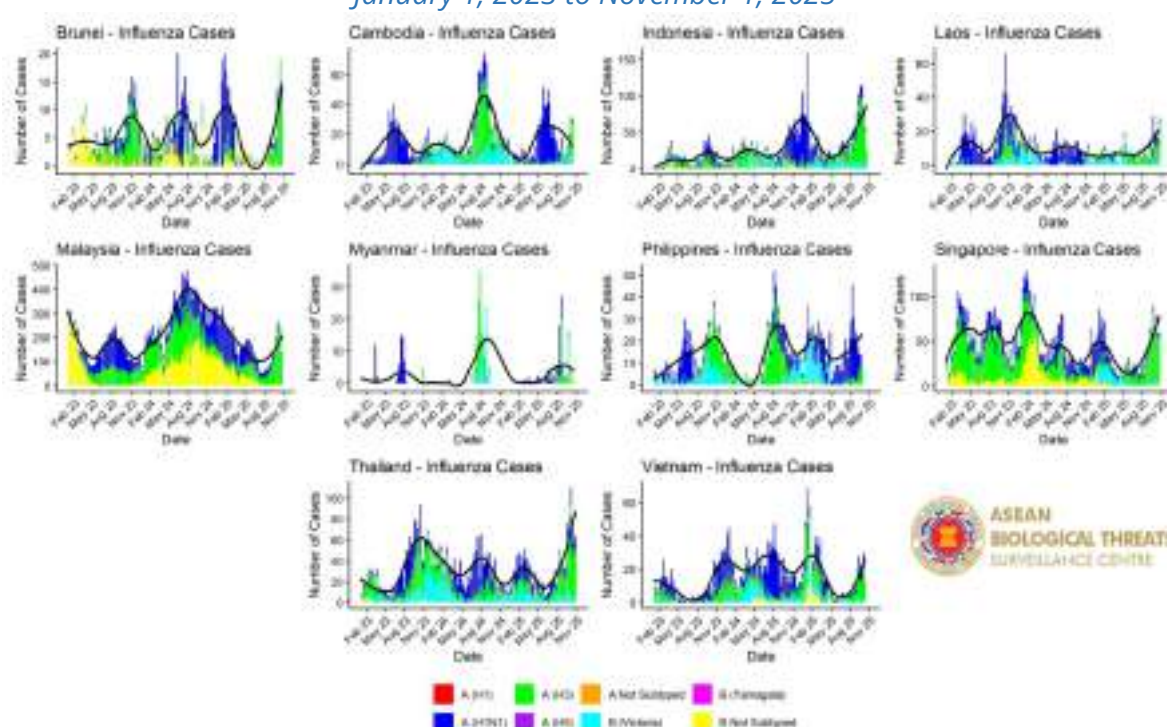
From January 1, 2023 to November 1, 2025



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

Trend of Influenza Cases among ASEAN Member States

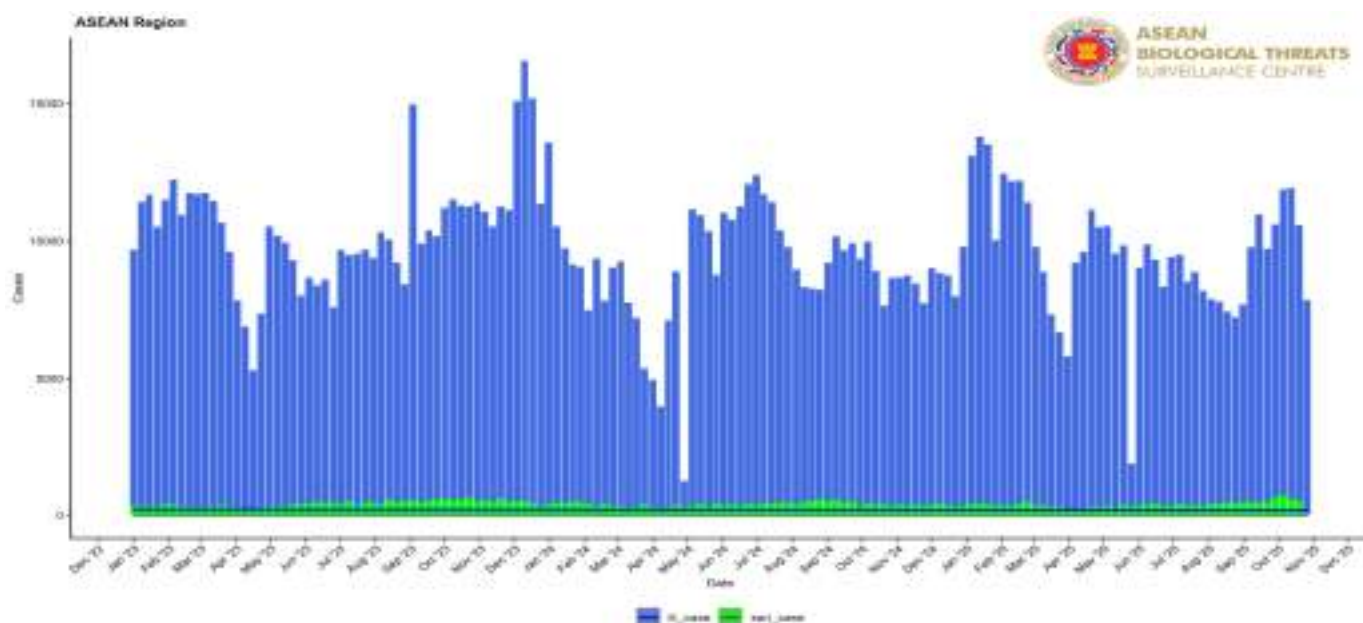
January 1, 2023 to November 1, 2025



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

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

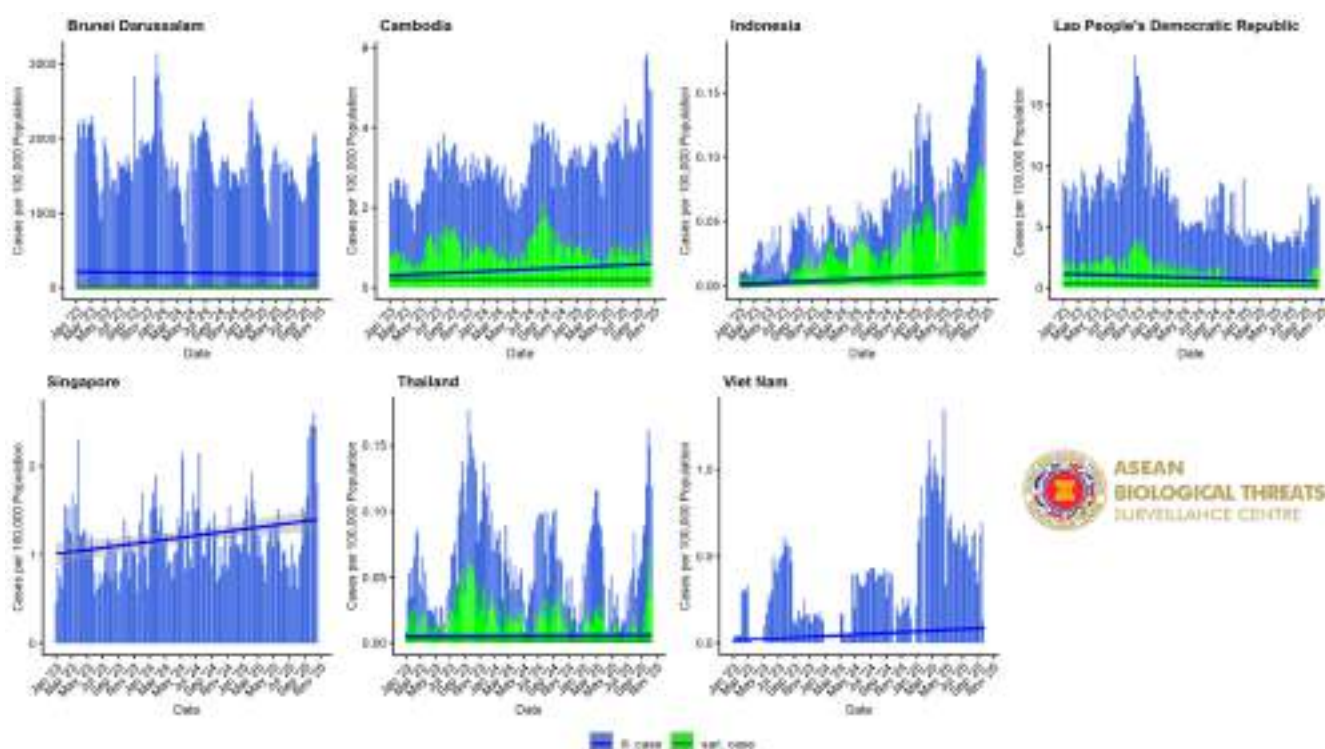
January 1, 2023 to November 1, 2025



Source: WHO FluID, accessed November 4, 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 November 1, 2025



Source: WHO FluID, accessed November 4, 2025 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-outputs>)

Zoonosis



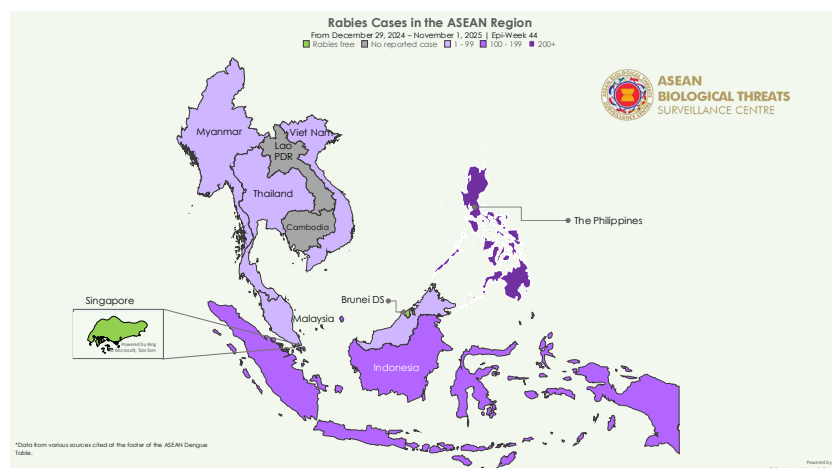
RABIES

Rabies Cases in the ASEAN Region

From December 29, 2024 to November 1, 2025 (Epi-Week 44, 2025)

Key Findings

- The **ASEAN** region reported **one** new rabies cases in Epi-week 44, 2025.
- Up to November 1, 2025, the region reported **510** 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 42	131	-	131	100%
Lao PDR	-	-	-	-	-
Malaysia²	Week 44	6	1	6	100%
Myanmar³	Week 42	97	-	97	100%
Philippines²	Week 31	211	-	211	100%
Singapore			Rabies-free country		
Thailand²	Week 29	7	-	7	100%
Viet Nam²	Week 42	58	-	58	100%
Total		510	1	510	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	Week 30	2	-	2	100%
Philippines²	Week 43	38	38	38	100%
Singapore			Rabies-free country		
Thailand²	Week 38	200	-	200	100%
Viet Nam²	-	-	-	-	-
Total		281	38	281	100%

Source:

- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed November 4, 2025 (<https://portal.bluedot.global/>)
- Department of Public Health, Ministry of Health, Myanmar
- World Organization for Animal Health (WOAH), accessed November 4, 2025 (<https://wahis.woah.org/#/event-management>)

Vector-Borne Diseases



DENGUE

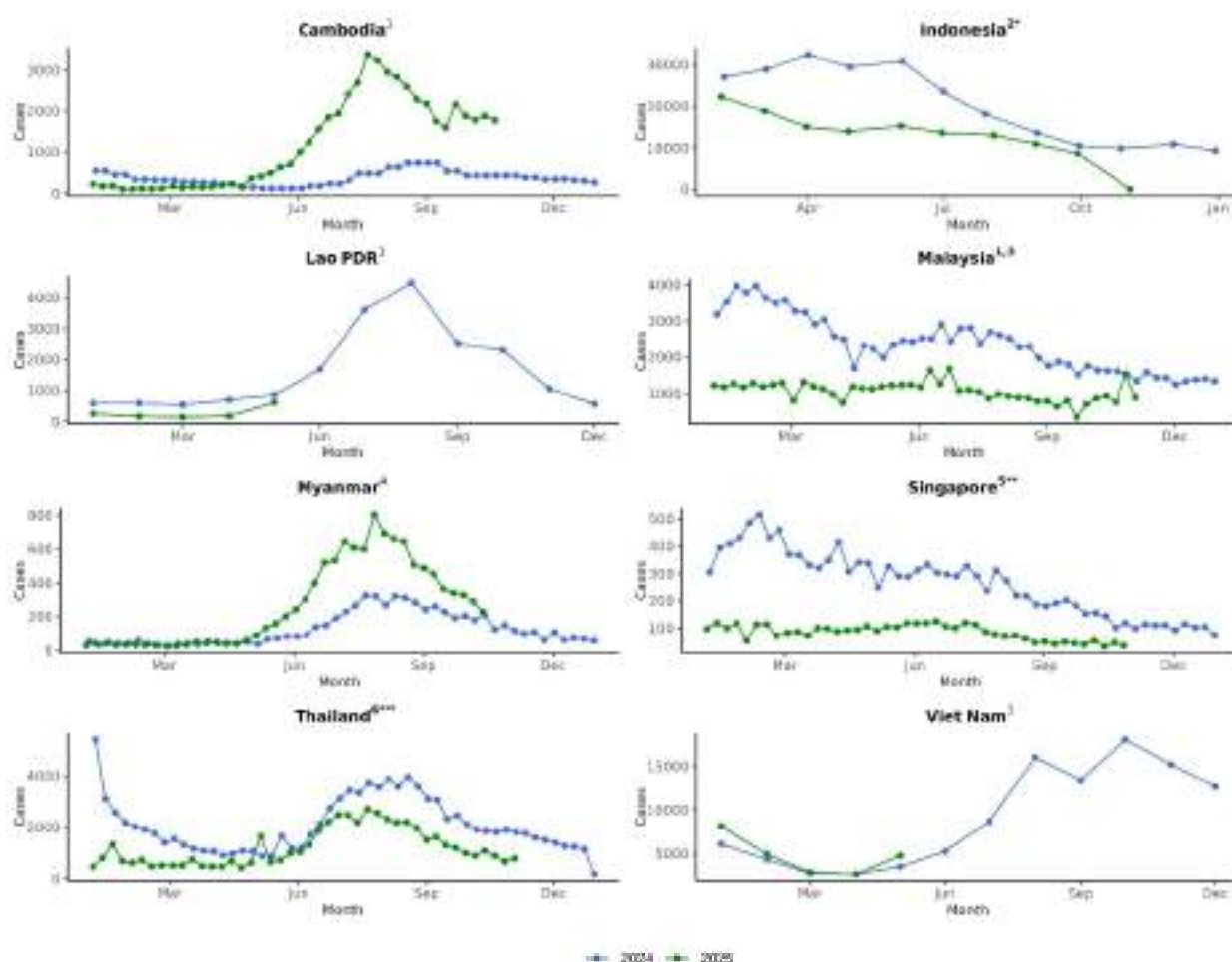
Dengue Cases in the ASEAN Region

From December 29, 2024 to November 1, 2025 (Epi-Week 44, 2025)

Key Findings

- The **ASEAN** region reported **12,693** new dengue cases in Epi-week 44, 2025.
- Up to November 1, 2025, the region reported **430,124** total cases and **758** total deaths with **0.18% CFR**.
- Most dengue trends in 2025 among AMS showing lower number of cases compared to previous year at the same period. At the first half of 2025, Cambodia and Myanmar showing significant increase of dengue cases compared to previous year at the same period, however currently showing downward in the second half of 2025.

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



Source:

- WHO WPRO, "Dengue," World Health Organization, accessed November 4, 2025 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
- WHO Global Dengue Surveillance, accessed November 4, 2025 (https://worldhealthorg.shinyapps.io/dengue_global/).
- Portal Rasmi iDengue untuk Komuniti, accessed November 4, 2025 (<https://idengue.mysa.gov.my/>).
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health. "Weekly Infectious Disease Bulletin", accessed November 4, 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 November 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

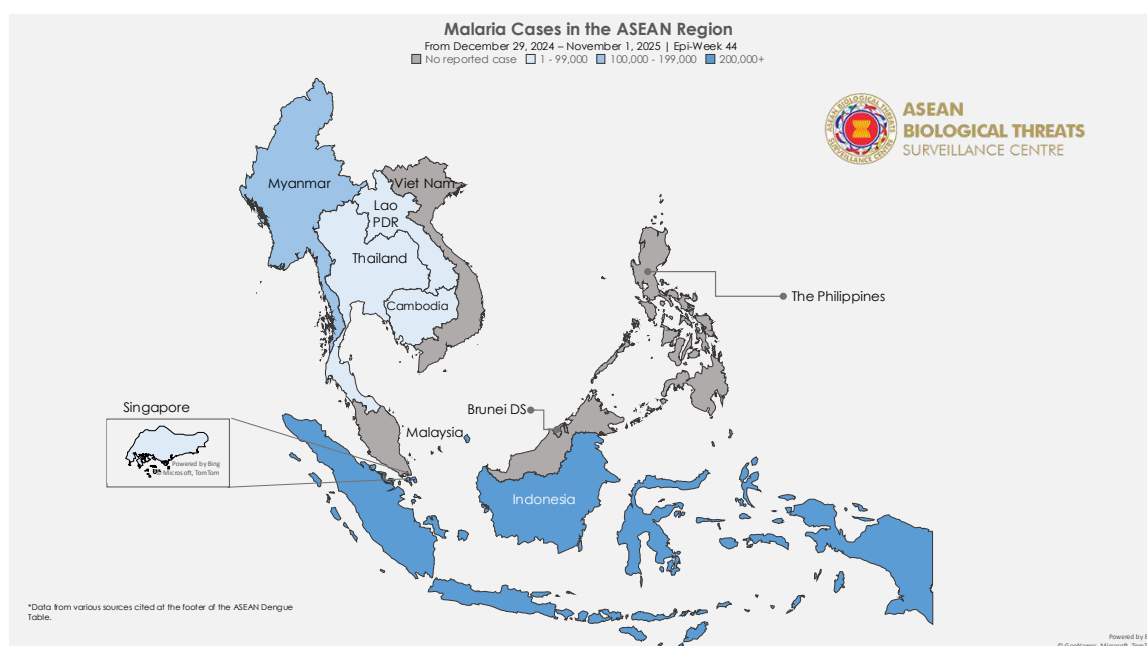
MALARIA

Malaria Cases in the ASEAN Region

From December 29, 2024 to November 1, 2025 (Epi-Week 44, 2025)

Key Findings

- The **ASEAN** region reported **46** new malaria cases in Epi-week 44, 2025.
- Up to November 1, 2025, the region reported **692,106** total cases and **92** deaths with **0.01%** CFR.



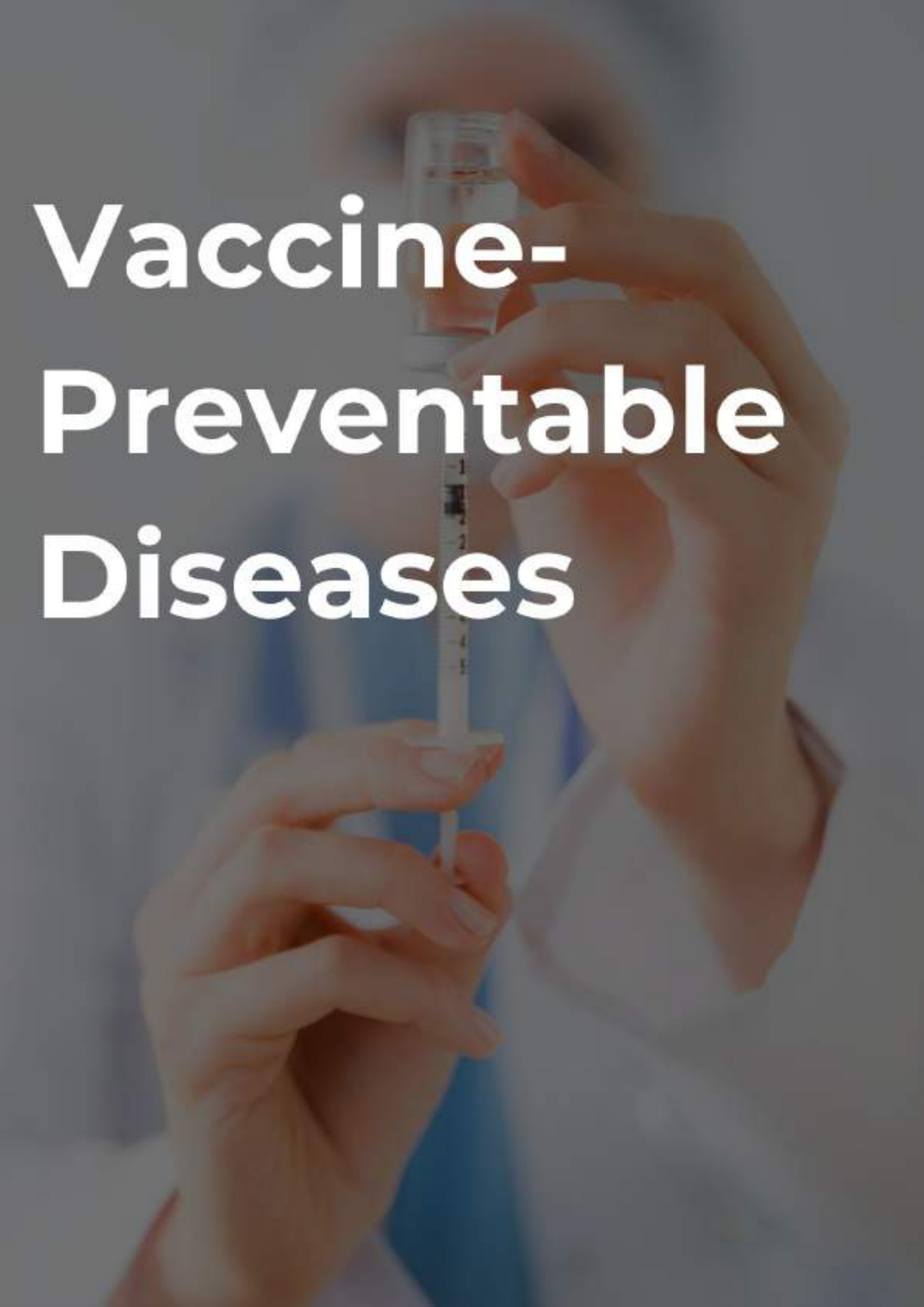
Malaria cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Cases	New Cases Since Last Week	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia¹	Week 44	103	1	0	0.00%
Indonesia²	Week 43	568,897	-	84	0.01%
Lao PDR	-	-	-	-	-
Malaysia	-	-	-	-	-
Myanmar³	Week 35	119,489	-	5	0.004%
Philippines	-	-	-	-	-
Singapore⁴	Week 43	30	0	0	0.00%
Thailand⁵	Week 44	3,587	45	3	0.09%
Viet Nam	-	-	-	-	-
Total		692,106	46	92	0.01%

Source:

- Cambodia National Malaria Center, accessed November 4, 2025 (<https://mis.cnm.gov.kh/Dashboard>)
- Malaria Cases in Indonesia, accessed November 4, 2025 (<https://malaria.kemkes.go.id/case>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health Singapore, accessed November 4, 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 November 4, 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 clear 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

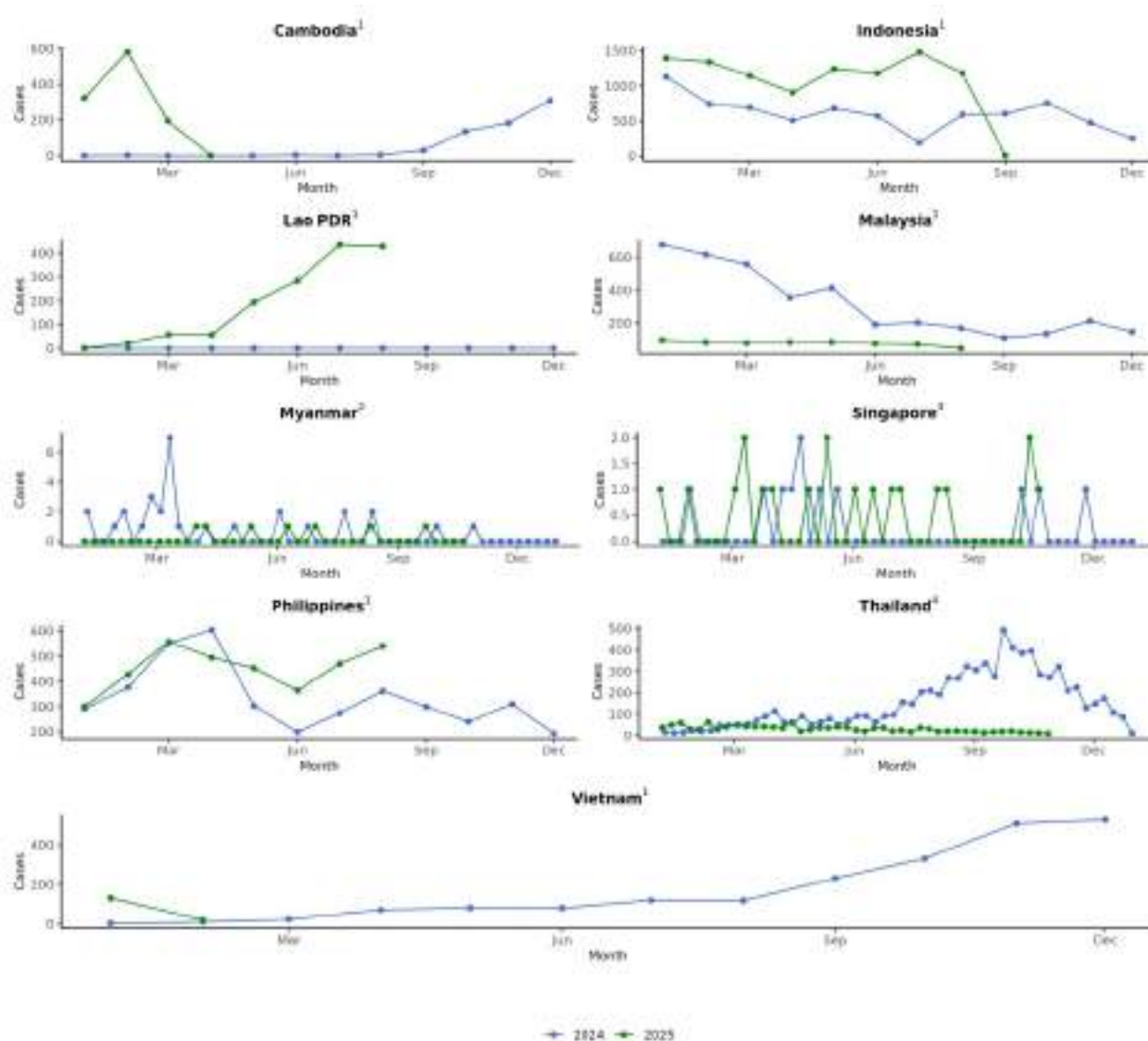
Measles Cases in the ASEAN Region

From December 29, 2024 to November 1, 2025 (Epi-Week 44, 2025)

Key Findings

- The **ASEAN** region reported **15** new measles cases in Epi-week 44, 2025.
- Up to November 1, 2025, the region reported **18,172** total cases with **0%** CFR.
- Mostly measles cases in the ASEAN Region slightly decrease compared to the same period on the previous year. Indonesia showing increased trend compared to previous year, then showing downward trend in September. The Philippines showing increased trend in the first half of 2025 compared to previous year.

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



Source:

- Provisional Measles and Rubella Data, World Health Organization, accessed November 4, 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 November 4, 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 November 4, 2025 (<http://doe.moph.go.th/surdata/index.php>)



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