



**ASEAN
BIOLOGICAL THREATS
SURVEILLANCE CENTRE**

Morbidity and Mortality Weekly Report (MMWR)

Infectious & Emerging Diseases
in the ASEAN Region

With Support by:



Korea Disease Control and
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@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, MSc

EDITORIAL TEAM

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Supporting Staff
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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 face mask is shown. They are also wearing black gloves. The person is holding a small, dark object in their gloved hand. The background is dark and out of focus.

MPOX

Mpox Cases Reported in the ASEAN Region

January 1, 2023 – September 20, 2025



Source:

1. Ministry of Health Republic of Indonesia
2. Ministry of Health Singapore, accessed September 23, 2025. <https://www.moh.gov.sg/resources/statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>

Key Findings

- From 1 January 2023 to 20 September 2025, **76,418** confirmed cases worldwide since 2023, including **379** deaths. Globally, the CFR was **0.50 %**.
- **1,649 confirmed cases** including **29 deaths** in the **ASEAN** region, with a CFR of **1.76%**.
- **74,769 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. 20, 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	15	0	0	0	0.00%
Philippines ²	330	52	7	0	2.12%
Singapore ⁴	62	0	0	0	0.00%
Thailand ²	925	12	13	0	1.41%
Vietnam ³	209	0	9	0	4.31%
ASEAN Total	1,649	64	29	0	1.76%

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 23, 2025 (<https://www.who.int/news-room/spotlights/mpox-global>)
4. Ministry of Health Singapore, accessed September 23, 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. 20, 2025)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	26,978	1,237	68	0.25%
Uganda	8,012	302	50	0.62%
United States of America	5,497	311	10	0.18%
Sierra Leone	5,245	226	46	0.92%
Burundi	4,405	163	1	0.02%

Source: WHO Mpox Outbreak Global Trends, accessed September 23, 2025 (<https://www.who.int/emergencies/mpox/global>)

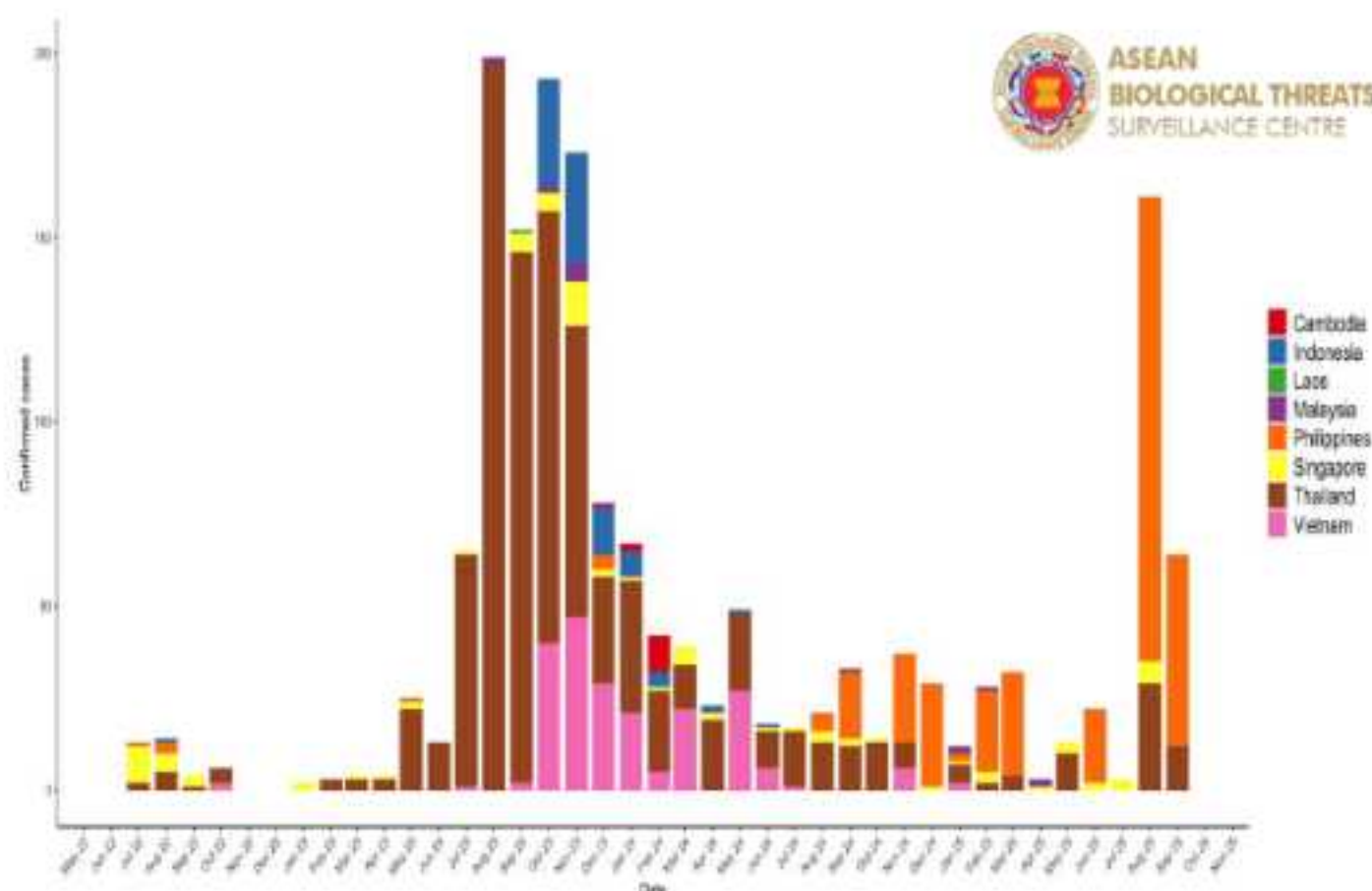
Mpox cases per region (Jan. 1, 2023 to Sep. 20, 2025)

REGIONS	CUMULATIVE CASES 2023-2025	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	48,740	3,234	210	0.43%
AMERICAS	12,831	565	102	0.79%
ASEAN	1,649	64	29	1.76%
ASIA & OCEANIA	8,313	386	33	0.40%
EUROPE	4,885	190	5	0.10%
TOTAL	76,418	4,439	379	0.50%

Source: WHO Mpox Outbreak Global Trends, accessed September 23, 2025 (<https://www.who.int/emergencies/mpox/global>)

Trend of Mpox Confirmed Cases in the ASEAN Region

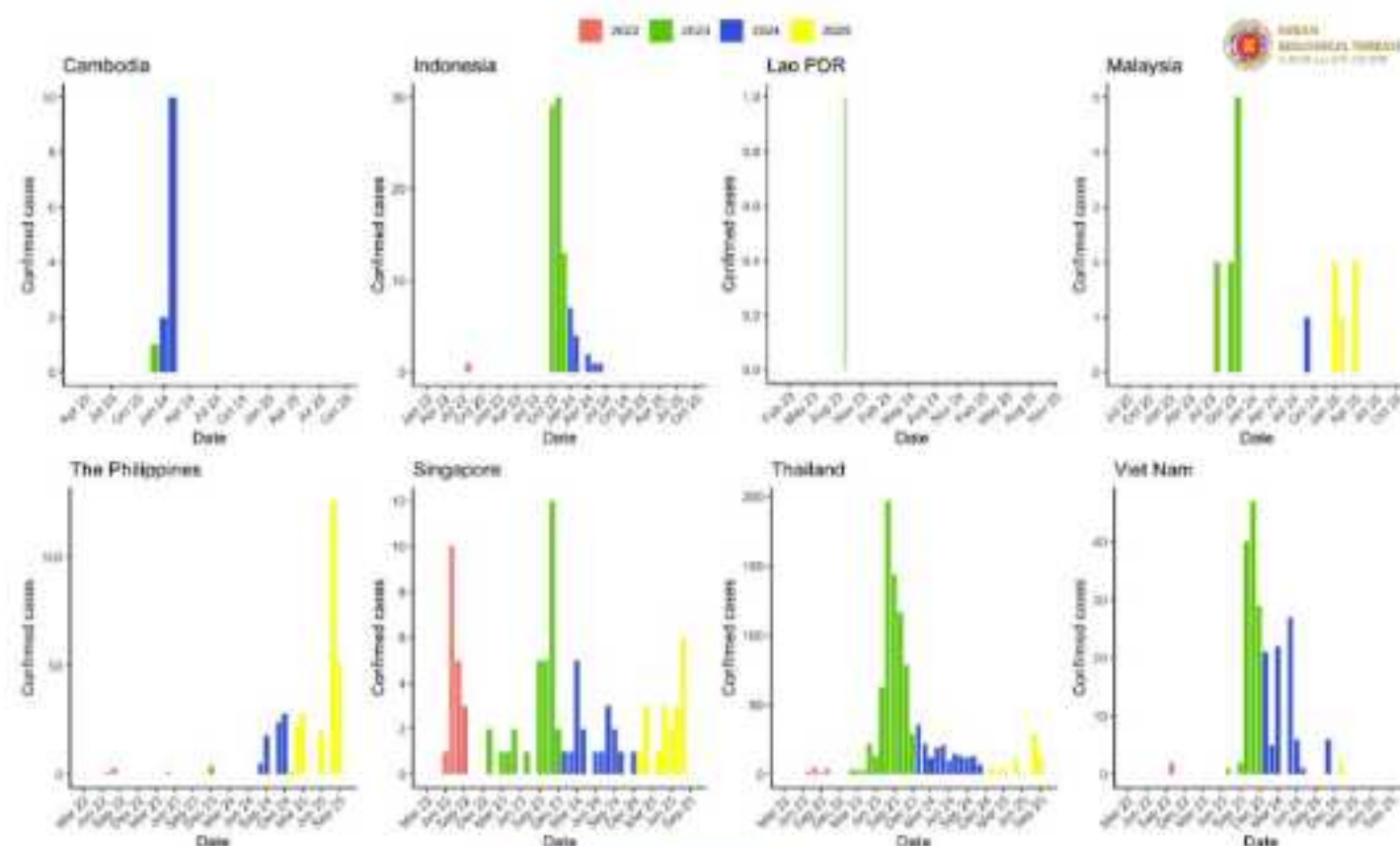
January 1, 2022 to September 20, 2025



Source: Our World in Data, accessed on September 23, 2025 (<https://ourworldindata.org/monkeypox>)

Trend of Mpox Confirmed Cases among ASEAN Member States

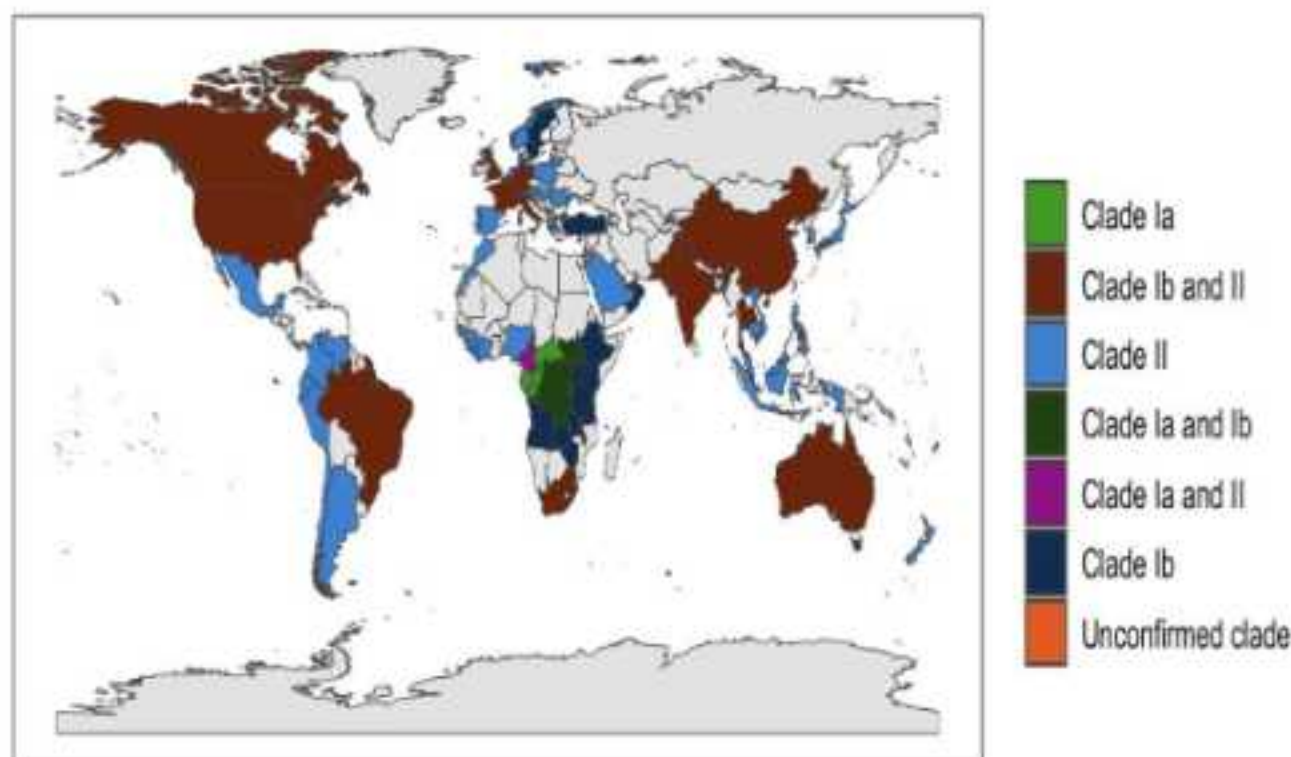
January 1, 2022 to September 20, 2025



Source: Our World in Data, accessed on September 23, 2025 (<https://ourworldindata.org/mpox>)

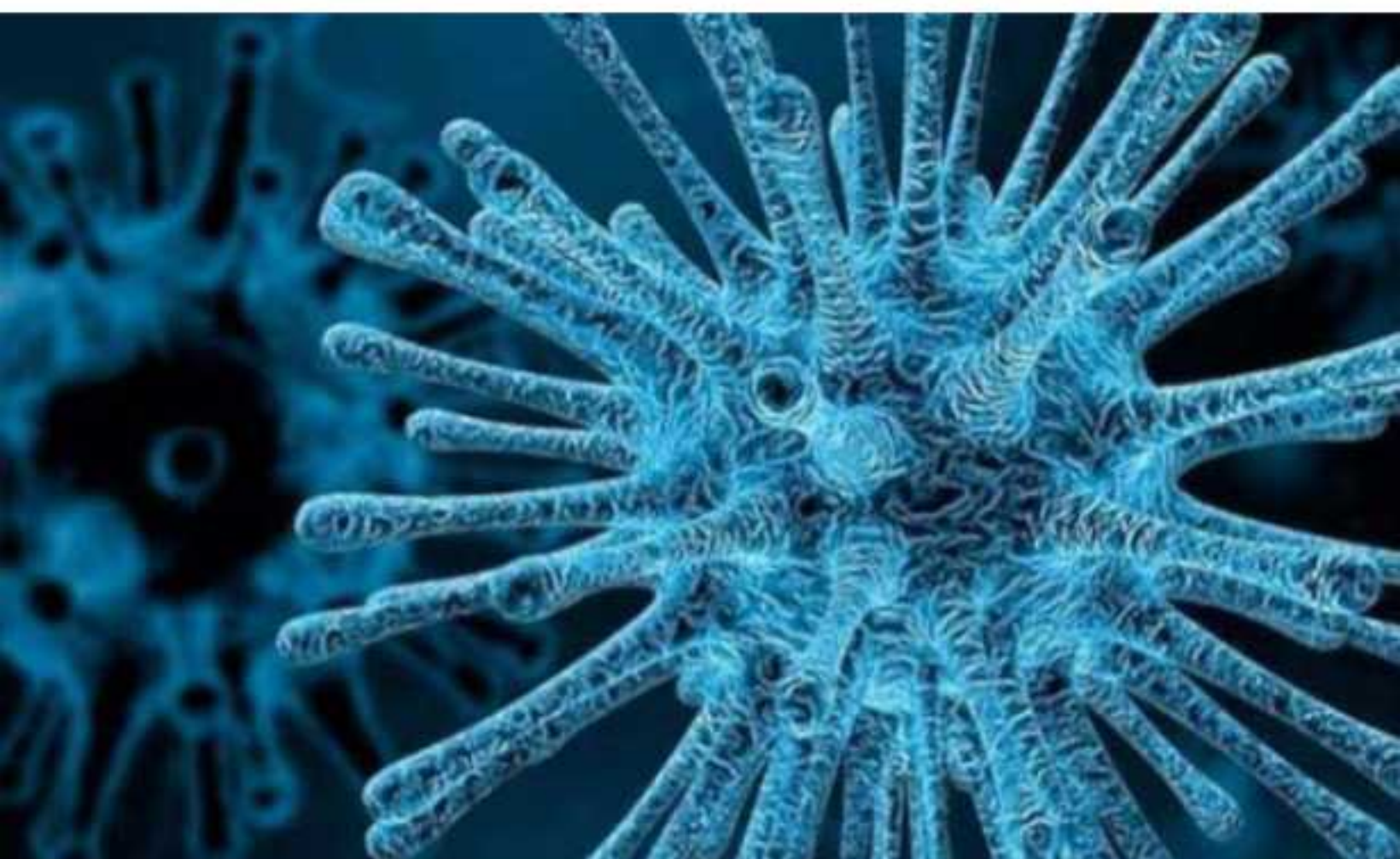
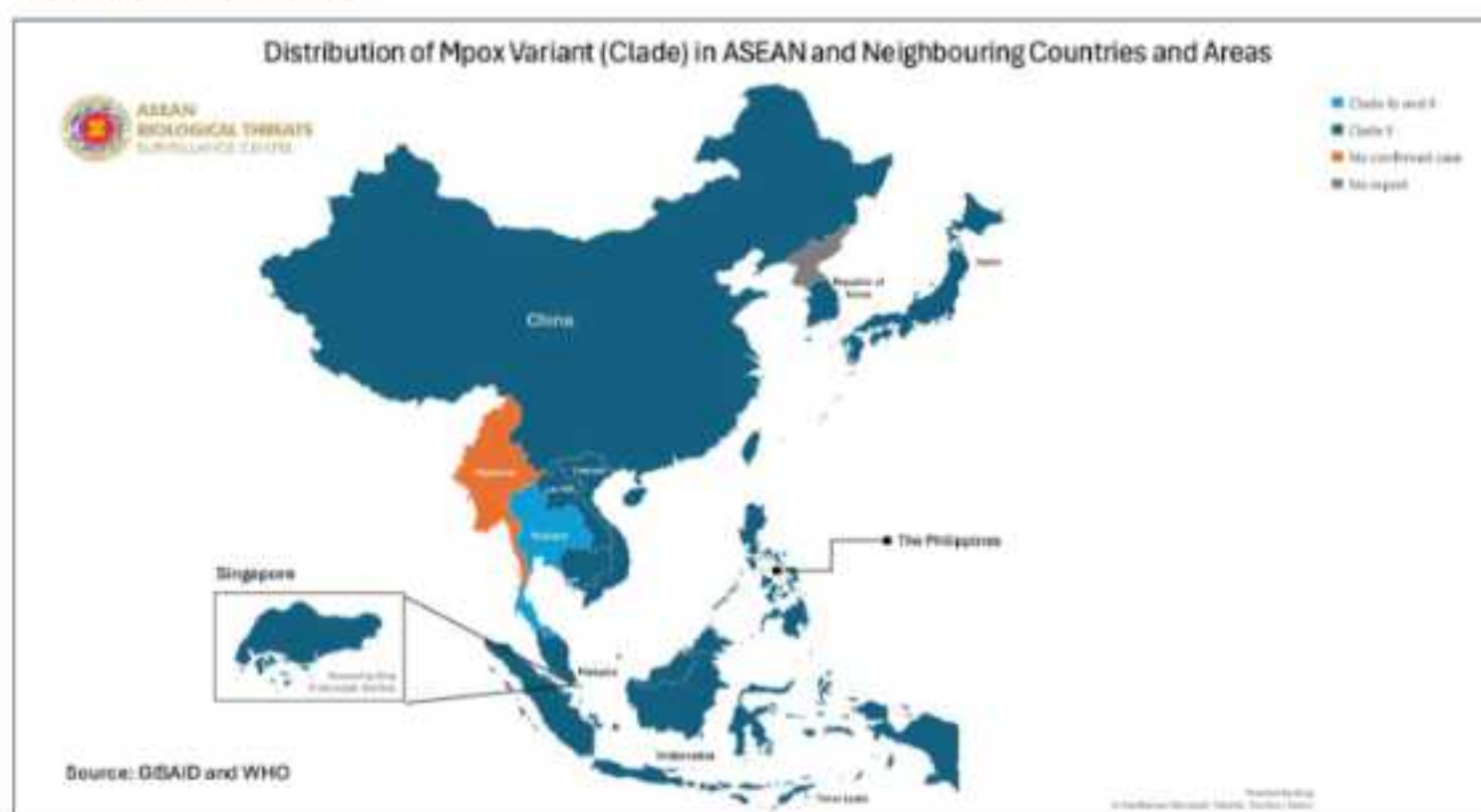
Distribution of Mpox Variants in The Global

As of September 20, 2025



Source: GISAID and WHO

Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas As of September 20, 2025



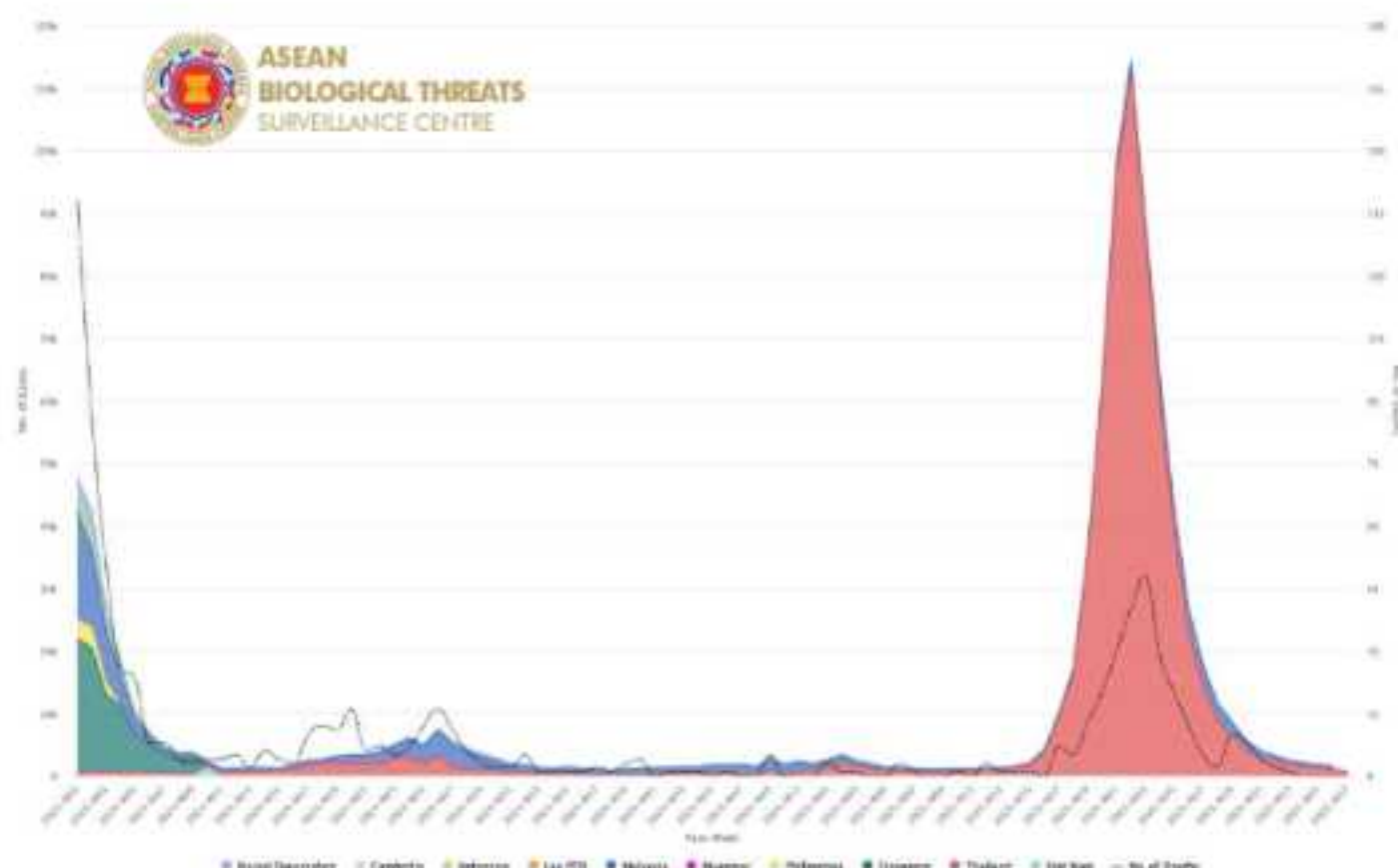
COVID-19

Key Findings

- As of 20 September 2025 (5PM, GMT+7), there were **778,448,691** confirmed cases **worldwide**, including **7,099,9989 deaths**. Globally, the Case Fatality Rate (CFR) was **0.91%**.
- 37,742,105 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 showed a dominance number in Lao PDR, Thailand, Malaysia, and Viet Nam. Meanwhile, Cambodia, Indonesia, and Singapore revealed dominance percentage in **Omicron B.1.1.529+BA.*** variant.

ASEAN Weekly COVID-19 Cases and Deaths

From January 1, 2024 to September 20, 2025



Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), [MOH Myanmar](#), [MOH Malaysia](#), and [WHO](#) accessed on September 23, 2025

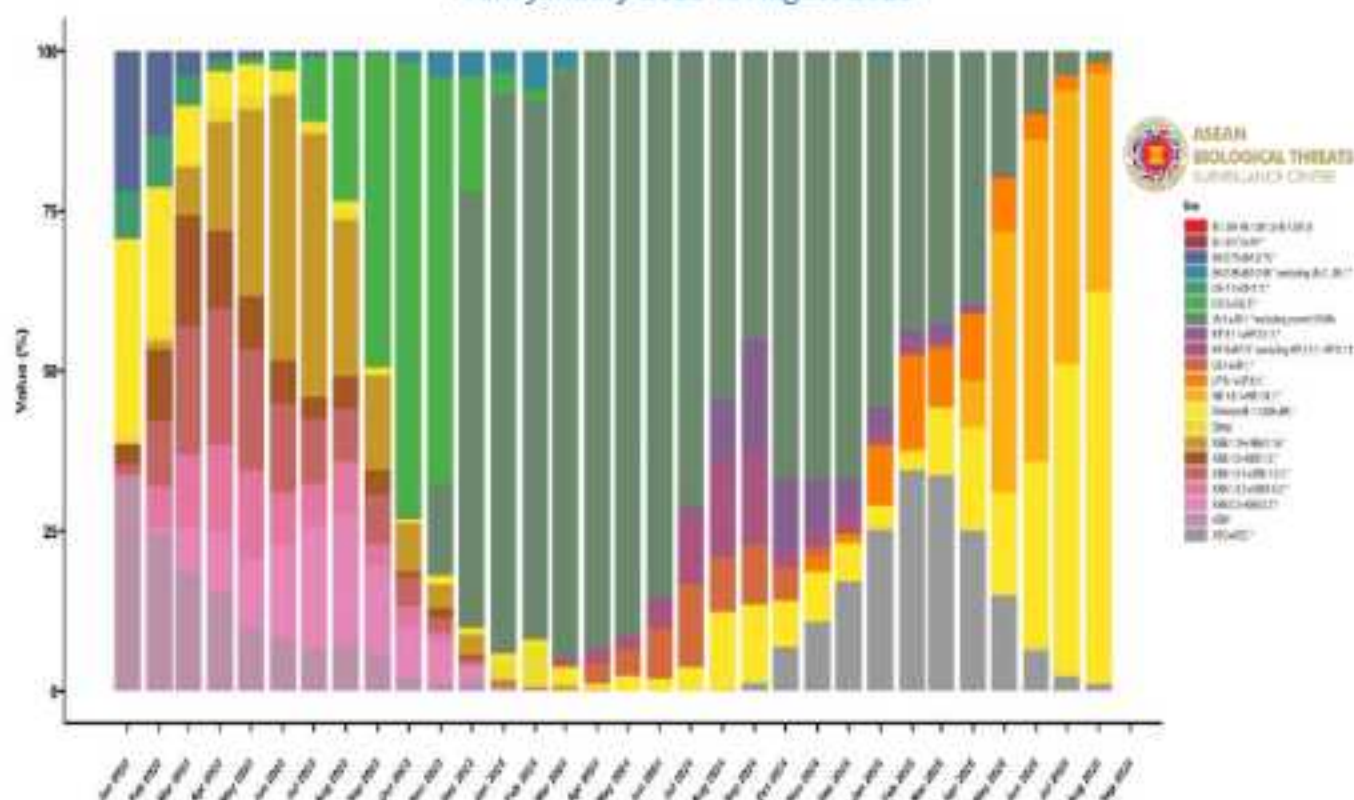
- A major peak in case numbers occurred in mid-2025 until week 22 as the highest peak of the cases reported. Meanwhile, after week 23, the cases continued to decrease significantly until the week of 38.
- The latest updated of COVID-19 cases were reported low by ASEAN Member States. Out of 10, only four countries have reported new cases this week.

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



In August 2025, the latest submission on GISAID by Cambodia, Indonesia, and Singapore showed 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 August 2025



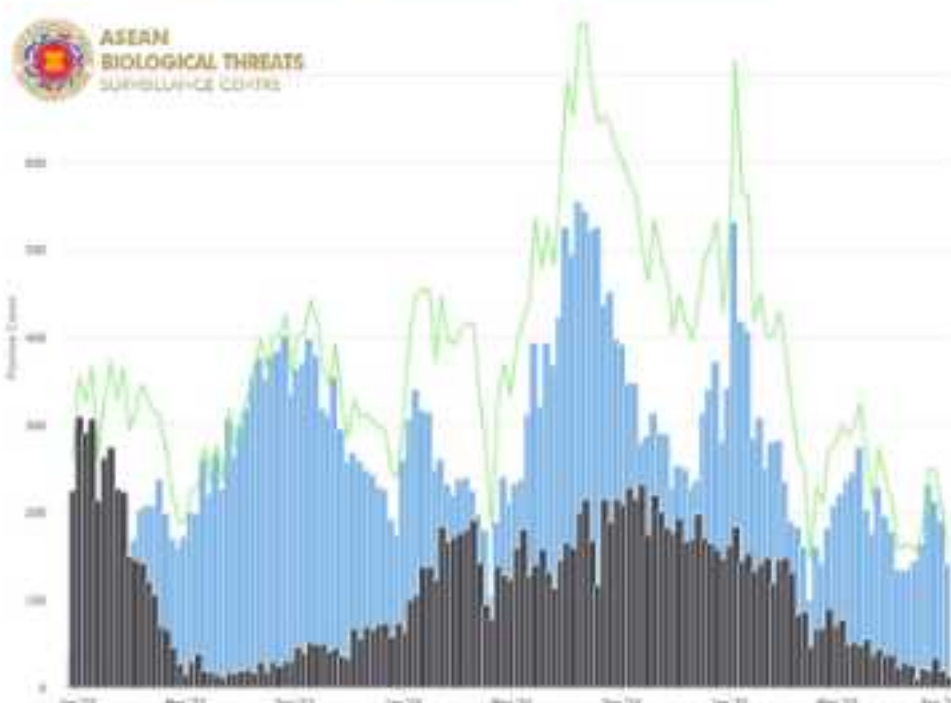
INFLUENZA

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

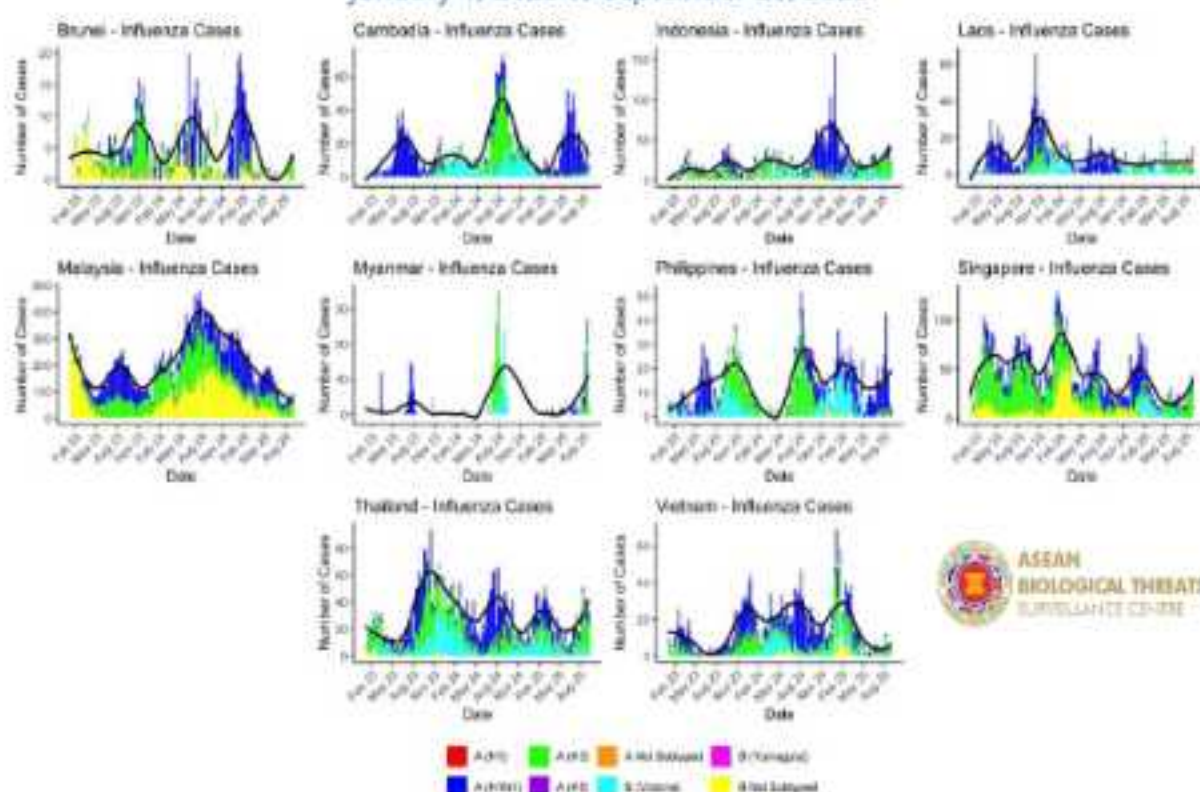
From January 1, 2023 to September 20, 2025



Source: WHO FluNet, accessed on September 23, 2025 (<https://www.who.int/tools/fluNet>)

Trend of Influenza Cases among ASEAN Member States

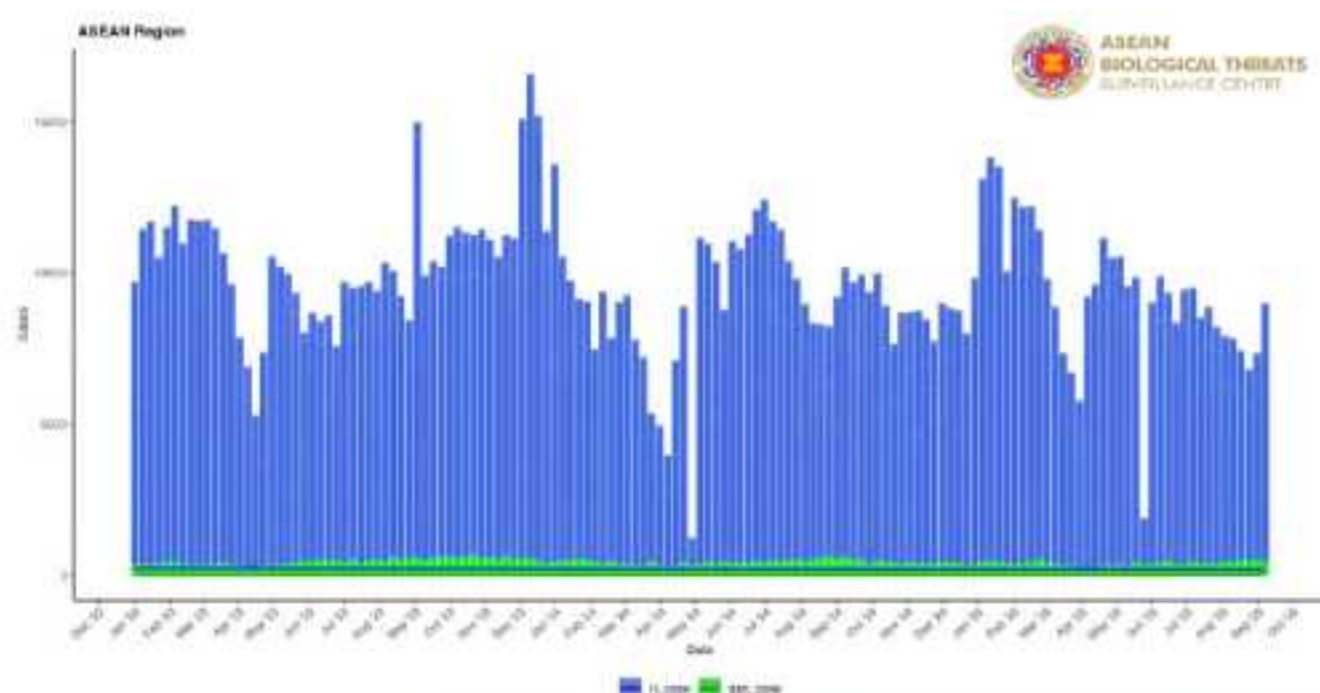
January 1, 2023 to September 20, 2025



Source: WHO FluNet, accessed on September 23, 2025 (<https://www.who.int/tools/fluNet>)

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

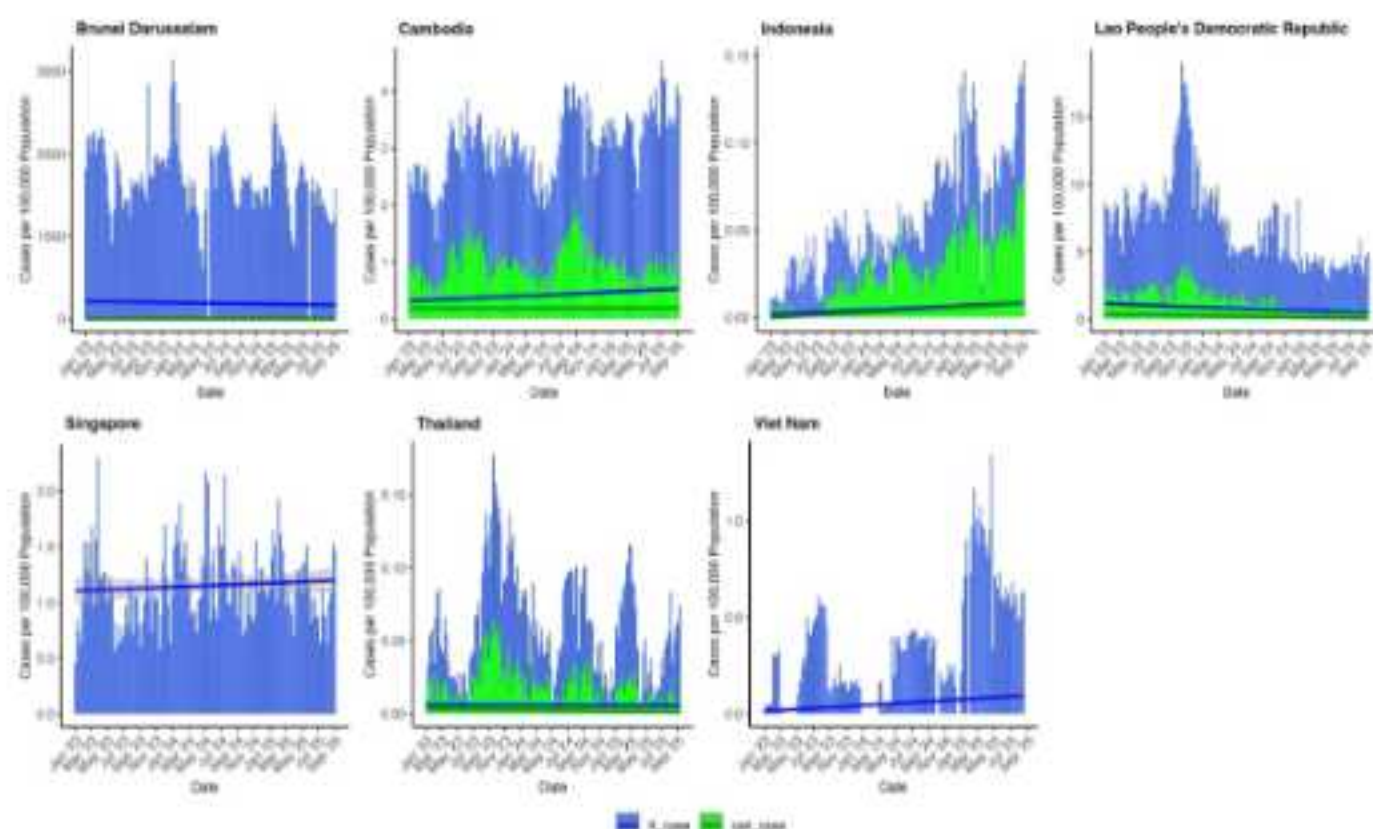
January 1, 2023 to September 20, 2025



Source: WHO FluID, accessed September 23, 2025 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-output/a>)

Trend of Influenza-like Illness (ILI) and Severe Acute Respiratory Illness (SARI) among ASEAN Member States

January 1, 2023 to September 20, 2025



Source: WHO FluID, accessed September 23, 2025 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-output/a>)

Zoonosis



RABIES

Rabies Cases in the ASEAN Region

From December 29, 2024 to September 20, 2025 (Epi-Week 38, 2025)

Key Findings

- The ASEAN region reported **six** new rabies cases in Epiweek 38, 2025.
- Up to September 20, 2025, the region reported **468** 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	-	-	-	-	-
Indonesia ¹	Week 38	124	6	118	100%
Lao PDR	-	-	-	-	-
Malaysia ²	Week 35	2	-	2	100%
Myanmar ³	Week 36	84	0	84	100%
Philippines ²	Week 31	211	-	211	100%
Singapore			Rabies-free country		
Thailand ²	Week 29	7	-	7	100%
Viet Nam ²	Week 29	42	-	42	100%
Total		468	6	468	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%
Indonesia ¹	-	-	-	-	-
Lao PDR	-	-	-	-	-
Malaysia ²	Week 35	40	-	40	100%
Myanmar ³	Week 30	2	-	2	100%
Philippines ²	-	-	-	-	-
Singapore			Rabies-free country		
Thailand ²	Week 38	200	34	200	100%
Viet Nam ²	-	-	-	-	-
Total		243	34	243	100%

Source:

- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed September 23, 2025 (<https://portal.bluedot.global/>)
- Department of Public Health, Ministry of Health, Myanmar
- World Organization for Animal Health (WOAH), accessed September 23, 2025 (<https://webis.woah.org/#/event-management/>)

Vector-Borne Diseases





DENGUE

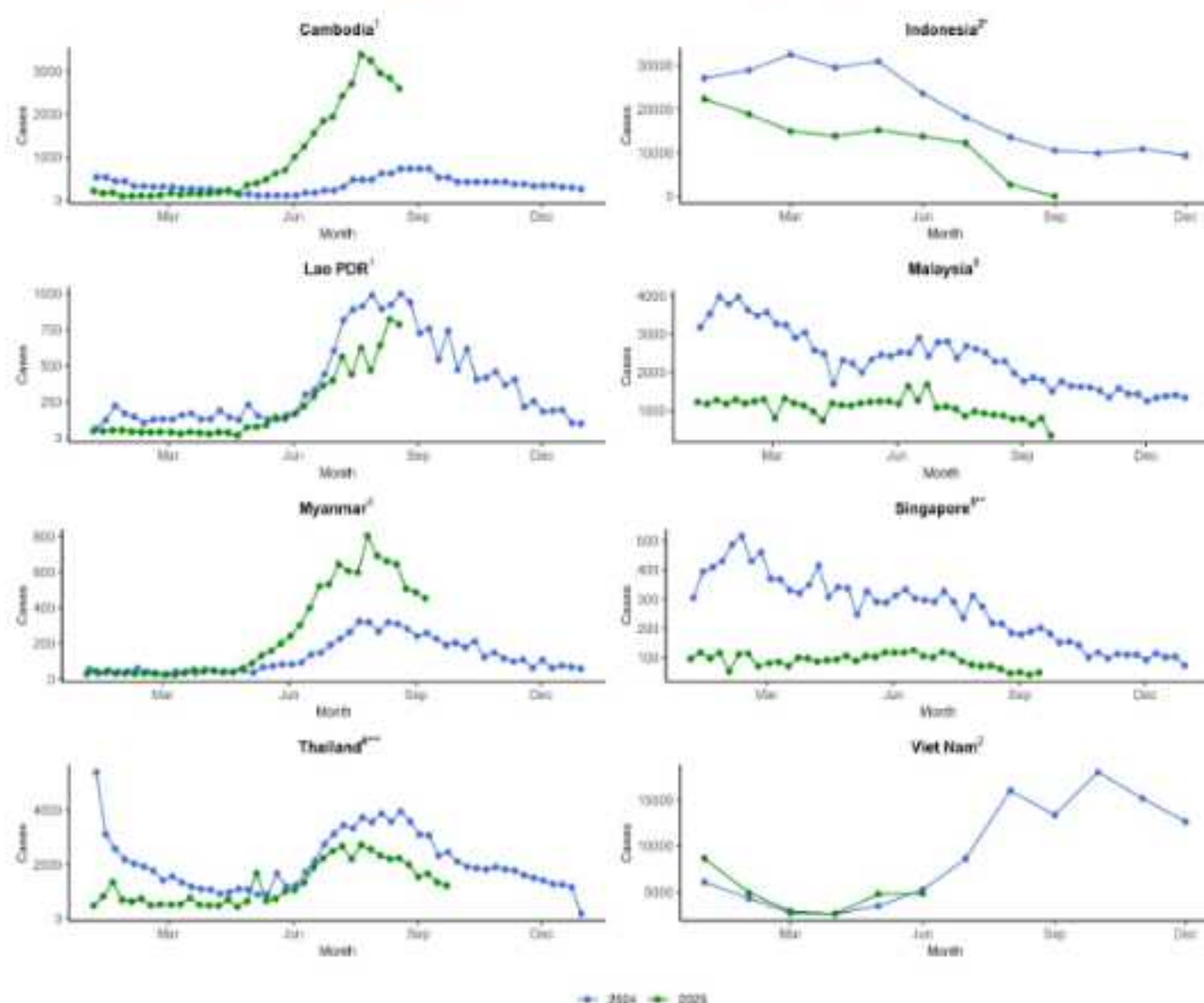
Dengue Cases in the ASEAN Region

From December 29, 2024 to September 20, 2025 (Epi-Week 38, 2025)

Key Findings

- The ASEAN region reported 7,744 new dengue cases in Epiweek 38, 2025.
- Up to September 20, 2025, the region reported 336,462 total cases and 648 total deaths with 0.19% 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 Organisation, accessed September 23, 2025 (<https://www.who.int/westpacific/emergencies/surveillance/dengue/>).
- WHO Global Dengue Surveillance, accessed September 23, 2025 (https://worldhealthorg.shinyapps.io/dengue_global/).
- Portal Rasmi (Dengue untuk Komuniti), accessed September 23, 2025 (<https://dengue.mysa.gov.my/>).
- Department of Public Health, Ministry of Health, Myanmar.
- Ministry of Health, "Weekly Infectious Disease Bulletin", accessed September 23, 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 23, 2025. (https://dvis3.ddc.moph.go.th/IDDC_CENTER_DOE/Views/DDO2/sheet33?%3Aembed=y&%3AisGuestRedirectedFromVaporailMy).

* 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 include all type of cases DF, DHF, and DSS

MALARIA

Malaria Cases in the ASEAN Region

From December 29, 2024 to September 20, 2025 (Epi-Week 38, 2025)

Key Findings

- The **ASEAN** region reported **13,467** new malaria cases in Epiweek 38, 2025.
- Up to September 20, 2025, the region reported **609,227** 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	-	-	-	-	-
Cambodia ¹	Week 38	94	0	0	0.00%
Indonesia ²	Week 38	486,932	12,908	86	0.02%
Lao PDR ³	Week 37	8,779	508	1	0.01%
Malaysia	-	-	-	-	-
Myanmar ⁴	Week 31	110,069	-	5	0.005%
Philippines	-	-	-	-	-
Singapore ⁵	Week 37	28	1	0	0.00%
Thailand ⁶	Week 38	3,325	50	3	0.09%
Viet Nam	-	-	-	-	-
Total		609,227	13,467	95	0.02%

Source:

- Cambodia National Malaria Center, accessed September 23, 2025 (<https://mnc.nhm.gov.kh/Dashboard>)
- Malaria Cases in Indonesia, accessed September 23, 2025 (<https://malaria.kemkes.go.id/case>)
- Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed September 23, 2025 (<https://www.facebook.com/CCEH.MoH.Lao/>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health Singapore, accessed September 23, 2025 (<https://www.moh.gov.sg/other-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 23, 2025 (https://dvs3.ddc.moph.go.th/DOCC_CENTER_DOE/Views/DO52/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y)

A close-up photograph of a person wearing a white lab coat, using a syringe to draw vaccine from a small glass vial. The person's hands are visible, and the background is a blurred clinical setting. The text 'Vaccine- Preventable Diseases' is overlaid in large white font on the left side of the image.

Vaccine- Preventable Diseases

MEASLES

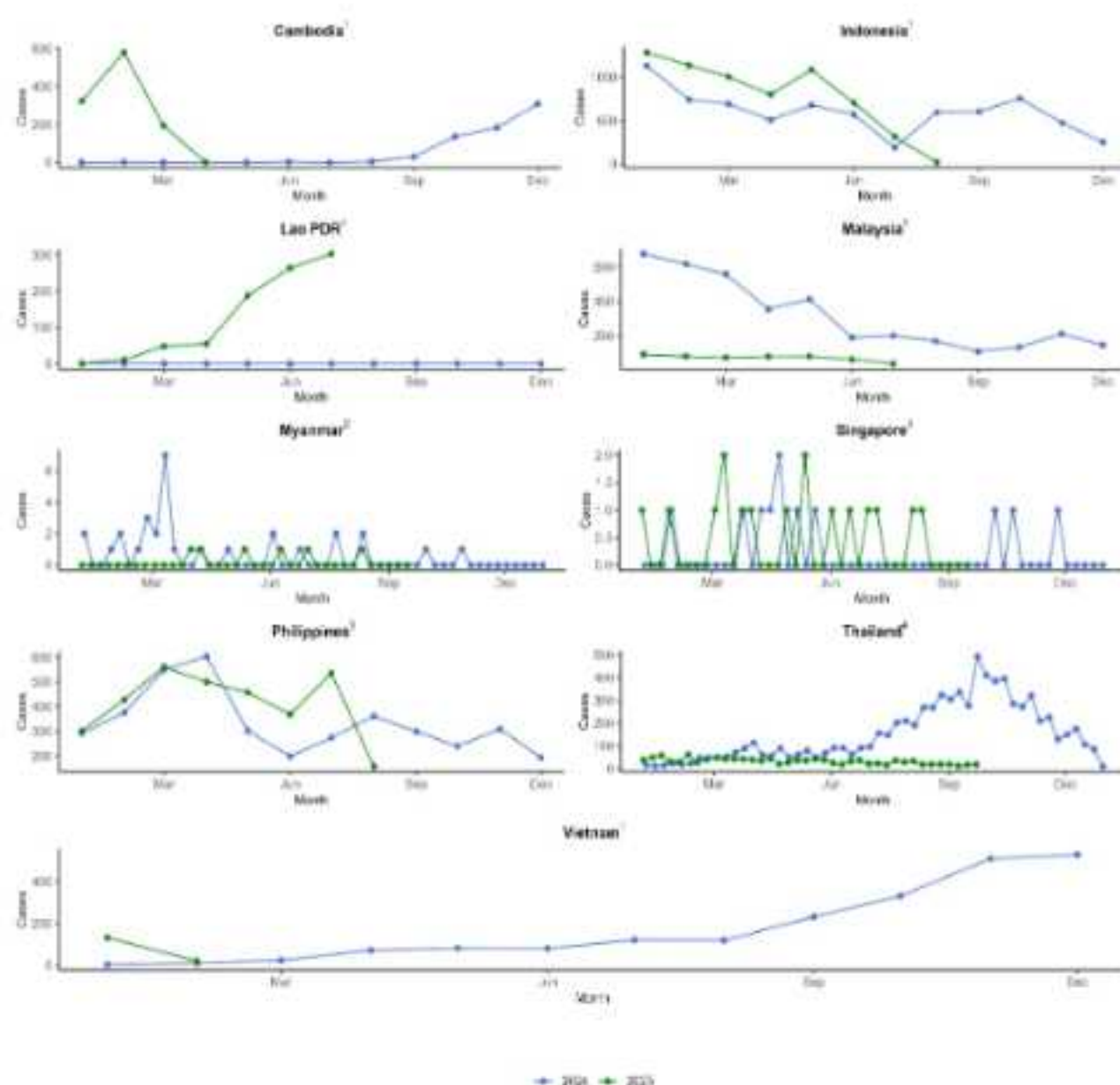
Measles Cases in the ASEAN Region

From December 29, 2024 to September 20, 2025 (Epi-Week 38, 2025)

Key Findings

- The **ASEAN** region reported **18** new measles cases in Epiweek 38, 2025.
- Up to September 20, 2025, the region reported **13,537** 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:

1. Provisional Measles and Rubella Data, World Health Organization, accessed September 23, 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 September 23, 2025 (<https://www.moh.gov.sg/other/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 September 23, 2025 (<http://doe.moph.go.th/surdata/index.php>)



**ASEAN
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SURVEILLANCE CENTRE**

Created jointly by
ASEAN BIOLOGICAL THREATS SURVEILLANCE CENTRE

Email: asbsc@biologicalthreats.org

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