



ASEAN
BIOLOGICAL THREATS
SURVEILLANCE CENTRE

ASEAN

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

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Emerging Diseases

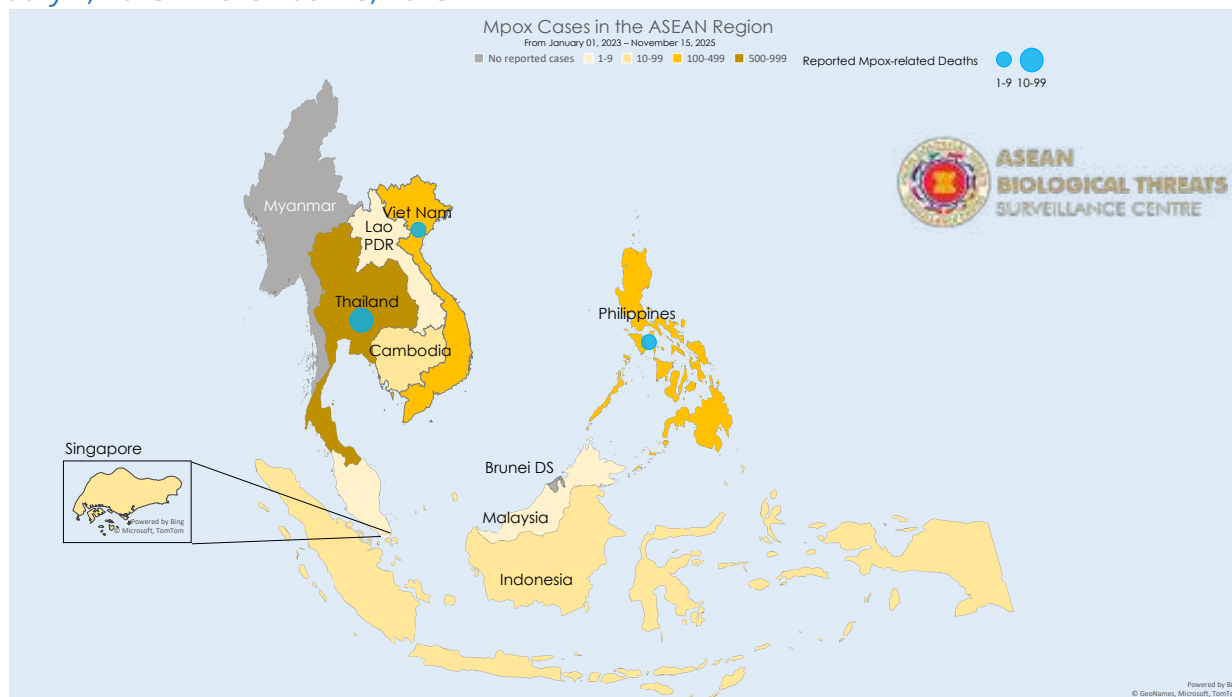
A person wearing a full-body white protective suit, including a hood and a face mask. They are also wearing black gloves. The person is holding a syringe in their gloved hand. The background is dark and out of focus.



MPOX

Mpox Cases Reported in the ASEAN Region

January 1, 2023 – November 15, 2025



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 18, 2025 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed November 18, 2025, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

Key Findings

- From 1 January 2023 to 15 November 2025, **81,956** confirmed cases worldwide since 2023, including **394** deaths. Globally, the CFR was **0.48 %**.
- **1,678 confirmed cases** including **29 deaths** in the **ASEAN** region, with a CFR of **1.73%**.
- **80,278 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. 15, 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	17	0	0	0	0.00%
Philippines³	330	0	7	0	2.12%
Singapore⁴	66	2	0	0	0.00%
Thailand³	948	0	13	0	1.37%
Vietnam³	209	0	9	0	4.31%
ASEAN Total	1,678	2	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 18, 2025 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed November 18, 2025, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>



Top 5 countries with the most mpox cases globally (Jan. 1, 2023 to Nov. 15, 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 18, 2025 (https://worldhealthorg.shinyapps.io/mpx_global/)

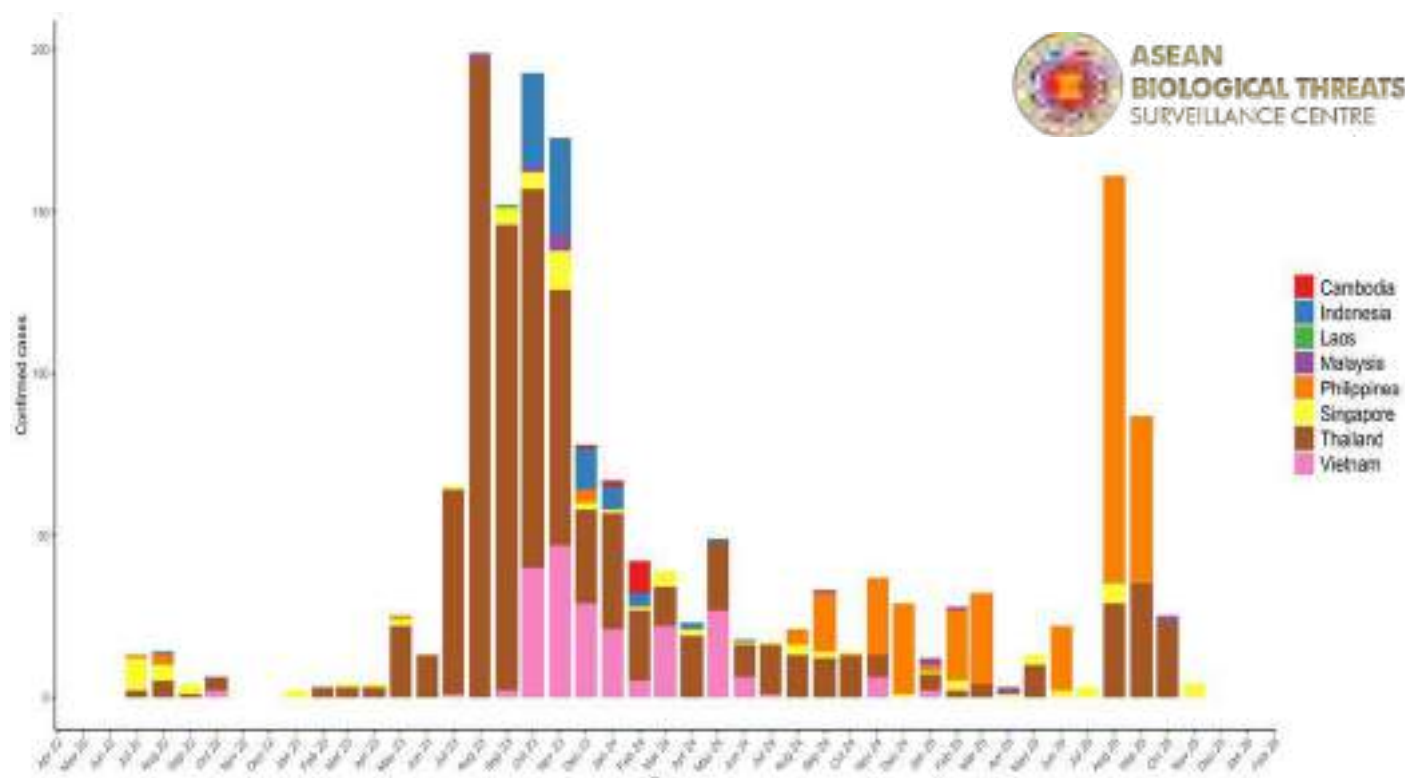
Mpox cases per region (Jan. 1, 2023 to Nov. 15, 2025)

REGIONS	CUMULATIVE CASES 2023-2025	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	53,758	0	225	0.42%
AMERICAS	13,073	0	102	0.78%
ASEAN	1,676	0	29	1.73%
ASIA & OCEANIA	8,330	0	33	0.40%
EUROPE	5,117	0	5	0.10%
TOTAL	81,954	0	394	0.48%

Source: WHO Mpox Outbreak: Global Trends, accessed November 18, 2025 (https://worldhealthorg.shinyapps.io/mpx_global/)

Trend of Mpox Confirmed Cases in the ASEAN Region

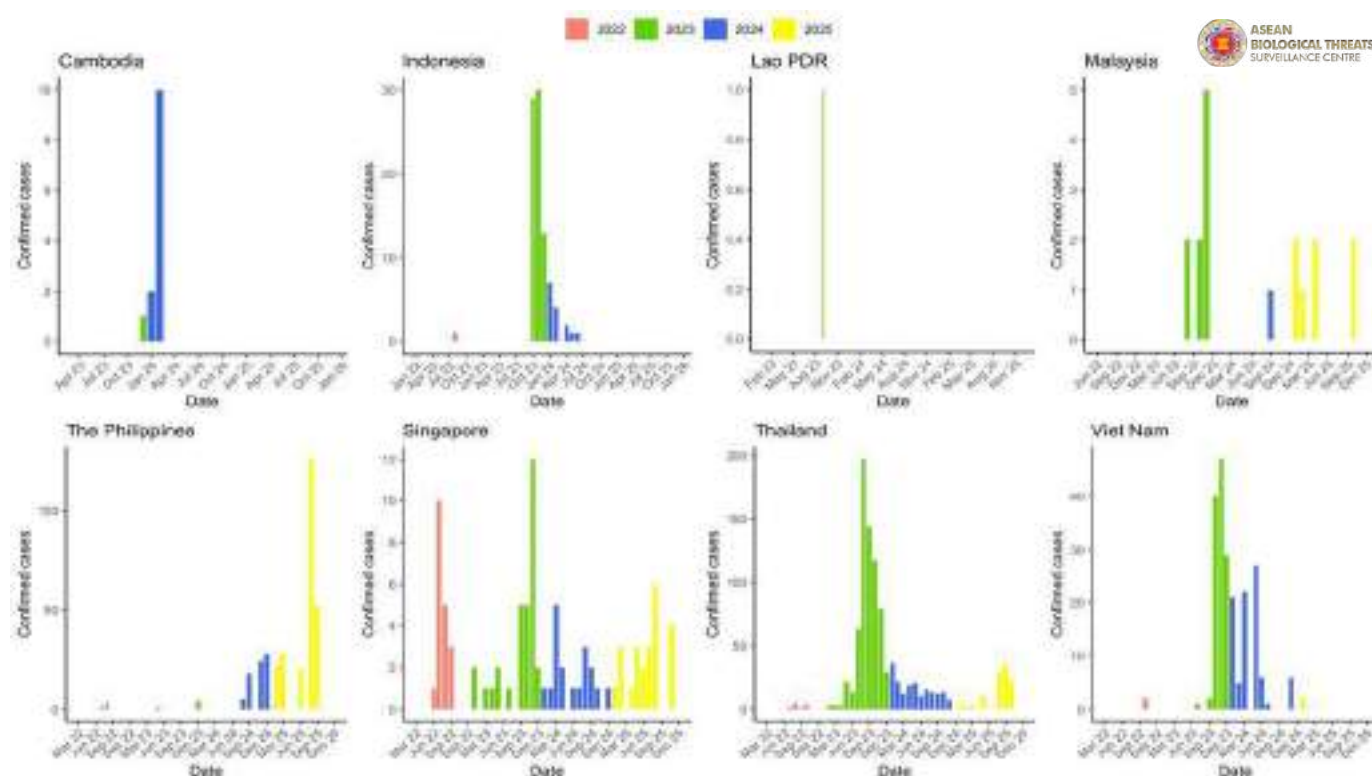
January 1, 2022 to November 15, 2025



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 18, 2025 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed November 18, 2025, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

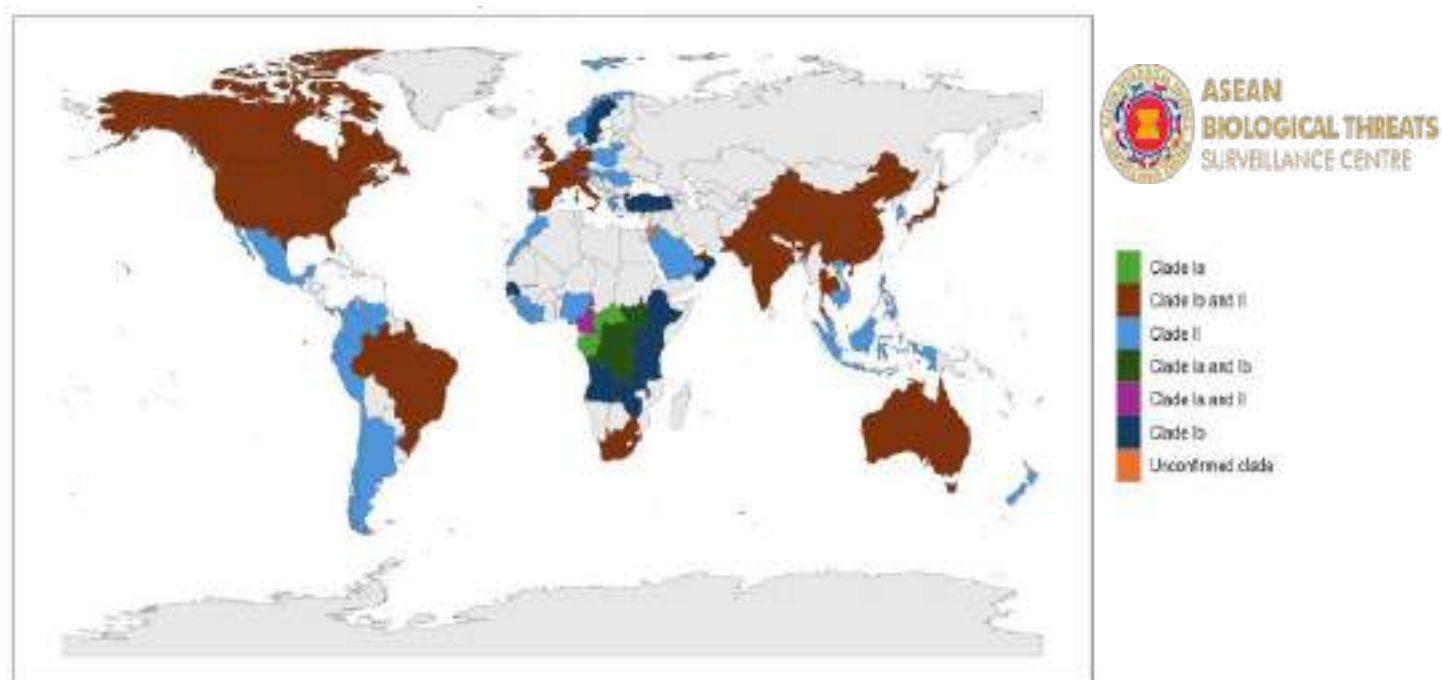
Trend of Mpox Confirmed Cases among ASEAN Member States January 1, 2022 to November 15, 2025



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 18, 2025 (https://worldhealthorg.shinyapps.io/mpox_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed November 18, 2025, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

Distribution of Mpox Variants in The Global As of November 15, 2025



Source: GISAID and WHO

Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas As of November 15, 2025



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 18, 2025 (https://worldhealthorg.shinyapps.io/mpox_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed November 18, 2025, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

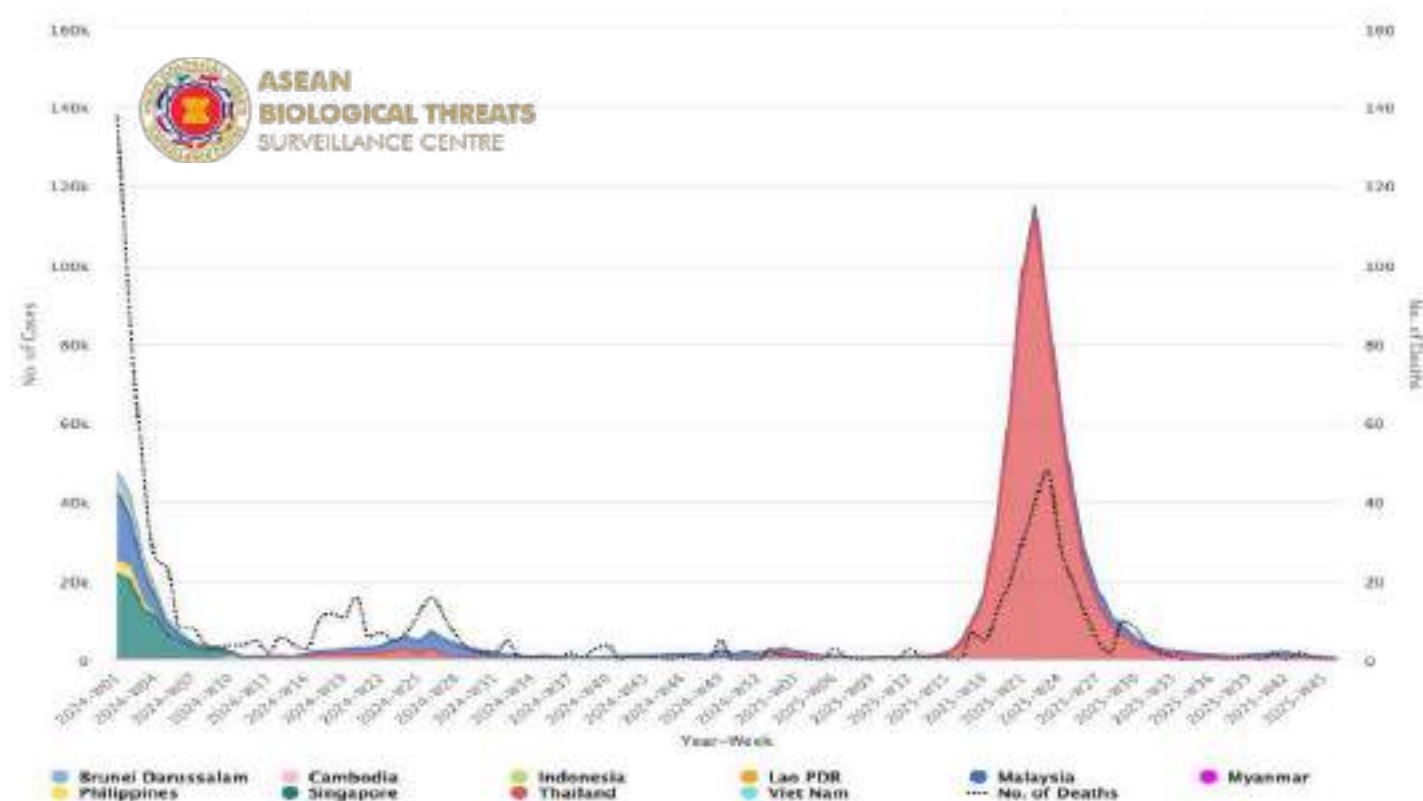
COVID-19

Key Findings

- As of 15 November 2025 (5PM, GMT+7), there were **778,653,789** confirmed cases **worldwide**, including **7,102,014** deaths. Globally, the Case Fatality Rate (CFR) was **0.91%**.
- 37,757,158 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 15, 2025



Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), MOH Myanmar, [MOH Malaysia](#), and [WHO](#) accessed on November 18, 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 46.
- 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

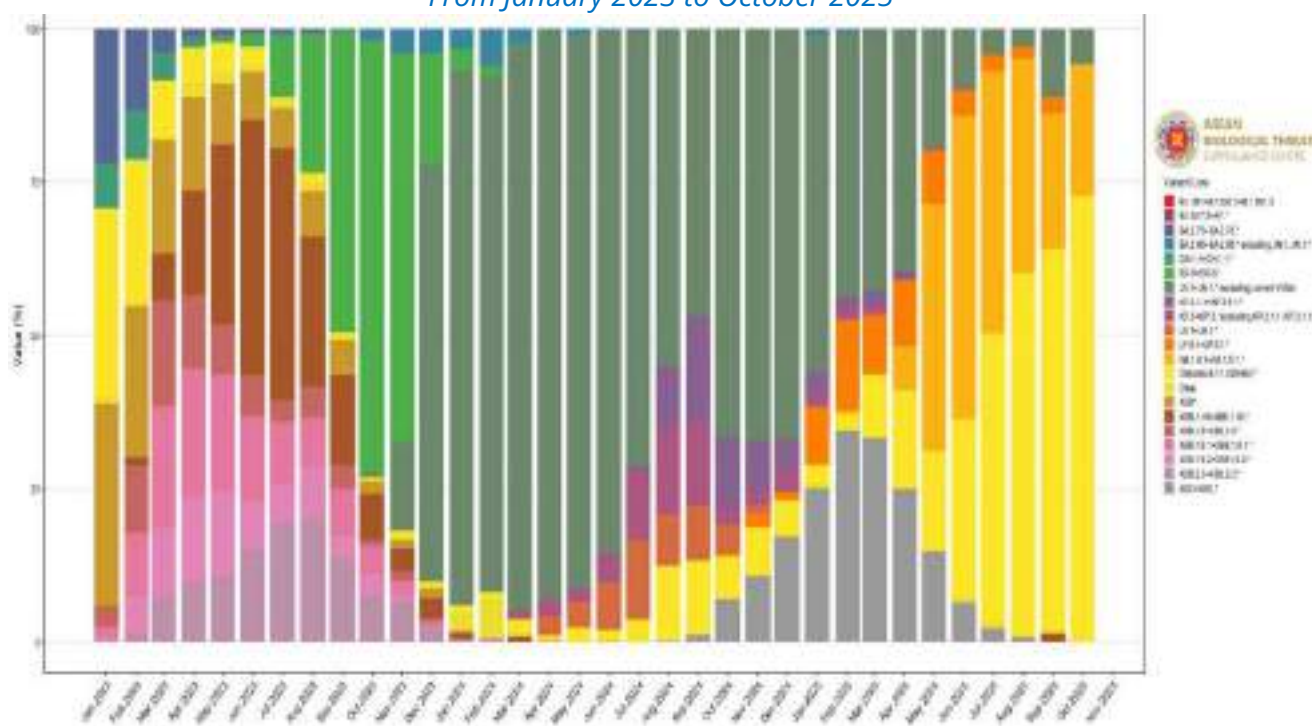


Source: GISAID. "hCoV-19 Variants Dashboard," accessed November 11, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

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COVID-19 Variants Frequencies in the ASEAN Region

From January 2023 to October 2025



Source: GISAID. "hCoV-19 Variants Dashboard." accessed November 18, 2025. <https://gisaid.org/hcov-19-variants-dashboard/>



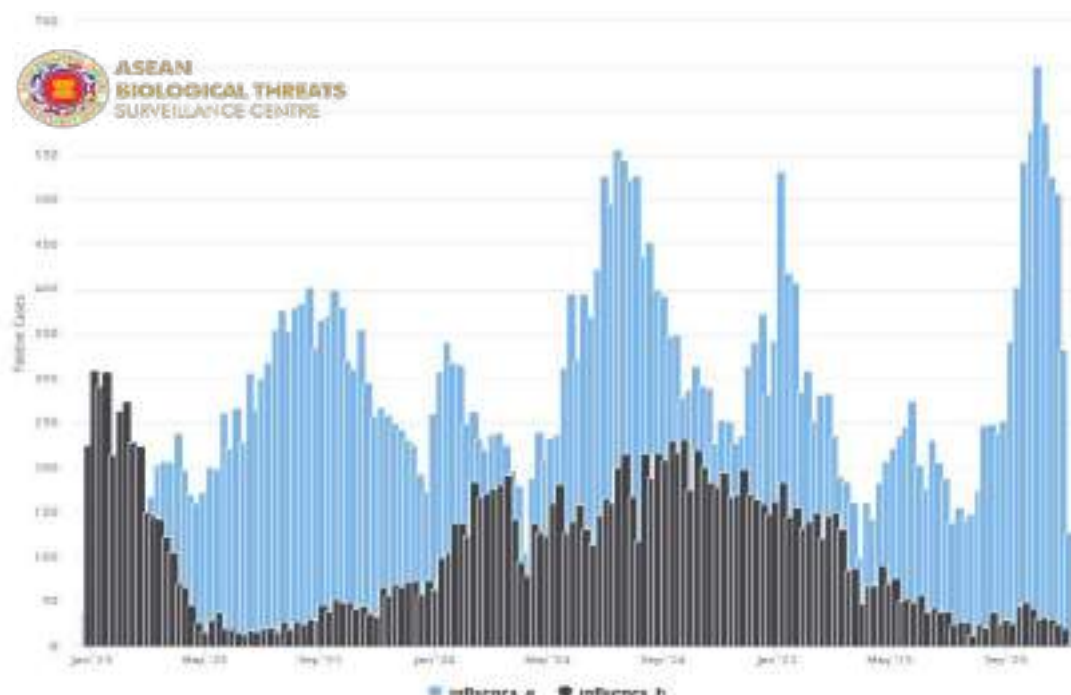
INFLUENZA

Key Findings

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

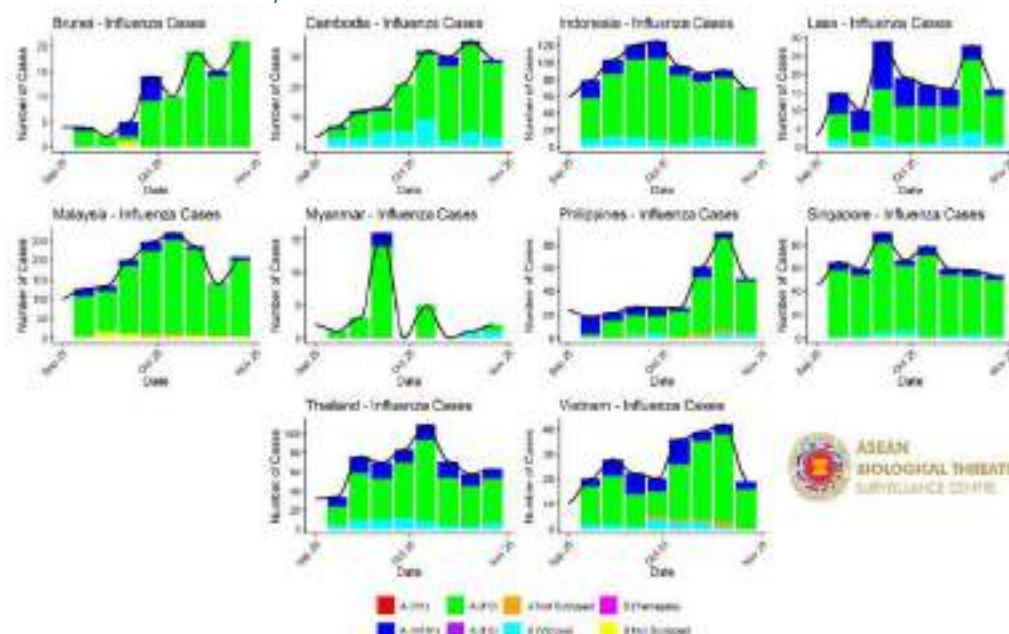
From January 1, 2023 to November 15, 2025



Source: WHO FluNet, accessed on November 18, 2025 (<https://www.who.int/tools/fluNet>)

Trend of Influenza Cases among ASEAN Member States

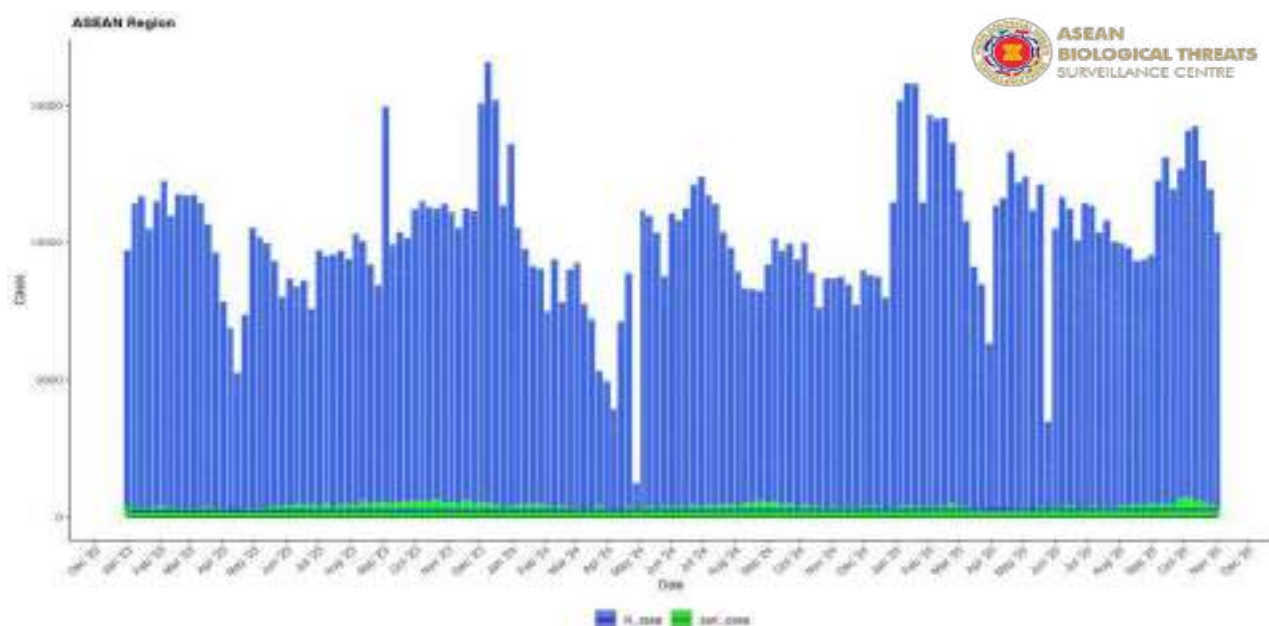
September 1, 2025 to November 15, 2025



Source: WHO FluNet, accessed on November 18, 2025 (<https://www.who.int/tools/fluNet>)

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

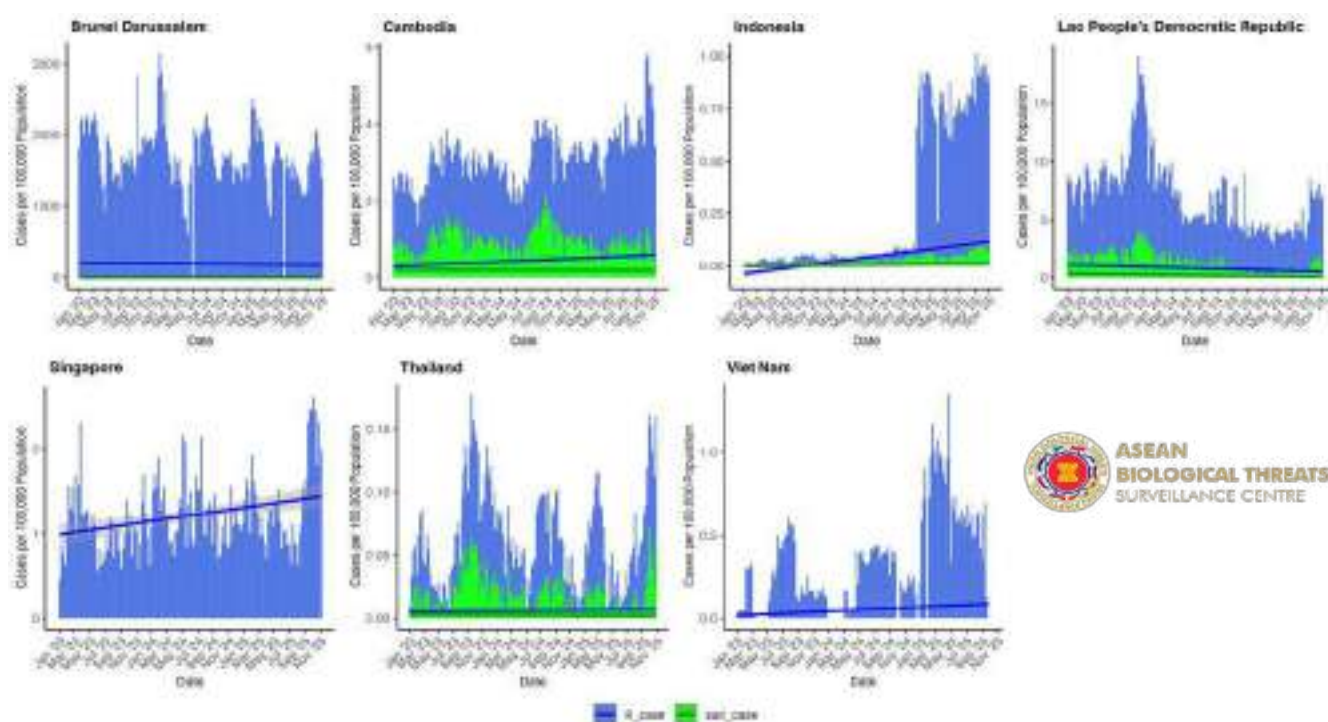
January 1, 2023 to November 15, 2025



Source: WHO FluID, accessed November 18, 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 15, 2025



Source: WHO FluID, accessed November 18, 2025 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-outputs>)

Zoonosis





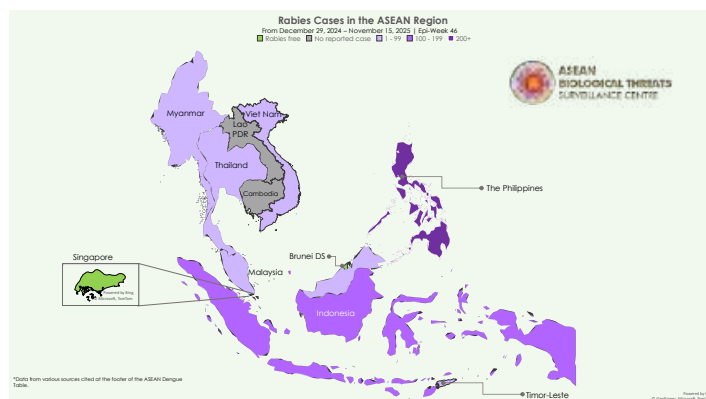
RABIES

Rabies Cases in the ASEAN Region

From December 29, 2024 to November 15, 2025 (Epi-Week 46, 2025)

Key Findings

- The **ASEAN** region reported **no** new rabies cases in Epi-week 46, 2025.
- Up to November 15, 2025, the region reported **547** 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			<i>Rabies-free country</i>		
Cambodia	-	-	-	-	-
Indonesia¹	Week 42	142	-	142	100%
Lao PDR	-	-	-	-	-
Malaysia²	Week 44	6	-	6	100%
Myanmar³	Week 46	102	-	102	100%
Philippines²	Week 31	211	-	211	100%
Singapore			<i>Rabies-free country</i>		
Thailand²	Week 29	7	-	7	100%
Timor-Leste²	Week 45	21	-	21	
Viet Nam²	Week 42	58	-	58	100%
Total		547	0	547	100%

Source:

- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed November 18, 2025 (<https://portal.bluedot.global/>)
- Department of Public Health, Ministry of Health, Myanmar

Rabies cases (Animal) in the ASEAN region

Country	Epi-Week Reported	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Brunei Darussalam			<i>Rabies-free country</i>		
Cambodia	Week 11	1	-	1	100%
Indonesia	-	-	-	-	-
Lao PDR	-	-	-	-	-
Malaysia	Week 35	40	-	40	100%
Myanmar	Week 30	2	-	2	100%
Philippines	Week 43	32	-	32	100%
Singapore			<i>Rabies-free country</i>		
Thailand	Week 45	229	-	229	100%
Timor-Leste	Week 35	41	-	41	100%
Viet Nam	-	-	-	-	-
Total		351	0	351	100%

Source: World Organization for Animal Health (WOAH), accessed November 18, 2025 (<https://wahis.woah.org/#/event-management>)

Vector-Borne Diseases





DENGUE

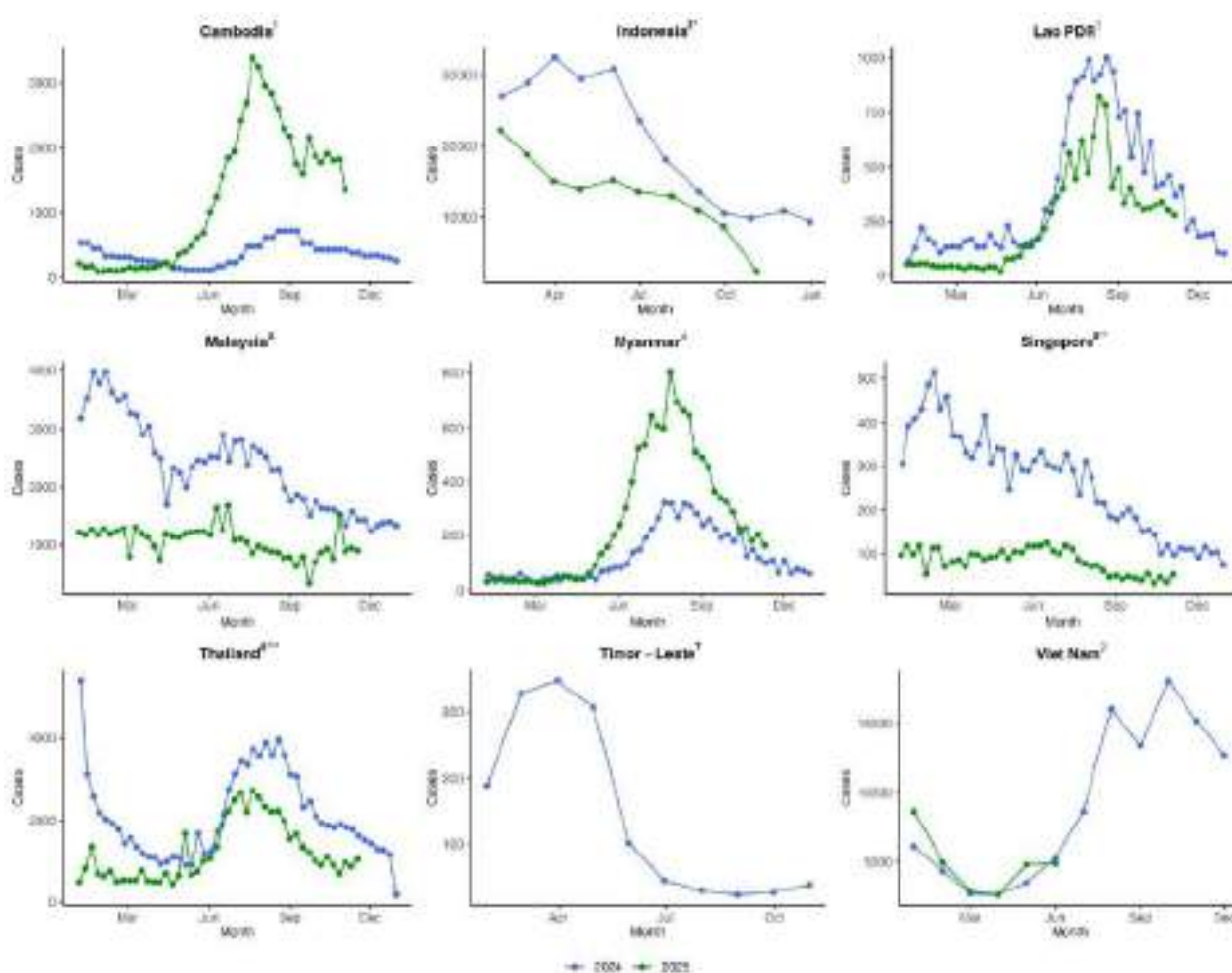
Dengue Cases in the ASEAN Region

From December 29, 2024 to November 15, 2025 (Epi-Week 46, 2025)

Key Findings

- The **ASEAN** region reported **11,469** new dengue cases in Epi-week 46, 2025.
- Up to November 15, 2025, the region reported **464,498** total cases and **785** total deaths with **0.17% 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 18, 2025 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
- WHO Global Dengue Surveillance, accessed November 18, 2025 (https://worldhealthorg.shinyapps.io/dengue_global/).
- Portal Rasmi iDengue untuk Komuniti, accessed November 18, 2025 (<https://idengue.mysa.gov.my/>).
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health. "Weekly Infectious Disease Bulletin", accessed November 18, 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 18, 2025, (https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y)
- London School of Hygiene and Tropical Medicine. "OpenDengue Database", accessed November 18, 2025 (<https://opendengue.org/data.html>)

- 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



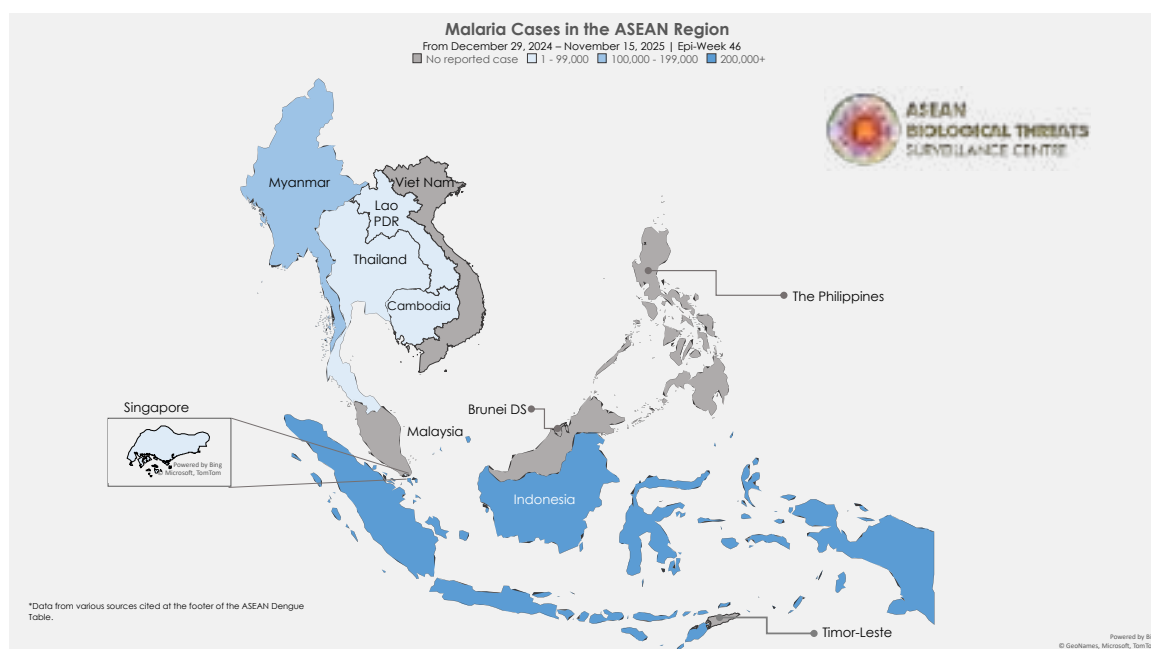
MALARIA

Malaria Cases in the ASEAN Region

From December 29, 2024 to November 15, 2025 (Epi-Week 46, 2025)

Key Findings

- The **ASEAN** region reported **18,342** new malaria cases in Epi-week 46, 2025.
- Up to November 15, 2025, the region reported **740,729** total cases and **100** 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 46	106	2	0	0.00%
Indonesia²	Week 46	608,908	13,337	92	0.01%
Lao PDR	-	-	-	-	-
Malaysia	-	-	-	-	-
Myanmar³	Week 40	127,977	4,955	5	0.004%
Philippines	-	-	-	-	-
Singapore⁴	Week 45	31	1	0	0.00%
Thailand⁵	Week 46	3,707	47	3	0.09%
Timor-Leste	-	-	-	-	-
Viet Nam	-	-	-	-	-
Total		740,729	18,342	100	0.01%

Source:

- Cambodia National Malaria Center, accessed November 18, 2025 (<https://mis.cnm.gov.kh/Dashboard>)
- Malaria Cases in Indonesia, accessed November 18, 2025 (<https://malaria.kemkes.go.id/case>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health Singapore, accessed November 18, 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 18, 2025 (https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y)

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 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.

Vaccine- Preventable Diseases



MEASLES

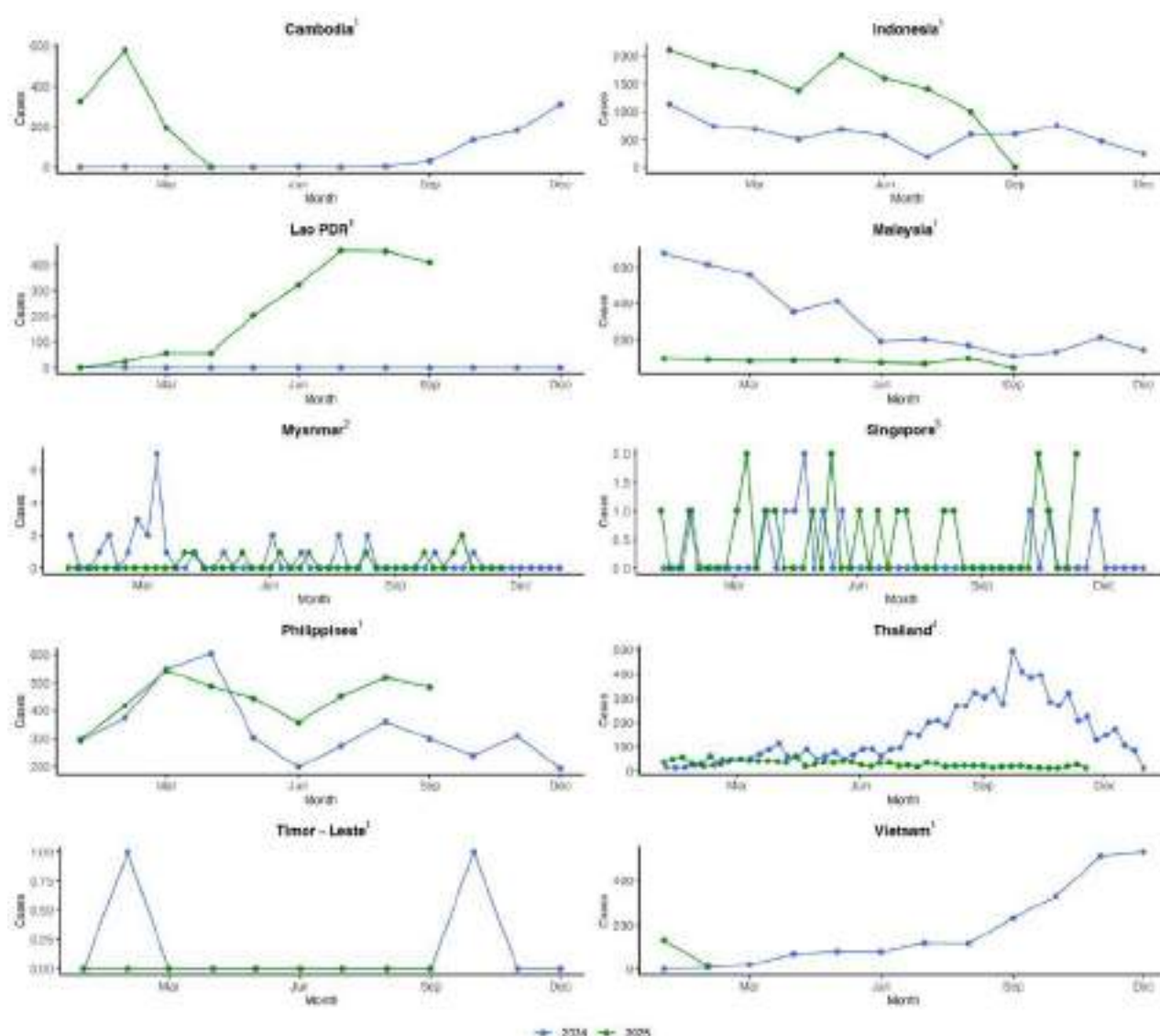
Measles Cases in the ASEAN Region

From December 29, 2024 to November 15, 2025 (Epi-Week 46, 2025)

Key Findings

- The **ASEAN** region reported **4,228** new measles cases in Epi-week 46, 2025.
- Up to November 8, 2025, the region reported **22,436** 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 18, 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 18, 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 18, 2025 (<http://doe.moph.go.th/surdata/index.php>)



**ASEAN
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SURVEILLANCE CENTRE**

Report generated by
ASEAN BIOLOGICAL THREATS SURVEILLANCE CENTRE

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