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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](mailto: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**

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**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](mailto:support@aseanbiosurveillance.org)

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

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

## Table of Contents

<b>Emerging Diseases .....</b>	<b>2</b>
Mpox .....	3
COVID-19 .....	7
Influenza .....	9
Influenza-like Illness.....	10
<b>Zoonosis .....</b>	<b>11</b>
Rabies.....	12
<b>Vector-borne Diseases.....</b>	<b>13</b>
Dengue.....	14
Malaria .....	15
<b>Vaccine-preventable Diseases.....</b>	<b>16</b>
Measles .....	17



# Emerging Diseases

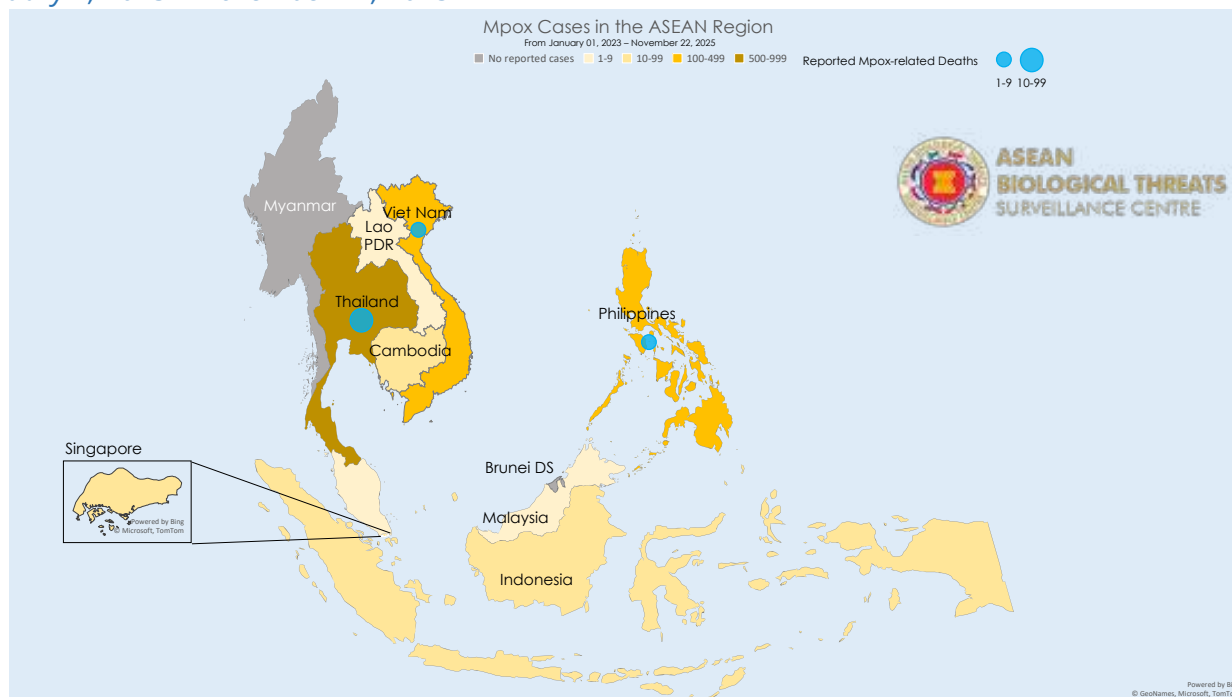
A person wearing a full-body white protective suit, a hood, and a face mask is shown from the chest up. They are wearing black gloves and holding a small, dark object in their right hand. The background is blurred, suggesting a laboratory or clinical setting.



# MPOX

## Mpox Cases Reported in the ASEAN Region

January 1, 2023 – November 22, 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 25, 2025 ([https://worldhealthorg.shinyapps.io/mpx\\_global/](https://worldhealthorg.shinyapps.io/mpx_global/))
4. Communicable Disease Agency, Ministry of Health Singapore, accessed November 25, 2025, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

## Key Findings

- From 1 January 2023 to 22 November 2025, **85,482** confirmed cases worldwide since 2023, including **418** deaths. Globally, the CFR was **0.49 %**.
- **1,726 confirmed cases** including **30 deaths** in the **ASEAN** region, with a CFR of **1.74%**.
- **83,756 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. 22, 2025)

ASEAN Member States	Cumulative Cases 2023-2025	New Cases Since Previous Report	Cumulative Deaths 2023-2025	New Deaths Since Previous Report	CFR
<b>Cambodia<sup>1</sup></b>	20	0	0	0	0.00%
<b>Indonesia<sup>2</sup></b>	87	0	0	0	0.00%
<b>Lao PDR<sup>3</sup></b>	1	0	0	0	0.00%
<b>Malaysia<sup>3</sup></b>	17	0	0	0	0.00%
<b>Philippines<sup>3</sup></b>	346	16	8	1	2.31%
<b>Singapore<sup>4</sup></b>	67	1	0	0	0.00%
<b>Thailand<sup>3</sup></b>	979	31	13	0	1.33%
<b>Vietnam<sup>3</sup></b>	209	0	9	0	4.31%
<b>ASEAN Total</b>	<b>1,726</b>	<b>48</b>	<b>30</b>	<b>1</b>	<b>1.74%</b>

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 25, 2025 ([https://worldhealthorg.shinyapps.io/mpx\\_global/](https://worldhealthorg.shinyapps.io/mpx_global/))
4. Communicable Disease Agency, Ministry of Health Singapore, accessed November 25, 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. 22, 2025)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	31,813	1,198	75	0.24%
Uganda	8,324	115	50	0.61%
United States of America	6,233	736	10	0.18%
Sierra Leone	5,442	97	56	1.05%
Burundi	4,531	48	1	0.02%

Source: WHO Mpox Outbreak: Global Trends, accessed November 25, 2025 ([https://worldhealthorg.shinyapps.io/mpx\\_global/](https://worldhealthorg.shinyapps.io/mpx_global/))

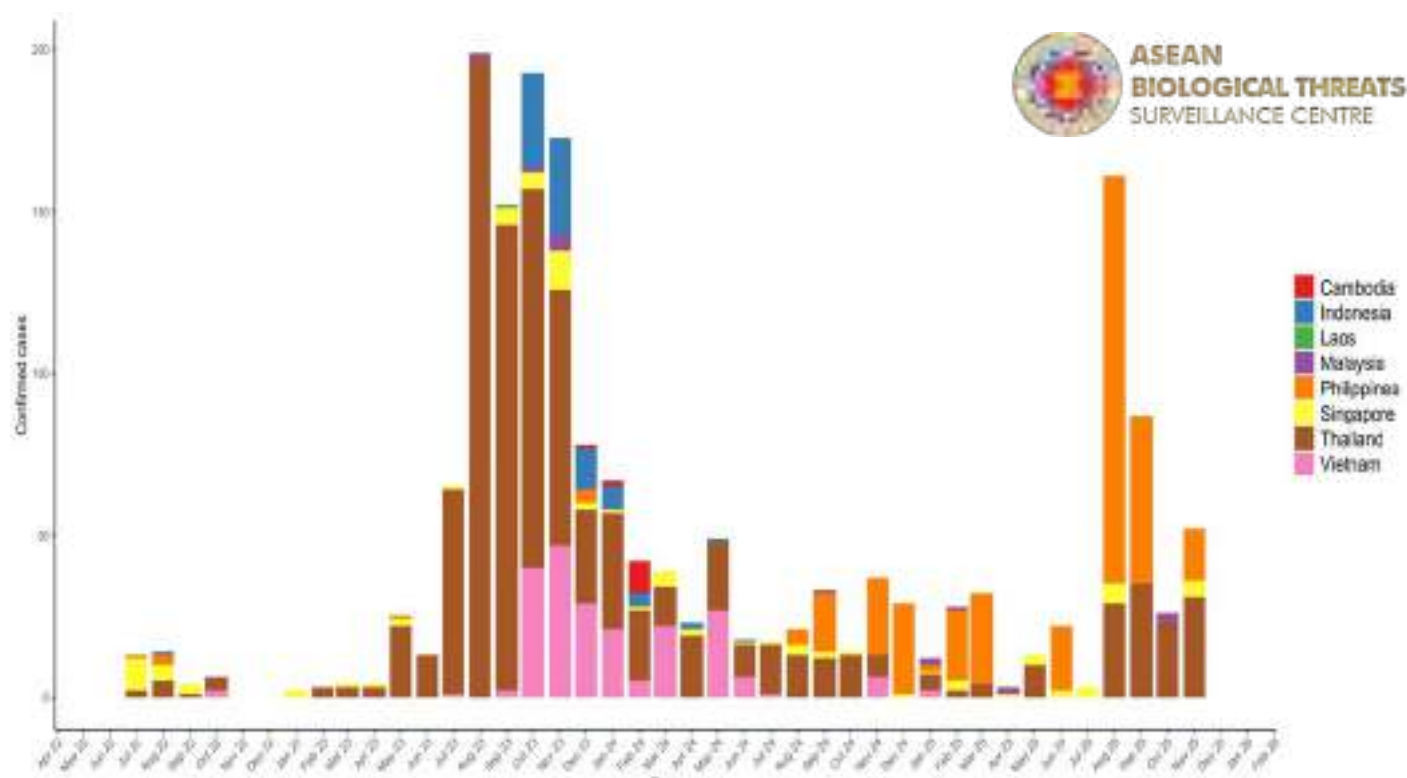
## Mpox cases per region (Jan. 1, 2023 to Nov. 22, 2025)

REGIONS	CUMULATIVE CASES 2023-2025	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	56,121	2,363	247	0.44%
AMERICAS	13,863	790	102	0.74%
ASEAN	1,726	48	30	1.74%
ASIA & OCEANIA	8,481	151	34	0.40%
EUROPE	5,291	174	5	0.09%
<b>TOTAL</b>	<b>85,482</b>	<b>3,526</b>	<b>418</b>	<b>0.49%</b>

Source: WHO Mpox Outbreak: Global Trends, accessed November 25, 2025 ([https://worldhealthorg.shinyapps.io/mpx\\_global/](https://worldhealthorg.shinyapps.io/mpx_global/))

## Trend of Mpox Confirmed Cases in the ASEAN Region

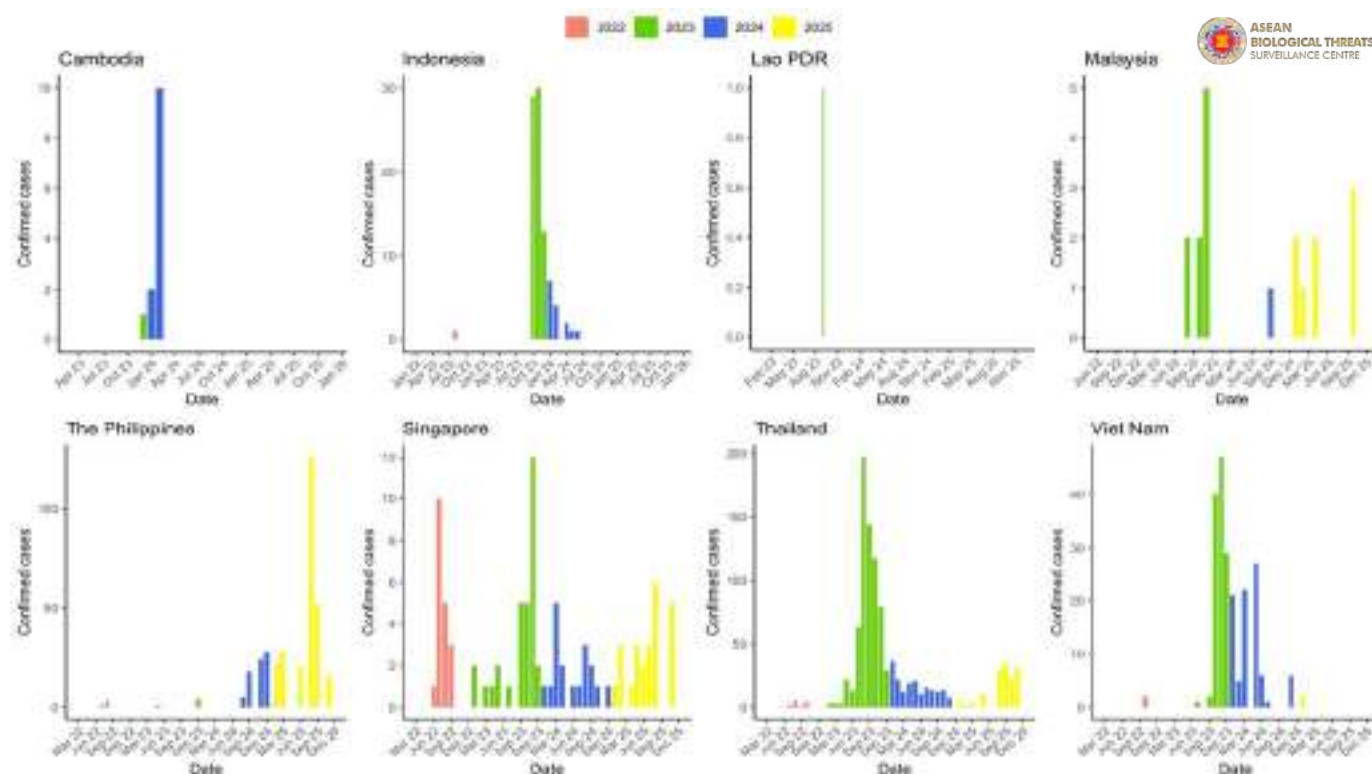
January 1, 2022 to November 22, 2025



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 25, 2025 ([https://worldhealthorg.shinyapps.io/mpx\\_global/](https://worldhealthorg.shinyapps.io/mpx_global/))
4. Communicable Disease Agency, Ministry of Health Singapore, accessed November 25, 2025, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

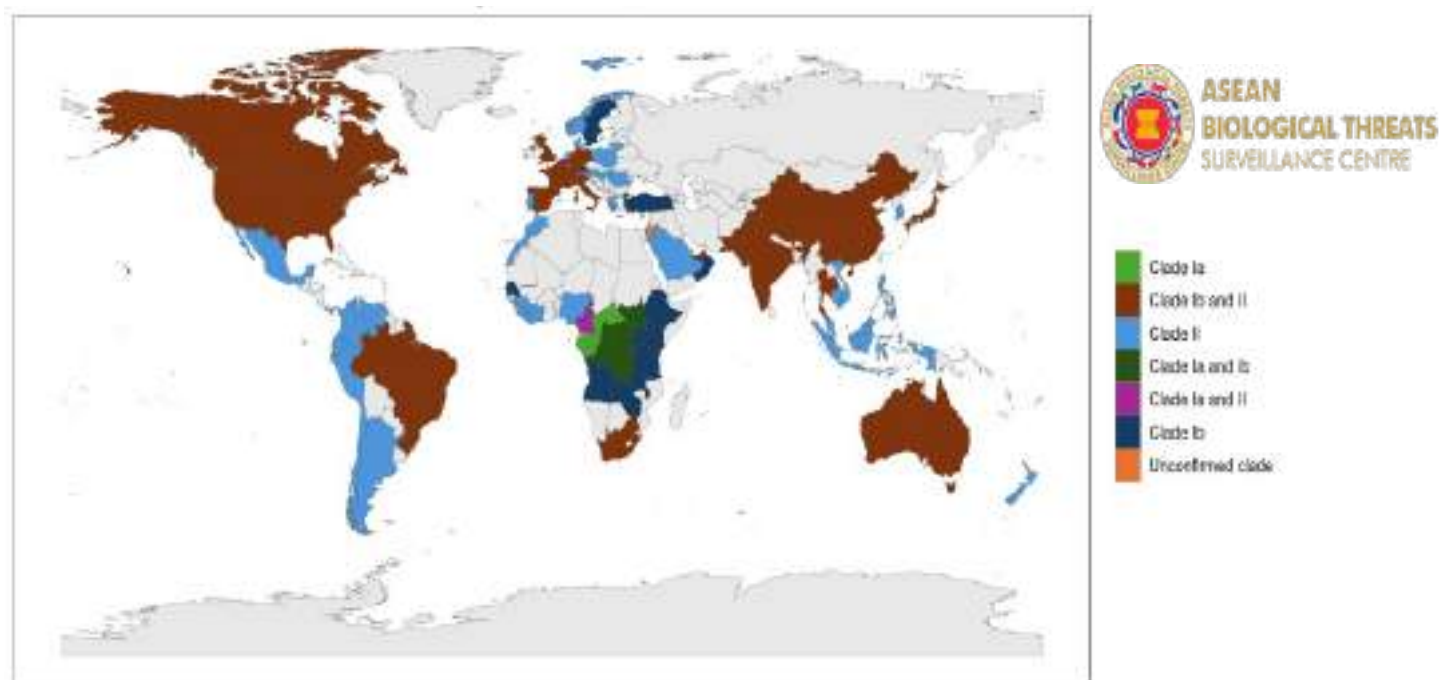
## Trend of Mpox Confirmed Cases among ASEAN Member States January 1, 2022 to November 22, 2025



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 25, 2025 ([https://worldhealthorg.shinyapps.io/mpx\\_global/](https://worldhealthorg.shinyapps.io/mpx_global/))
4. Communicable Disease Agency, Ministry of Health Singapore, accessed November 25, 2025, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

## Distribution of Mpox Variants in The Global As of November 22, 2025



Source: GISAID and WHO

## Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas As of November 22, 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 25, 2025 ([https://worldhealthorg.shinyapps.io/mpox\\_global/](https://worldhealthorg.shinyapps.io/mpox_global/))
4. Communicable Disease Agency, Ministry of Health Singapore, accessed November 25, 2025, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>



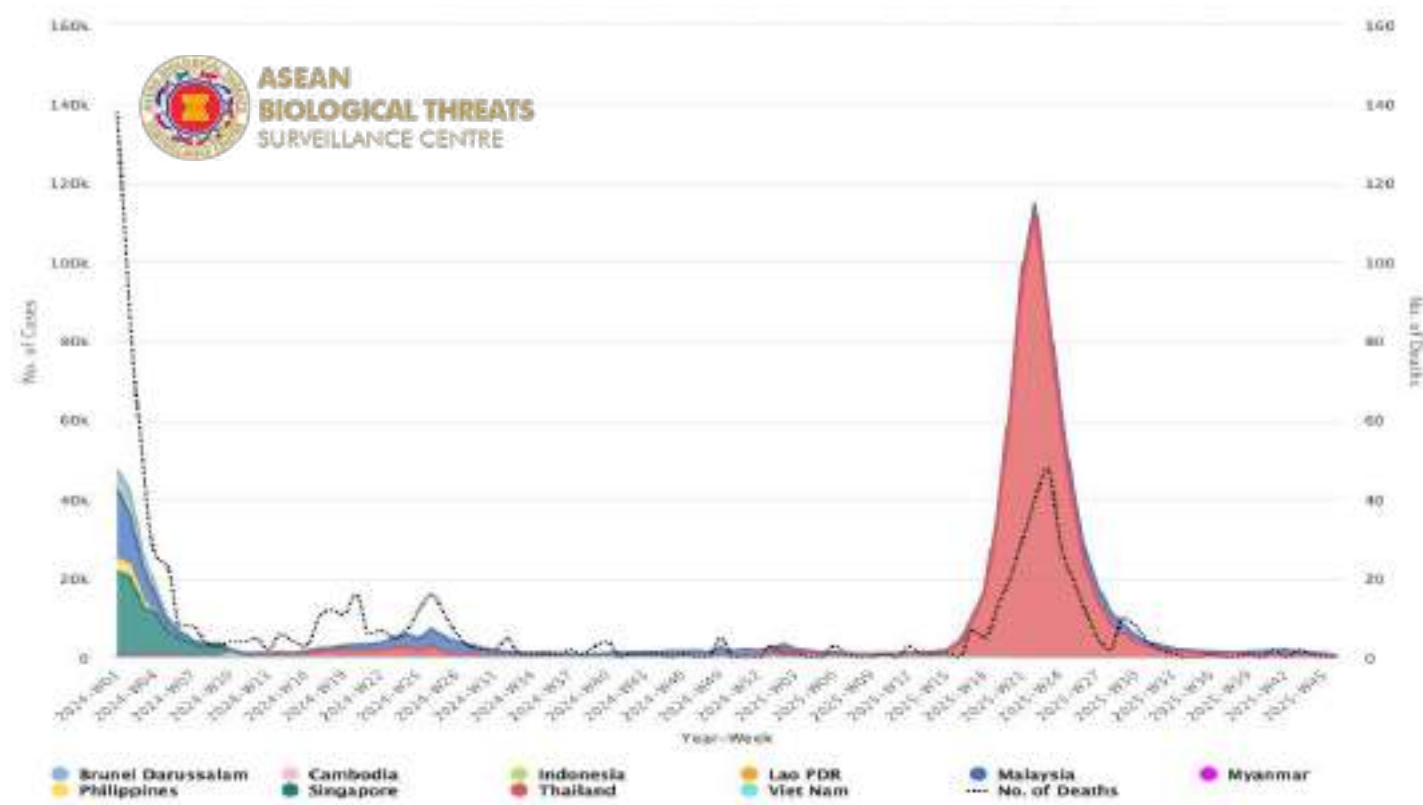
# COVID-19

## Key Findings

- As of 22 November 2025 (5PM, GMT+7), there were **778,656,112** confirmed cases **worldwide**, including **7,102,014** deaths. Globally, the Case Fatality Rate (CFR) was **0.91%**.
- 37,759,481** total confirmed cases of COVID-19 have been reported in the **ASEAN Region**.
- The CFR in the **ASEAN Region** was **0.98%**.
- In November 2025, the latest submission on GISAID by Indonesia and Brunei Darussalam showed dominance in **Omicron B.1.1.529+BA.\*** variant. Meanwhile, other member states such as Lao PDR, Cambodia, Malaysia, Singapore, Thailand, and Viet Nam were still dominated by **NB.1.8.1** variant.

## ASEAN Weekly COVID-19 Cases and Deaths

From January 1, 2024 to November 22, 2025



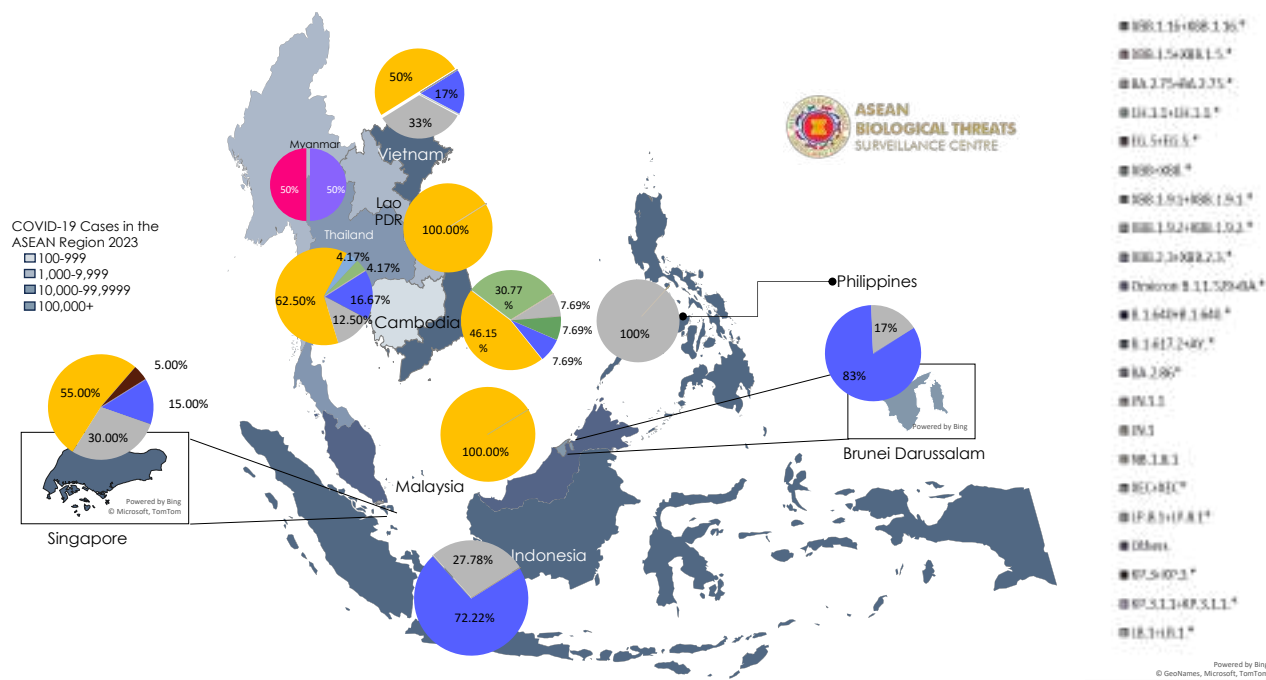
Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), MOH Myanmar, [MOH Malaysia](#), and [WHO](#) accessed on November 25, 2025

- 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 47.
- 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 November 2025*

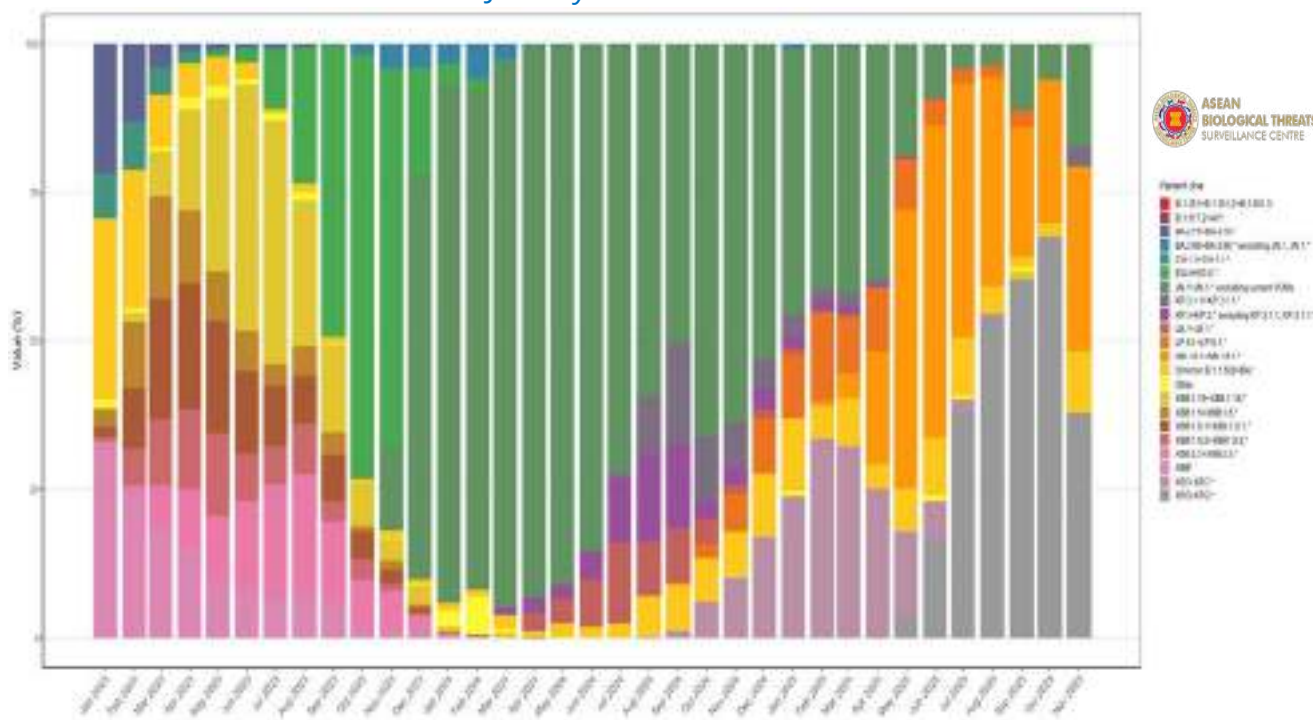


Source: GISAID. "hCoV-19 Variants Dashboard," accessed November 25, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

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## COVID-19 Variants Frequencies in the ASEAN Region

*From January 2023 to November 2025*



Source: GISAID. "hCoV-19 Variants Dashboard," accessed November 25, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

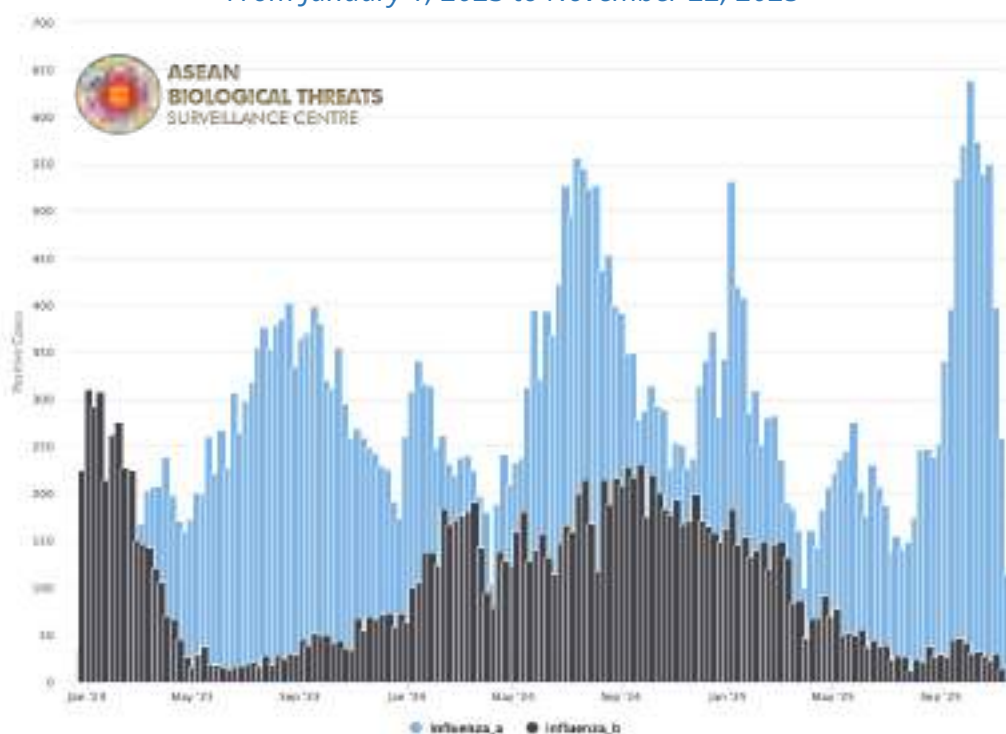
# INFLUENZA

## 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

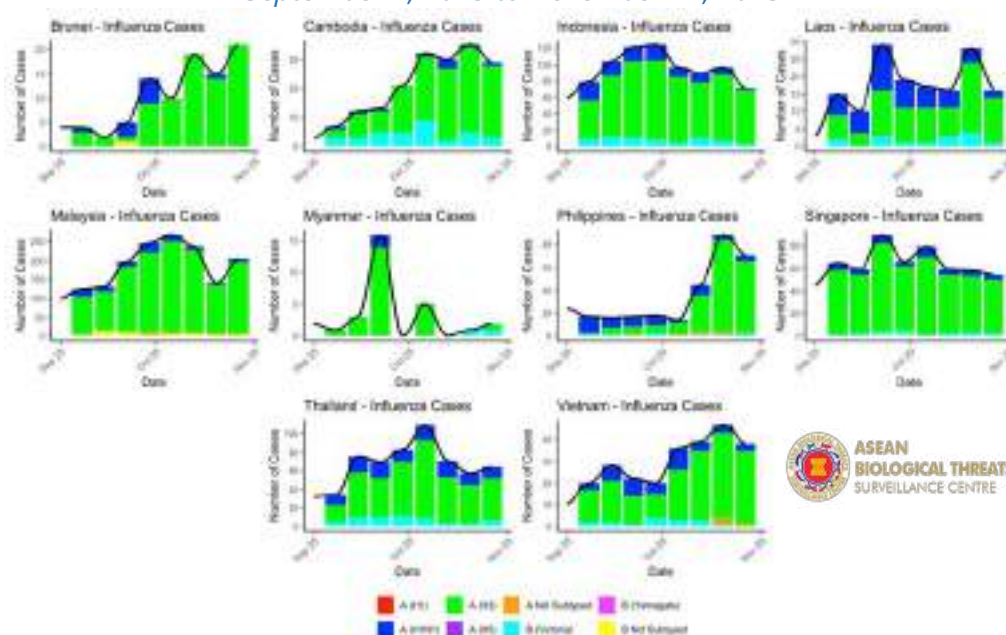
From January 1, 2023 to November 22, 2025



Source: WHO FluNet, accessed on November 25, 2025 (<https://www.who.int/tools/fluNet>)

## Trend of Influenza Cases among ASEAN Member States

September 1, 2025 to November 22, 2025

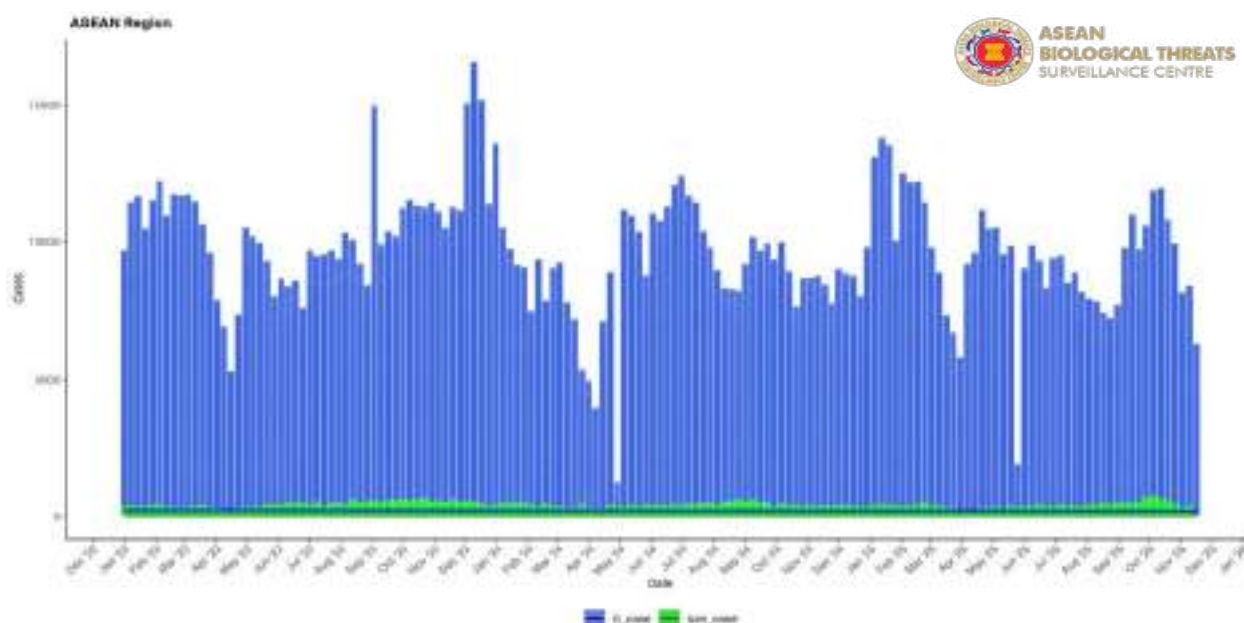


Source: WHO FluNet, accessed on November 25, 2025 (<https://www.who.int/tools/fluNet>)



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

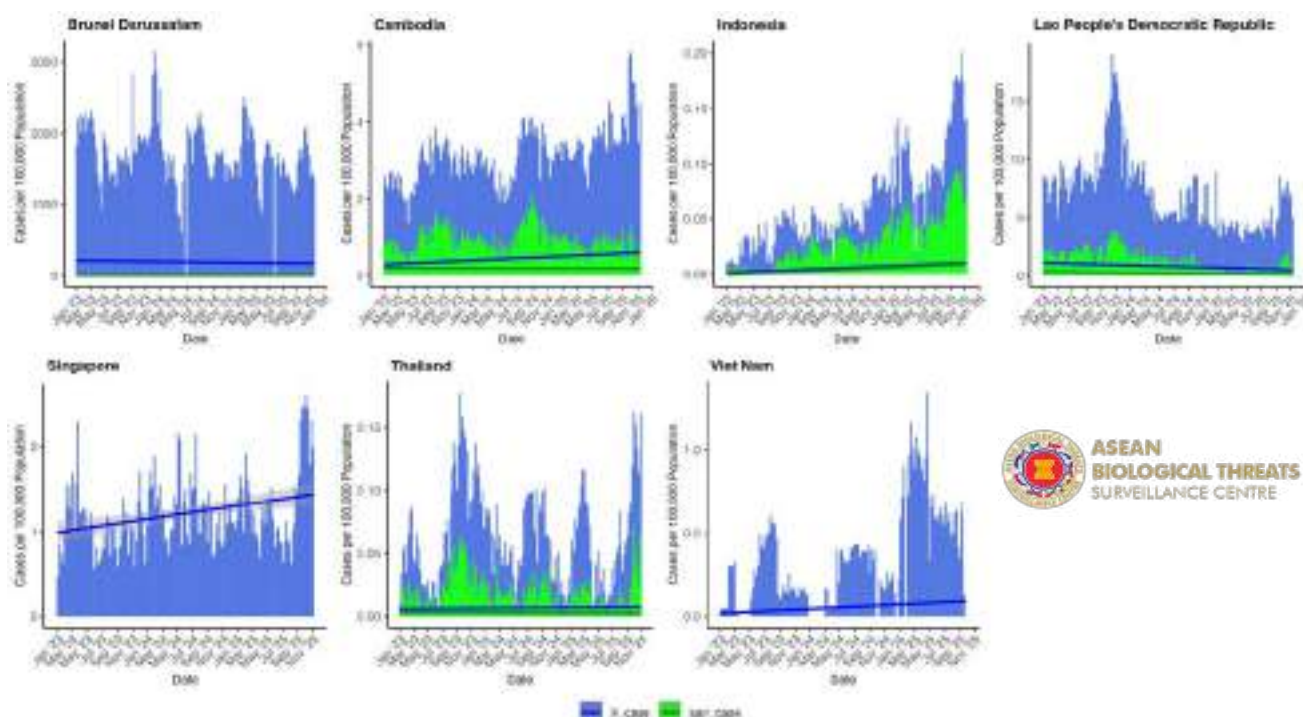
January 1, 2023 to November 22, 2025



Source: WHO FluID, accessed November 25, 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 22, 2025



Source: WHO FluID, accessed November 25, 2025 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-outputs>)



# Zoonosis





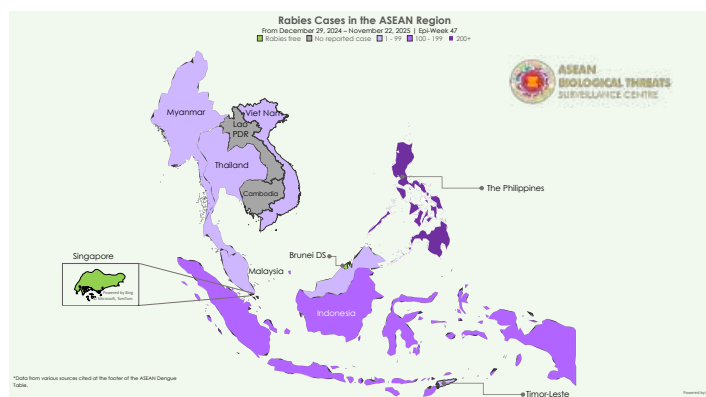
# RABIES

## Rabies Cases in the ASEAN Region

From December 29, 2024 to November 22, 2025 (Epi-Week 47, 2025)

### Key Findings

- The **ASEAN** region reported **one** new rabies cases in Epi-week 47, 2025.
- Up to November 22, 2025, the region reported **550** 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
<b>Brunei Darussalam</b>			<i>Rabies-free country</i>		
<b>Cambodia</b>	-	-	-	-	-
<b>Indonesia<sup>1</sup></b>	Week 42	142	-	142	100%
<b>Lao PDR</b>	-	-	-	-	-
<b>Malaysia<sup>2</sup></b>	Week 44	6	-	6	100%
<b>Myanmar<sup>3</sup></b>	Week 46	105	1	105	100%
<b>Philippines<sup>2</sup></b>	Week 31	211	-	211	100%
<b>Singapore</b>			<i>Rabies-free country</i>		
<b>Thailand<sup>2</sup></b>	Week 29	7	-	7	100%
<b>Timor-Leste<sup>2</sup></b>	Week 45	21	-	21	100%
<b>Viet Nam<sup>2</sup></b>	Week 42	58	-	58	100%
<b>Total</b>		<b>550</b>	<b>1</b>	<b>550</b>	<b>100%</b>

Source:

- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed November 24, 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
<b>Brunei Darussalam</b>			<i>Rabies-free country</i>		
<b>Cambodia</b>	Week 11	1	-	1	100%
<b>Indonesia</b>	-	-	-	-	-
<b>Lao PDR</b>	-	-	-	-	-
<b>Malaysia</b>	Week 45	48	8	48	100%
<b>Myanmar</b>	Week 30	2	-	2	100%
<b>Philippines</b>	Week 43	32	-	32	100%
<b>Singapore</b>			<i>Rabies-free country</i>		
<b>Thailand</b>	Week 45	229	-	229	100%
<b>Timor-Leste</b>	Week 47	50	9	50	100%
<b>Viet Nam</b>	-	-	-	-	-
<b>Total</b>		<b>362</b>	<b>17</b>	<b>362</b>	<b>100%</b>

Source: World Organization for Animal Health (WOAH), accessed November 24, 2025 (<https://wahis.woah.org/#/event-management>)

# Vector-Borne Diseases







# DENGUE

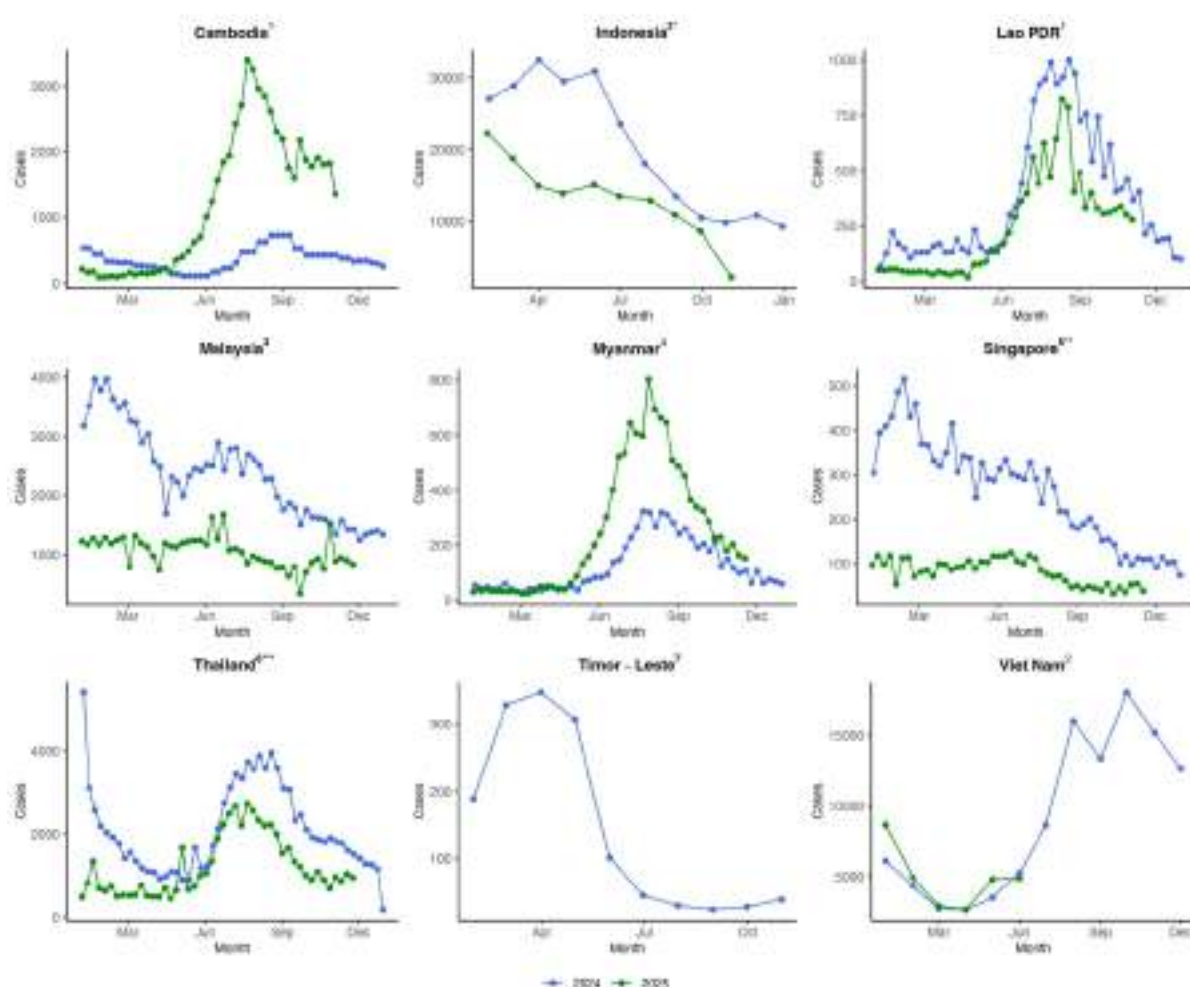
## Dengue Cases in the ASEAN Region

From December 29, 2024 to November 22, 2025 (Epi-Week 47, 2025)

### Key Findings

- The **ASEAN** region reported **1,976** new dengue cases in Epi-week 47, 2025.
- Up to November 22, 2025, the region reported **466,459** 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 25, 2025 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
  - WHO Global Dengue Surveillance, accessed November 25, 2025 ([https://worldhealthorg.shinyapps.io/dengue\\_global/](https://worldhealthorg.shinyapps.io/dengue_global/)).
  - Portal Rasmi iDengue untuk Komuniti, accessed November 25, 2025 (<https://idengue.mysa.gov.my/>).
  - Department of Public Health, Ministry of Health, Myanmar
  - Ministry of Health. "Weekly Infectious Disease Bulletin", accessed November 25, 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 25, 2025, ([https://dvis3.ddc.moph.go.th/t/DDC\\_CENTER\\_DOE/views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y](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 25, 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



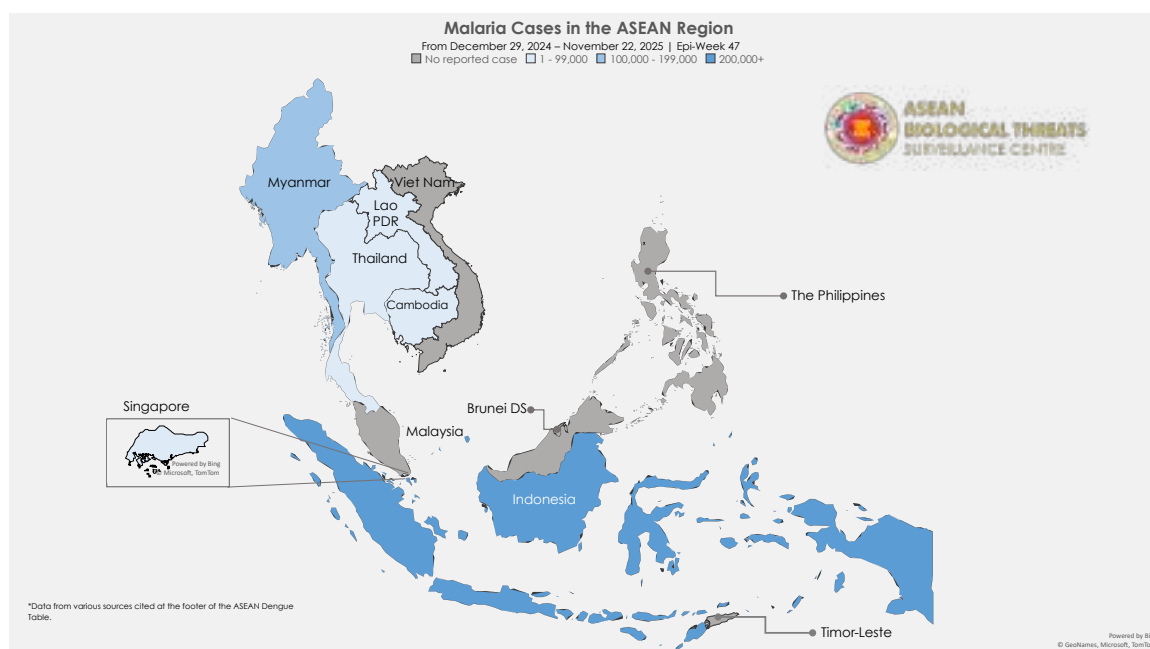
# MALARIA

## Malaria Cases in the ASEAN Region

From December 29, 2024 to November 22, 2025 (Epi-Week 47, 2025)

### Key Findings

- The **ASEAN** region reported **17,109** new malaria cases in Epi-week 47, 2025.
- Up to November 22, 2025, the region reported **761,651** total cases and **104** 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
<b>Brunei Darussalam</b>	-	-	-	-	-
<b>Cambodia<sup>1</sup></b>	Week 47	106	0	0	0.00%
<b>Indonesia<sup>2</sup></b>	Week 47	620,863	11,955	96	0.02%
<b>Lao PDR</b>	-	-	-	-	-
<b>Malaysia</b>	-	-	-	-	-
<b>Myanmar<sup>3</sup></b>	Week 44	136,901	5,111	5	0.004%
<b>Philippines</b>	-	-	-	-	-
<b>Singapore<sup>4</sup></b>	Week 46	31	0	0	0.00%
<b>Thailand<sup>5</sup></b>	Week 47	3,750	43	3	0.08%
<b>Timor-Leste</b>	-	-	-	-	-
<b>Viet Nam</b>	-	-	-	-	-
<b>Total</b>		<b>761,651</b>	<b>17,109</b>	<b>104</b>	<b>0.01%</b>

Source:

- Cambodia National Malaria Center, accessed November 25, 2025 (<https://mis.cnm.gov.kh/Dashboard>)
- Malaria Cases in Indonesia, accessed November 25, 2025 (<https://malaria.kemkes.go.id/case>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health Singapore, accessed November 25, 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 25, 2025 ([https://dvis3.ddc.moph.go.th/t/DDC\\_CENTER\\_DOE/views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y](https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/DDS2/sheet33?%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

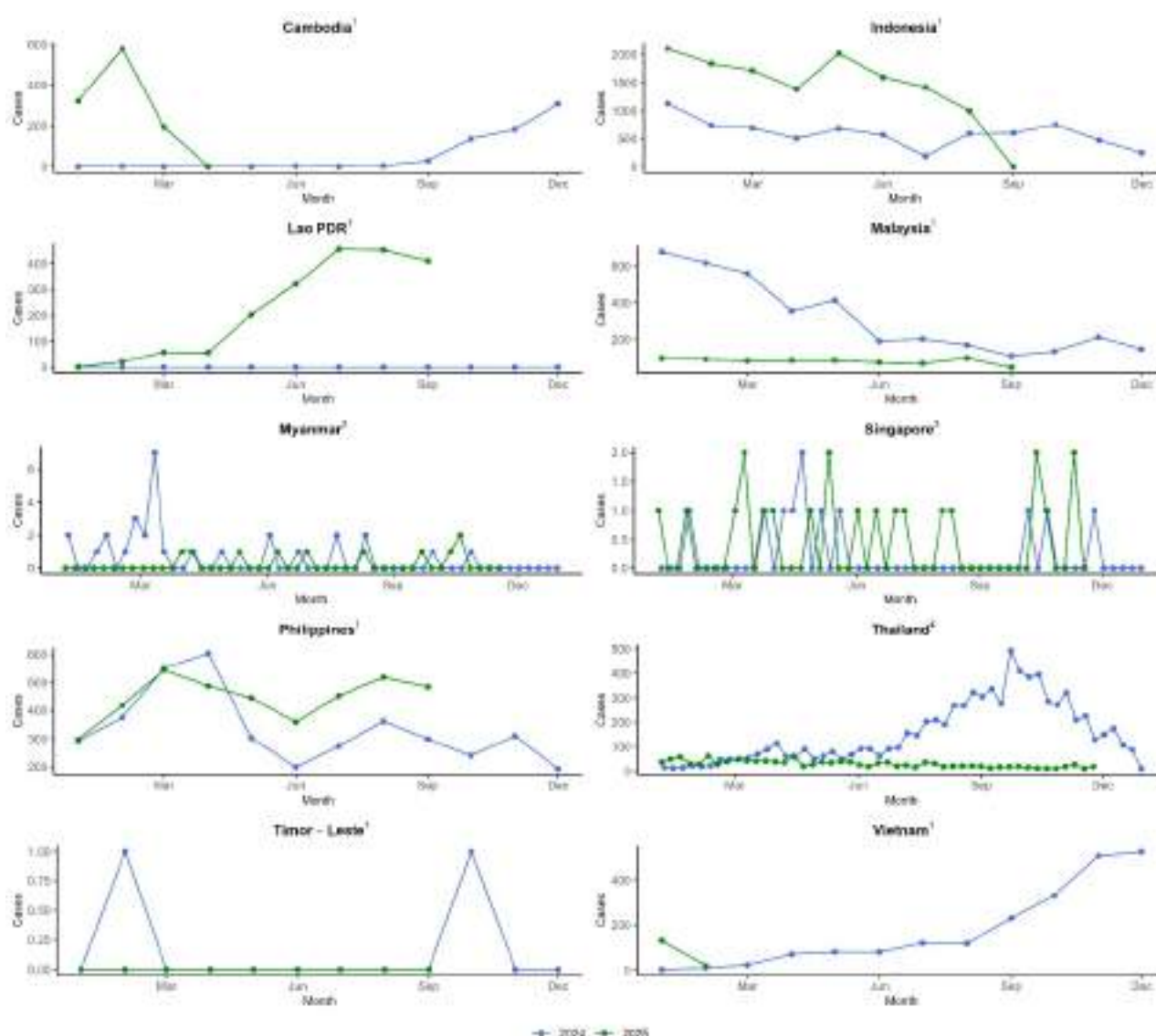
## Measles Cases in the ASEAN Region

From December 29, 2024 to November 22, 2025 (Epi-Week 47, 2025)

### Key Findings

- The **ASEAN** region reported **19** new measles cases in Epi-week 47, 2025.
- Up to November 22, 2025, the region reported **22,453** 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 25, 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 25, 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 25, 2025 (<http://doe.moph.go.th/surdata/index.php>)





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