



**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



In partnership with  
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ASSOCIATION  
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@biodiaspora.org](mailto:support@biodiaspora.org)

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# Emerging Diseases

A person wearing a full-body white protective suit, a hood, and a face mask with a filter. They are also wearing black gloves. The person is holding a small, dark object in their gloved hand. The background is a blurred indoor setting, possibly a laboratory or a clinical environment.

# MPOX

## Mpox Cases Reported in the ASEAN Region

January 1, 2023 – June 28, 2025



Source:

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

## Key Findings

- From 1 January 2023 to 28 June 2025, **63,303** confirmed cases worldwide since 2023, including **295** deaths. Globally, the CFR was **0.47 %**.
- **1,405 confirmed cases** including **27 deaths** in the **ASEAN** region, with a CFR of **1.89%**.
- **61,878 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 Jun. 28, 2025)

ASEAN Member States	Cumulative Cases 2023-2025	New Cases Since Previous Report	Cumulative Deaths 2023-2025	CFR
<b>Cambodia<sup>1</sup></b>	20	0	0	0.00%
<b>Indonesia<sup>2</sup></b>	87	0	0	0.00%
<b>Lao PDR<sup>3</sup></b>	1	0	0	0.00%
<b>Malaysia<sup>3</sup></b>	15	0	0	0.00%
<b>Philippines<sup>3</sup></b>	152	20	5	3.29%
<b>Singapore<sup>4</sup></b>	57	0	0	0.00%
<b>Thailand<sup>3</sup></b>	884	0	13	1.47%
<b>Vietnam<sup>3</sup></b>	209	0	9	4.31%
<b>ASEAN Total</b>	<b>1,425</b>	<b>20</b>	<b>27</b>	<b>1.89%</b>

Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia
3. WHO Mpox Outbreak: Global Trends, accessed July 1, 2025 ([https://worldhealthorg.shinyapps.io/mpox\\_global/](https://worldhealthorg.shinyapps.io/mpox_global/))
4. Ministry of Health Singapore, accessed July 1, 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 Jun. 28, 2025)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
<b>Democratic Republic of Congo</b>	22,959	75	51	0.22%
<b>Uganda</b>	6,634	0	44	0.66%
<b>United States of America</b>	4,910	0	10	0.20%
<b>Brazil</b>	3,450	0	2	0.06%
<b>People's Republic of China</b>	3,181	0	1	0.03%

Source: Our World in Data, accessed on July 1, 2025 (<https://ourworldindata.org/monkeypox>)

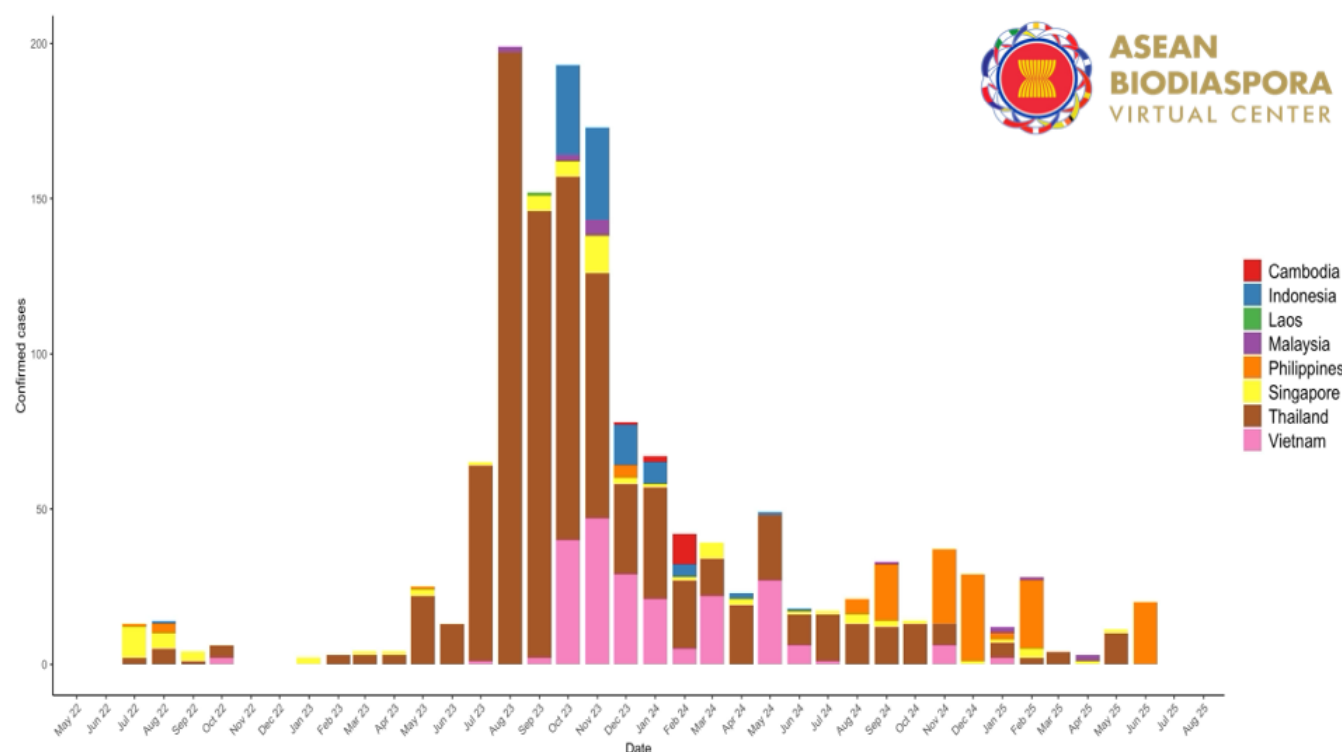
## Mpox cases per region (Jan. 1, 2023 to Jun. 28, 2025)

REGIONS	CUMULATIVE CASES 2023-2025	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
<b>AFRICA</b>	38,312	75	135	0.35%
<b>AMERICAS</b>	11,614	0	99	0.85%
<b>ASEAN</b>	1,425	20	27	1.89%
<b>ASIA &amp; OCEANIA</b>	7,599	0	31	0.41%
<b>EUROPE</b>	4,353	0	4	0.09%
<b>TOTAL</b>	<b>63,303</b>	<b>95</b>	<b>296</b>	<b>0.47%</b>

Source: Our World in Data, accessed on July 1, 2025 (<https://ourworldindata.org/monkeypox>)

## Trend of Mpox Confirmed Cases in the ASEAN Region

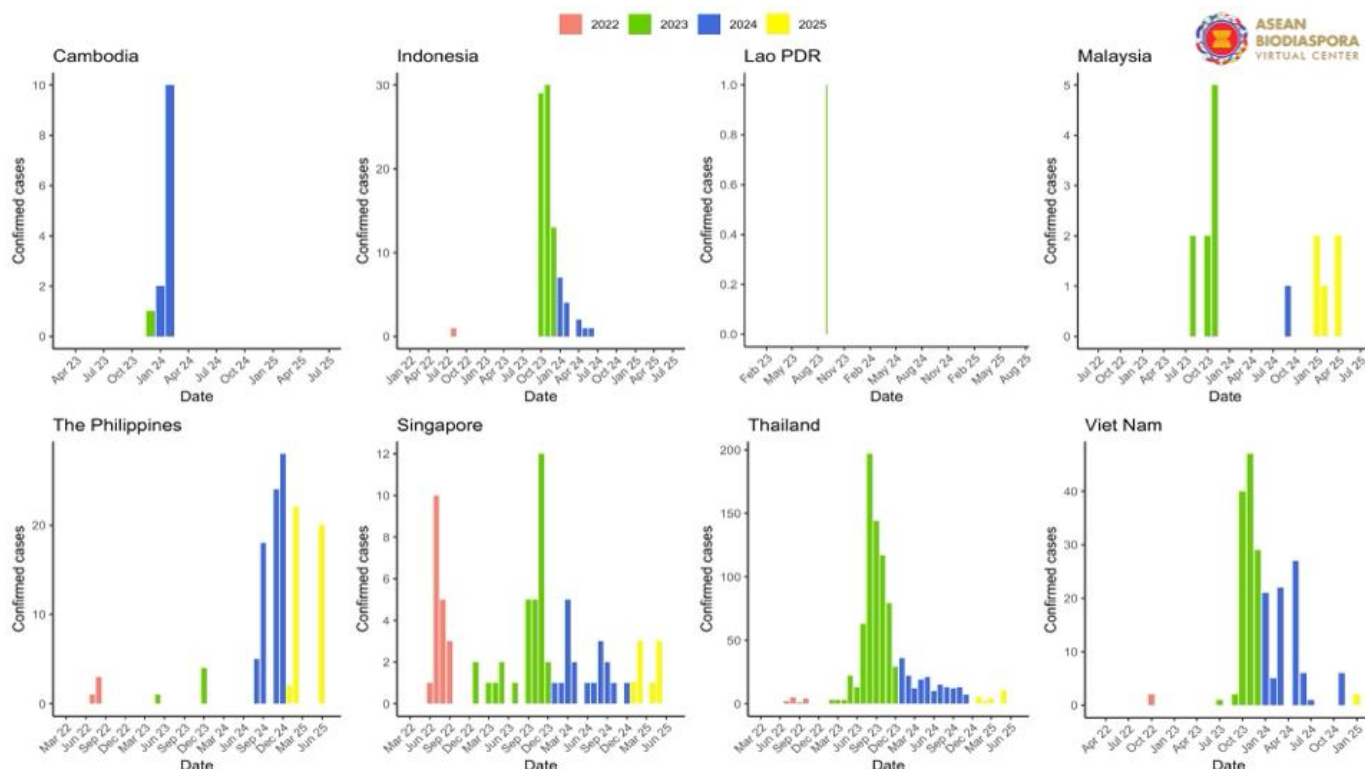
January 1, 2022 to June 28, 2025



Source: Our World in Data, accessed on July 1, 2025 (<https://ourworldindata.org/monkeypox>)

## Trend of Mpox Confirmed Cases among ASEAN Member States

January 1, 2022 to June 28, 2025

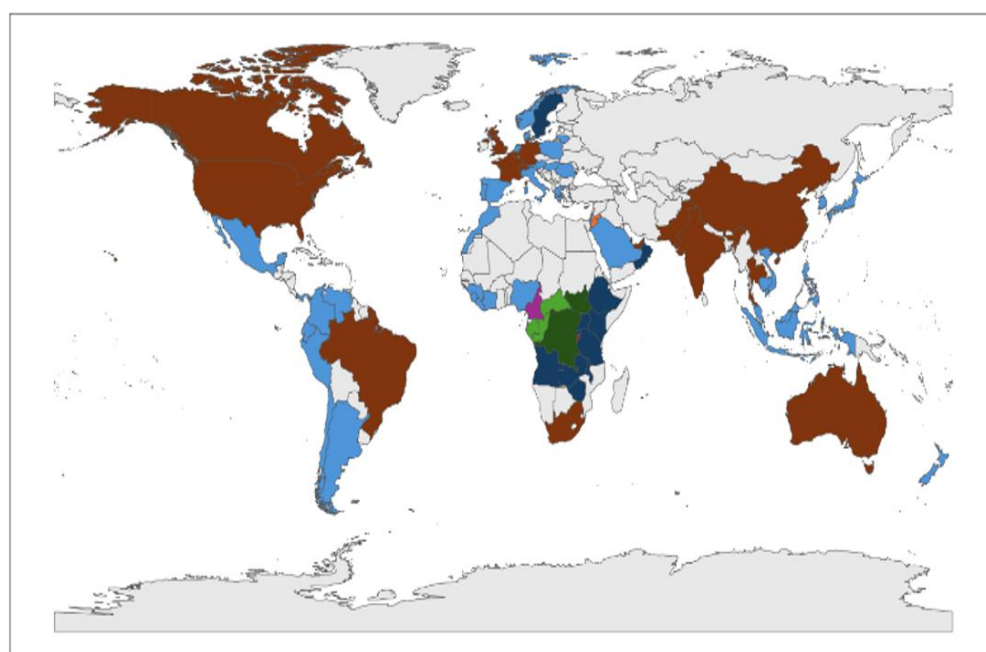


Source: Our World in Data, accessed on July 1, 2025 (<https://ourworldindata.org/monkeypox>)

## Distribution of Mpox Variants in The Global

As of June 28, 2025

Distribution of Mpox Variant (Clade) in The Global



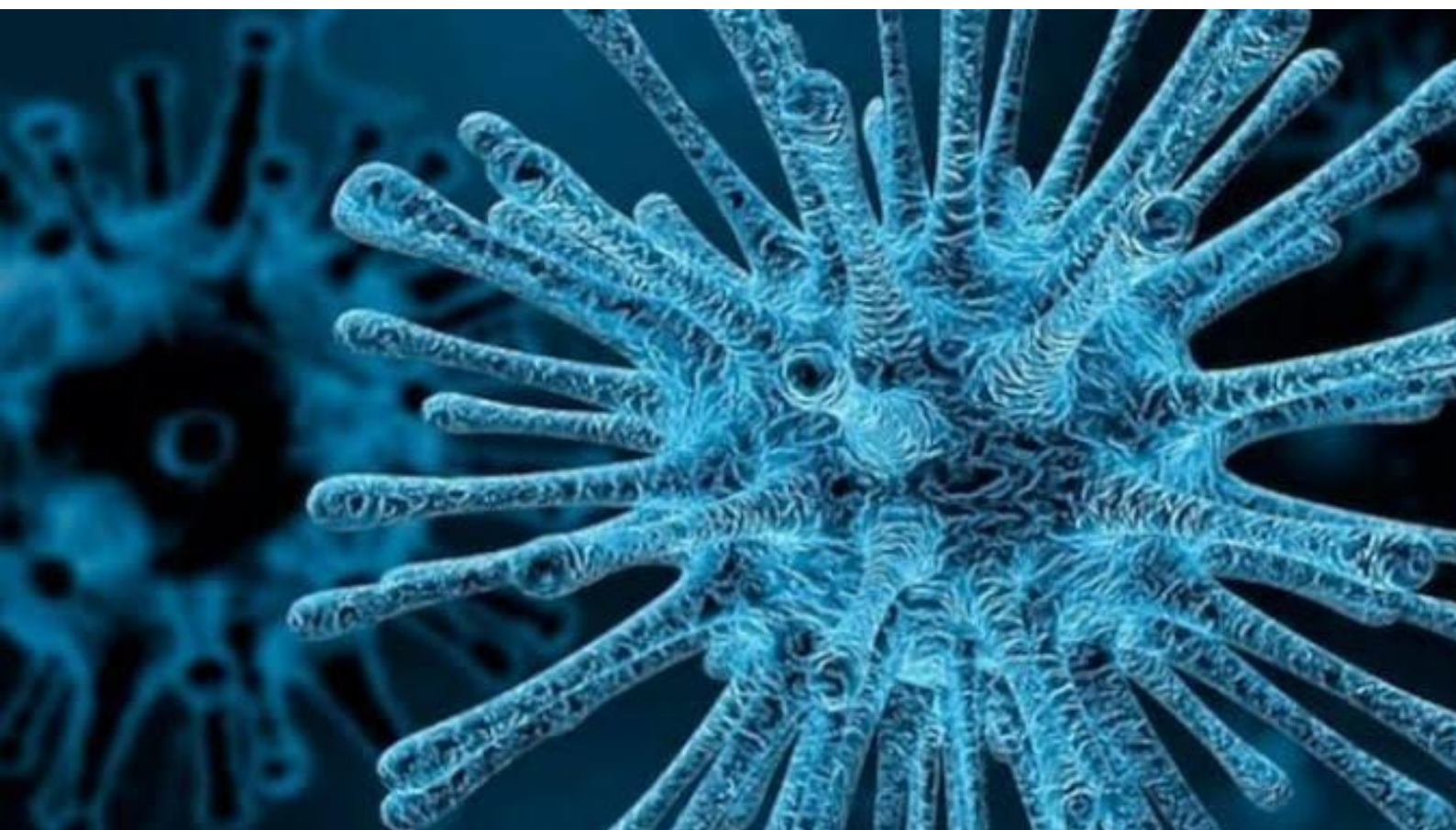
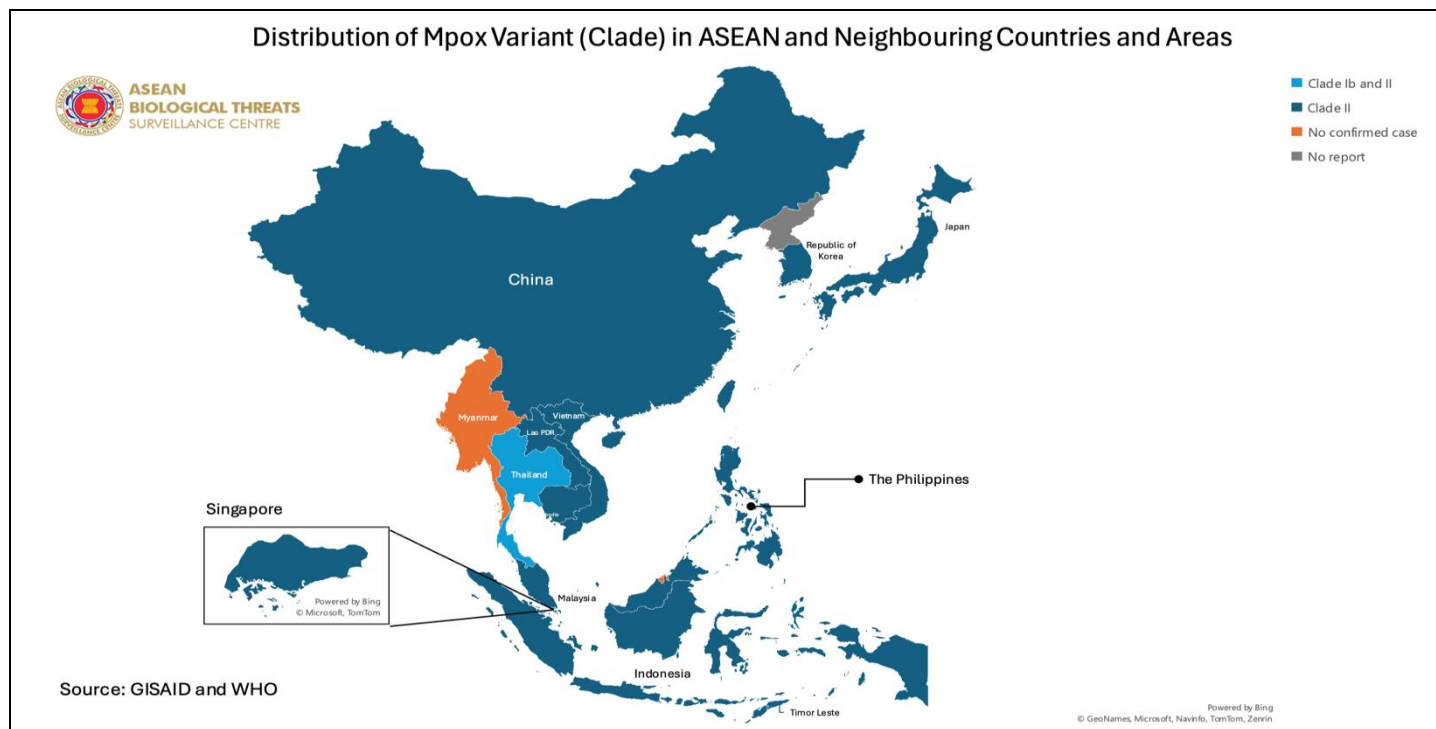
Source: GISAID and WHO





## Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas

As of June 28, 2025



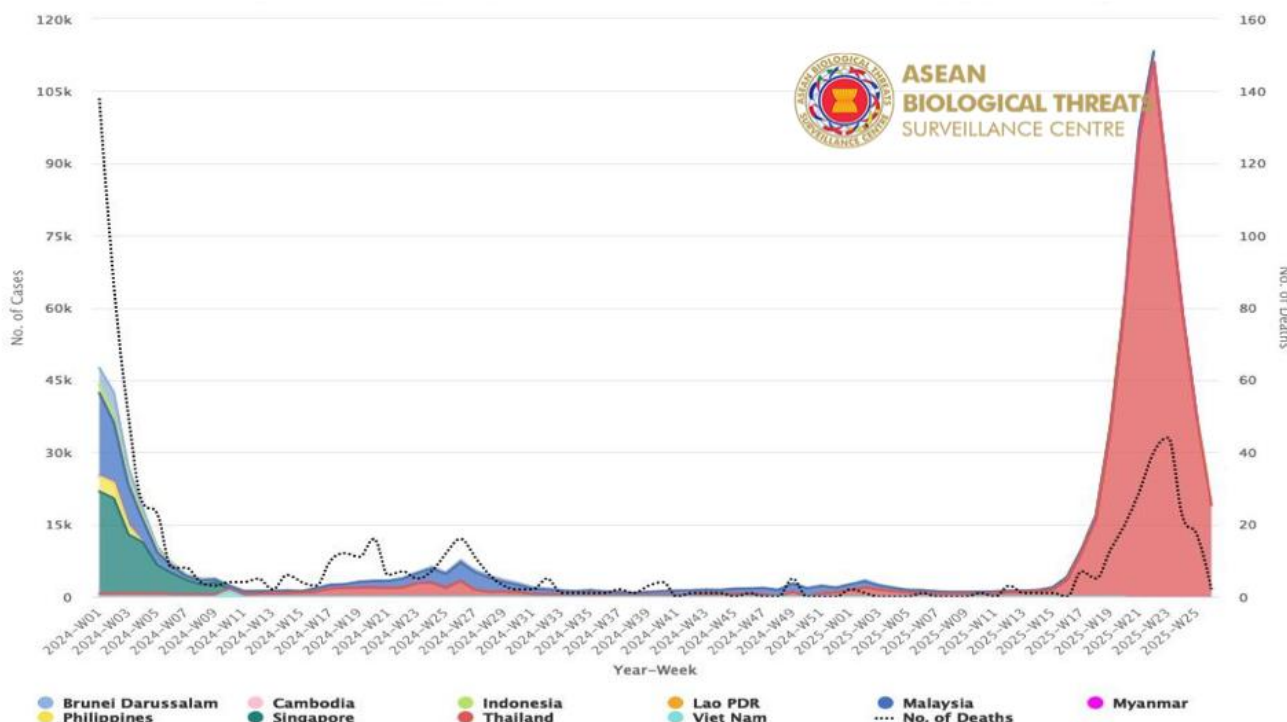
# COVID-19

## Key Findings

- As of 28 June 2025 (5PM, GMT+7), there were **778,097,339** confirmed cases **worldwide**, including **7,096,567 deaths**. Globally, the Case Fatality Rate (CFR) was **0.91%**.
- 37,654,425 total confirmed cases** of COVID-19 have been reported in the **ASEAN Region**.
- The CFR in the **ASEAN Region** was **0.98%**.
- NB.1.8.1** variant show a dominance number in Thailand, Singapore, and Vietnam. Meanwhile, Cambodia shows dominance in **Omicron B.1.1.529+BA.\*** variant.

## ASEAN Weekly COVID-19 Cases and Deaths

From January 1, 2024 to June 28, 2025



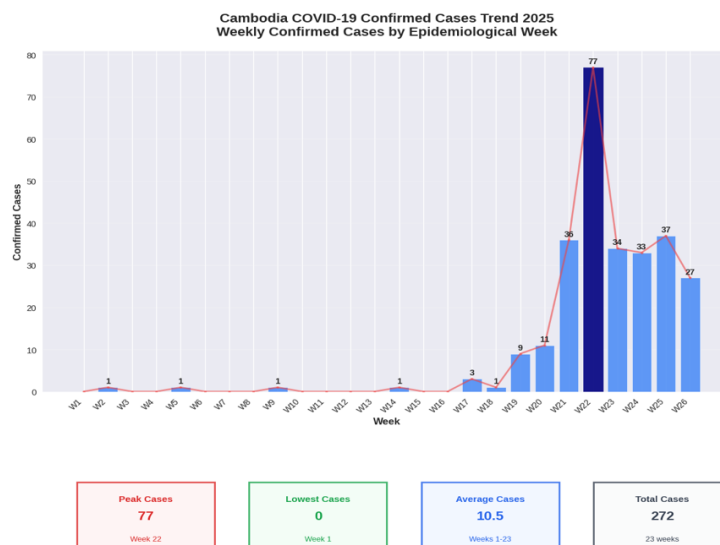
Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), [MOH Myanmar](#), [MOH Malaysia](#), and [WHO](#) accessed on July 1, 2025

## ASEAN Weekly COVID-19 Cases among ASEAN Member States

From January 1 to June 28, 2025

### Cambodia:

- COVID-19 cases in Cambodia remained very low from Week 1 to Week 16 of 2025, with most weeks reporting zero or one case.
- A noticeable increase in weekly cases began in Week 19, rising sharply to 77 cases by Week 22.
- No deaths were reported throughout the 26-week period, suggesting mild disease or effective healthcare response.



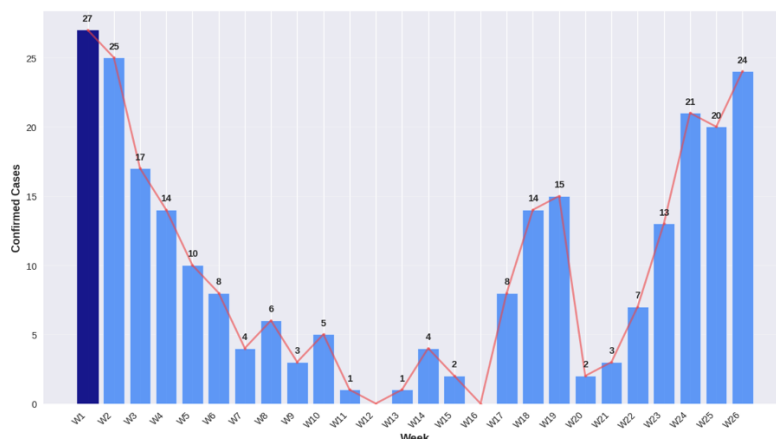
Source: [MOH Cambodia](#), accessed on July 1, 2025



## Indonesia:

- Indonesia demonstrated effective pandemic control with cases declining from a peak of 27 in week 1 to near-zero levels by weeks 12-16, indicating successful implementation of public health measures early in 2025.
- The overall trend shows a well-managed outbreak with an average of only 9.2 cases per week, and zero deaths reported throughout the 25-week period, suggesting robust healthcare system response and disease surveillance.
- There was a brief increase in cases during weeks 17-19 (reaching 15 cases) that are likely happening during 22-26.

Indonesia COVID-19 Confirmed Cases Trend 2025  
Weekly Confirmed Cases by Epidemiological Week



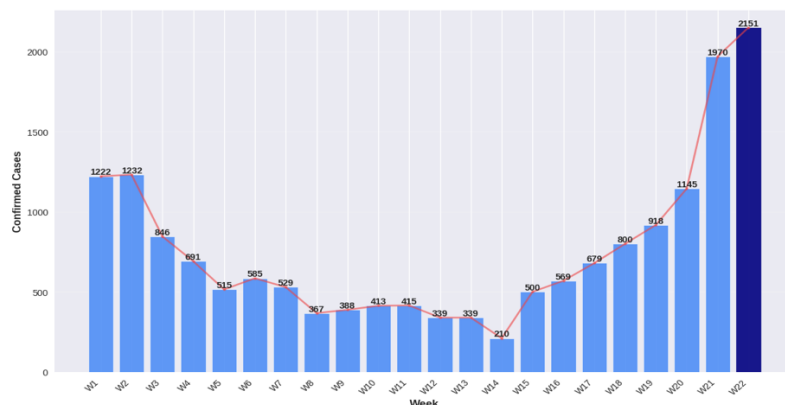
Peak Cases 27 Week 1	Lowest Cases 0 Week 12	Average Cases 9.8 Weeks 1-26	Total Cases 254 26 weeks
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Source: [MOH Indonesia](#), accessed on July 1, 2025

## Malaysia:

- U-shaped trend: Cases started high (1,222-1,232), dropped significantly to a minimum of 210 cases in week 14, then surged dramatically to peak at 2,151 cases by week 22.
- Accelerating growth phase: The resurgence from week 15 onwards shows exponential growth, with cases more than quadrupling in just 8 weeks (500 to 2,151).
- Zero mortality: Despite 16,910 total cases across 22 weeks, no deaths were recorded, suggesting either effective treatment protocols or a less severe variant.

Malaysia COVID-19 Confirmed Cases Trend 2025  
Weekly Confirmed Cases by Epidemiological Week



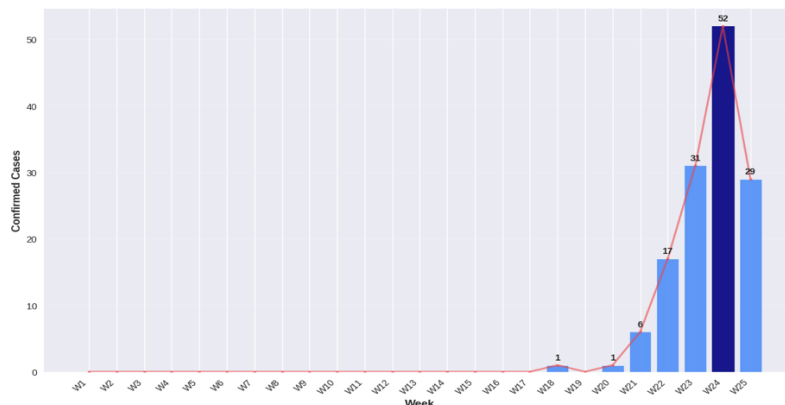
Peak Cases 2151 Week 22	Lowest Cases 210 Week 14	Average Cases 764.7 Weeks 1-22	Total Cases 16823 22 weeks
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Source: [MOH Malaysia](#), accessed on July 1, 2025

## Myanmar:

- The total number of COVID-19 cases reported in Myanmar for the week's analyzed in 2025 was 137.
- On average, Myanmar reported five COVID-19 cases per week during this period.
- The peak number cases were reported in week 24 with more than 50 cases. Meanwhile, the lowest reported cases occurred in the earliest week this year from week 1 to week 17. During these weeks, Myanmar reported no cases on COVID-19.

Myanmar COVID-19 Confirmed Cases Trend 2025  
Weekly Confirmed Cases by Epidemiological Week



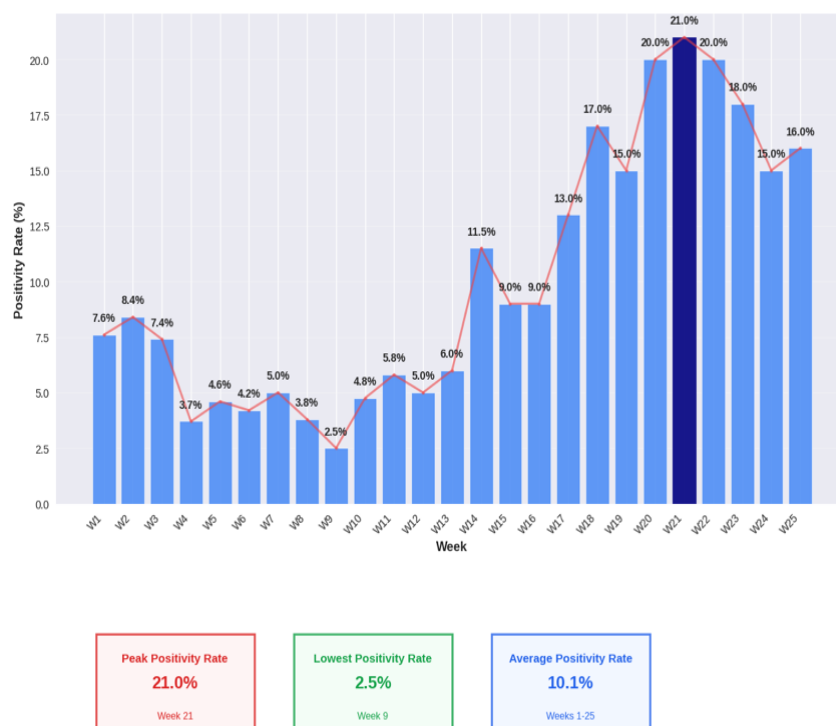
Peak Cases 52 Week 24	Lowest Cases 0 Week 1	Average Cases 5.5 Weeks 1-25	Total Cases 137 25 weeks
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Source: [MOH Myanmar](#), accessed on July 1, 2025

## Singapore:

- Based on the last press release by Minister of Health of Singapore on May 13, 2025. The estimated number of COVID-19 cases in the week of 27 April to 3 May 2025 rose to 14,200 cases, compared to 11,100 cases in the previous week.
- At present, LF.7 and NB.1.8 (both descendants of the JN.1 variant) are the main COVID-19 variants circulating in Singapore, together accounting for more than two-thirds of locally sequenced cases.
- From the ILI/SARI Singapore sentinel data, the Covid-19 positivity rate trend has increased significantly to reach 21% in the week 21 of 2025.
- It gradually decreases as of week 25 to 16%.

Singapore COVID-19 Positivity Rate Trend 2025  
Weekly Positivity Rate by Epidemiological Week

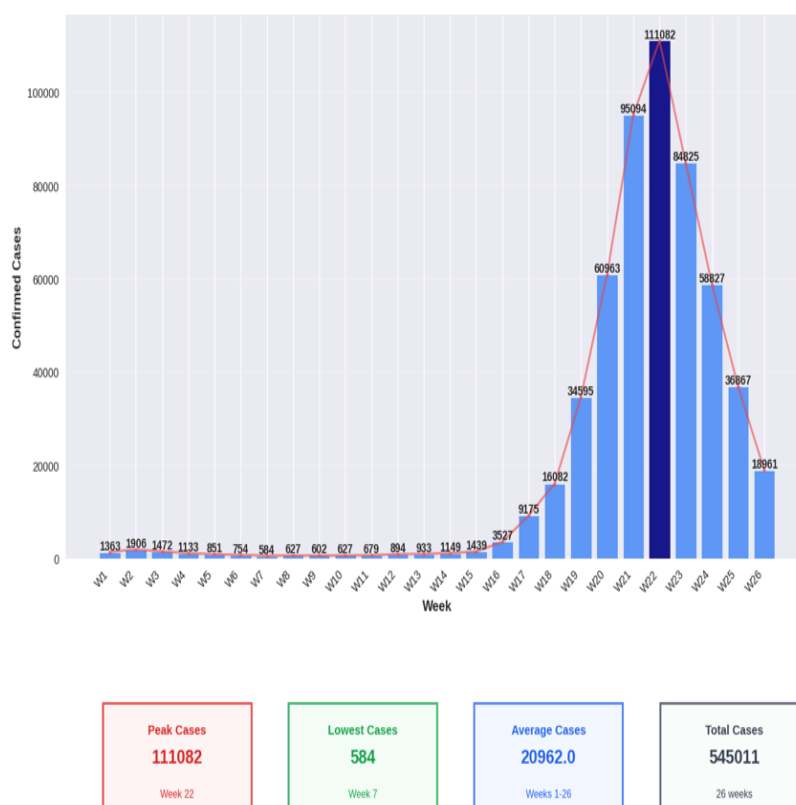


Source: [Singapore Government](#), accessed on July 1, 2025

## Thailand:

- Early Phase (W1–W15): Sporadic and low case counts with intermittent deaths.
- Acceleration Phase (W16–W21): Rapid, exponential rise in cases indicates a shift to widespread community transmission, potentially due to mass gatherings.
- Week 23 now represents the absolute peak of Thailand's COVID-19, with the highest case count more than 100,000 cases.
- After the week 23, the cases significantly decrease until the week 25 by more than 50,000.

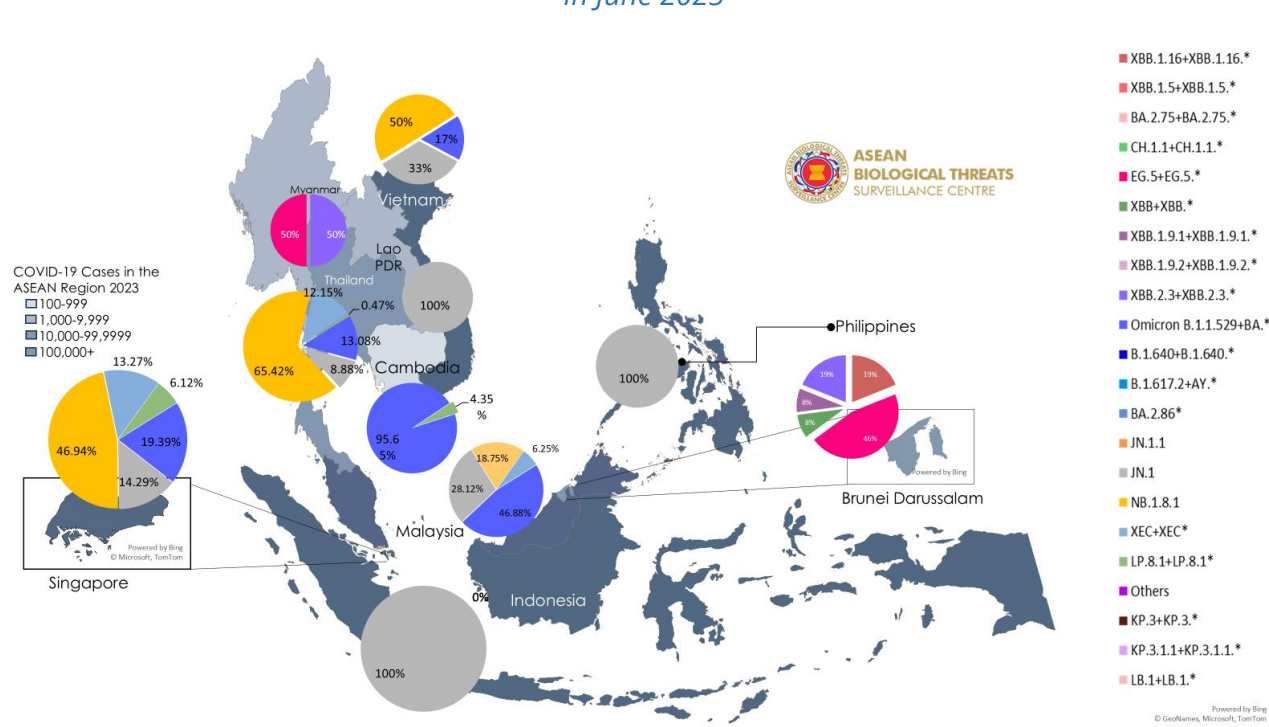
Thailand COVID-19 Confirmed Cases Trend 2025  
Weekly Confirmed Cases by Epidemiological Week



Source: [DDC Thailand](#), accessed on July 1, 2025

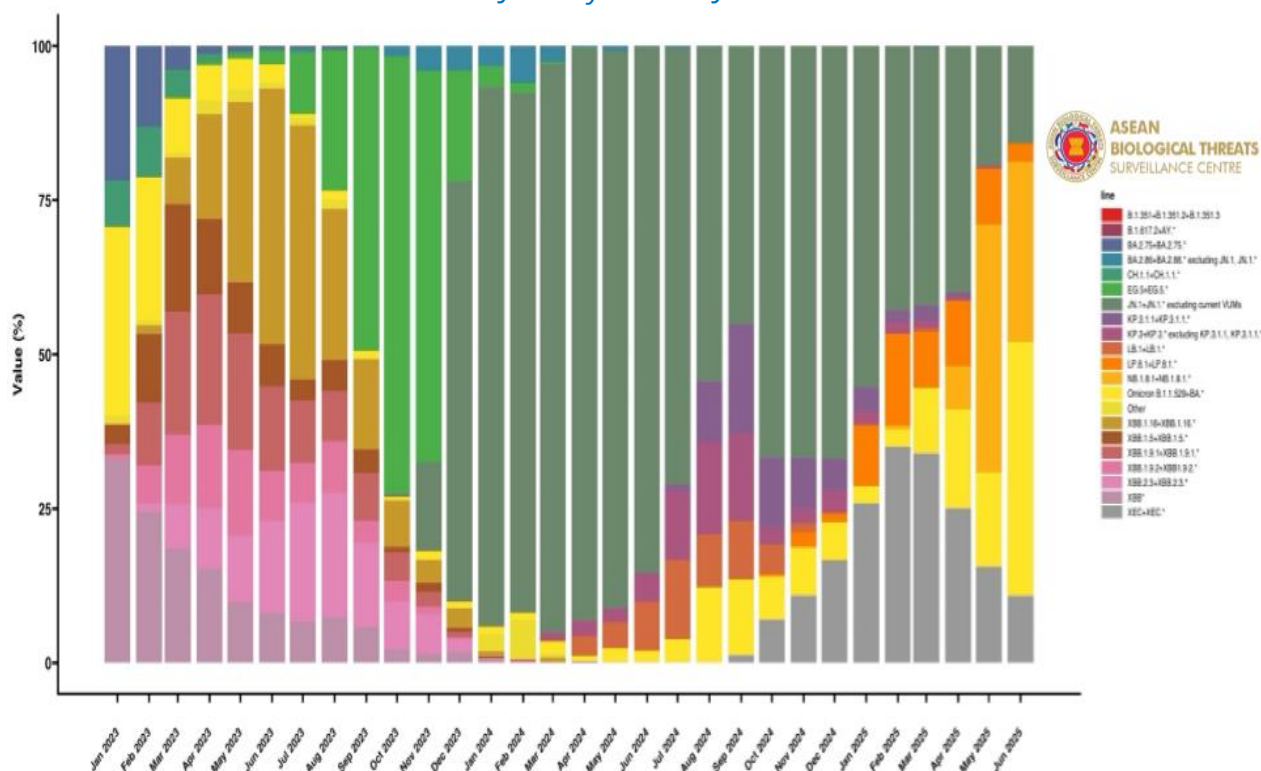


## COVID-19 Variants Frequencies Among the ASEAN Member States In June 2025



Source: GISAID. "hCoV-19 Variants Dashboard," accessed July 1, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

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



Source: GISAID. "hCoV-19 Variants Dashboard," accessed July 1, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

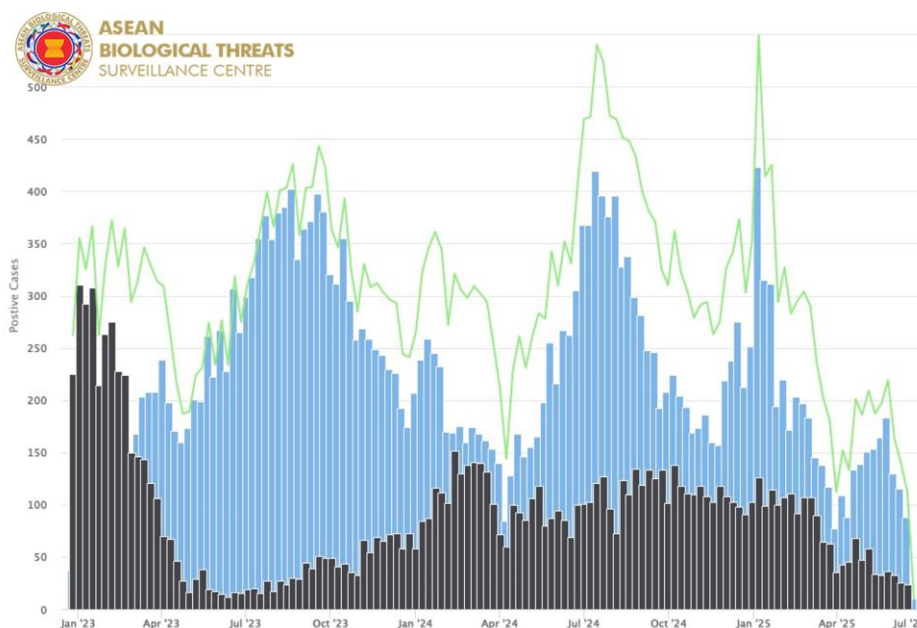
# INFLUENZA

## Key Findings

- Recently, most influenza cases among ASEAN Member States experiences a downward trend.
- While influenza-like illness (ILI) and severe acute respiratory infection (SARI) increase slightly among some ASEAN Member States.

## Trends of Influenza Confirmed Cases in the ASEAN region

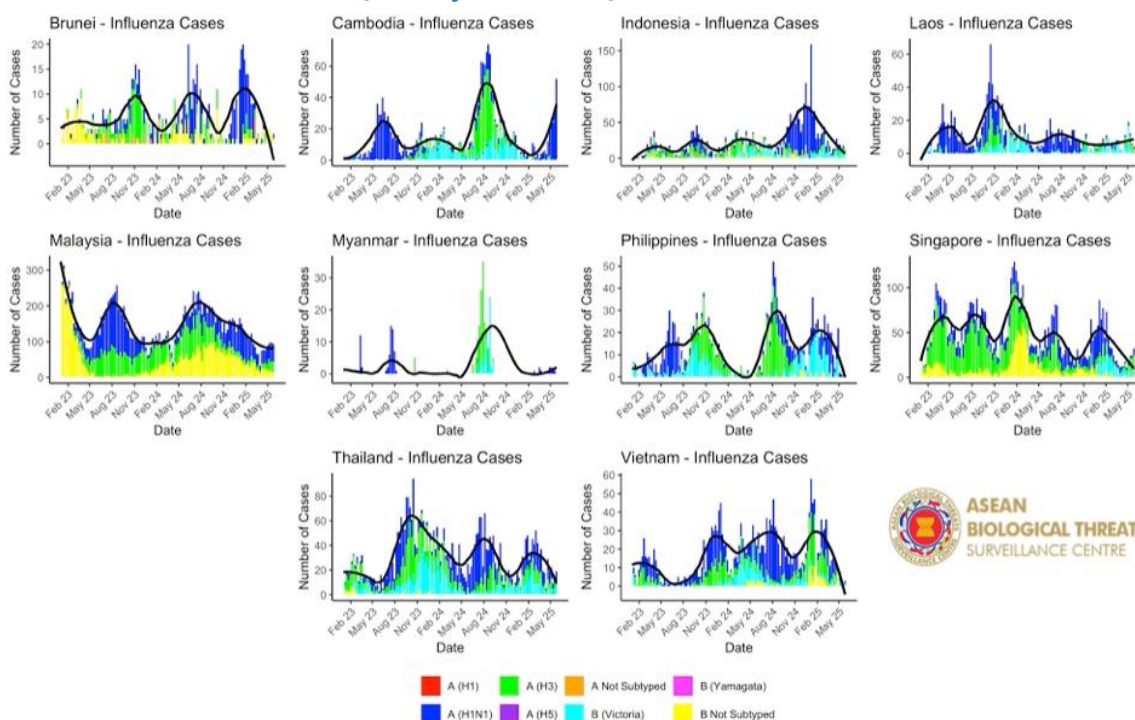
From January 1, 2023 to June 28, 2025



Source: WHO FluNet, accessed on July 1, 2025 (<https://www.who.int/tools/fluNet>)

## Trend of Influenza Cases among ASEAN Member States

January 1, 2023 to June 28, 2025

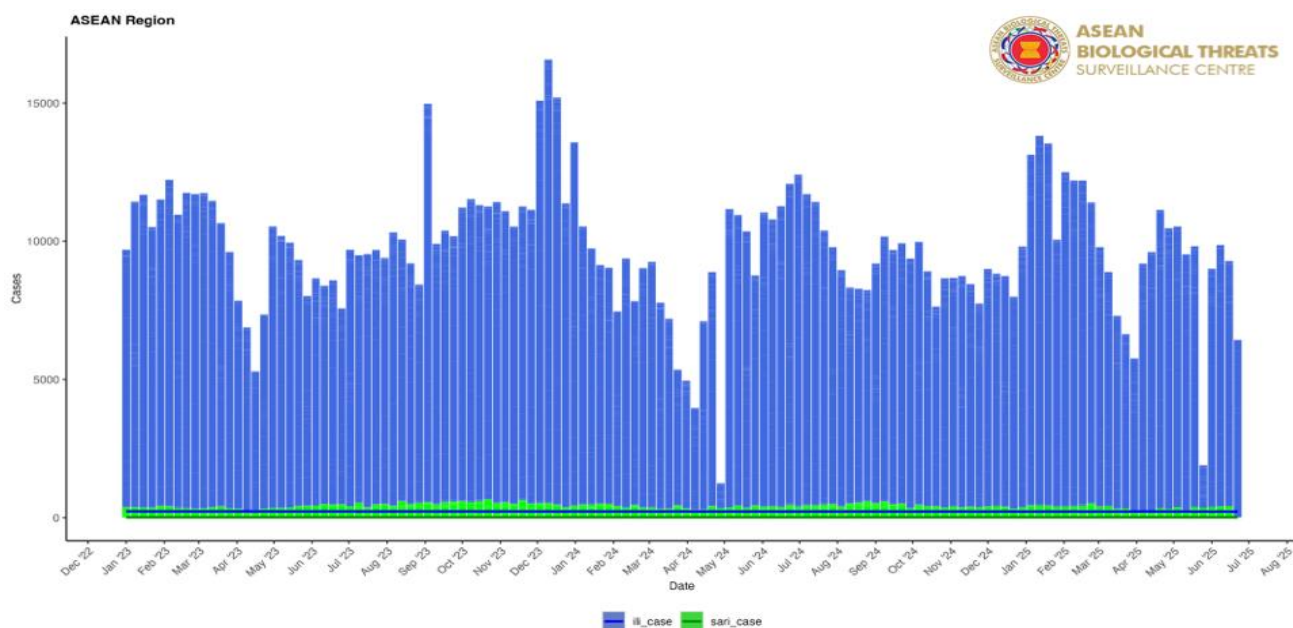


Source: WHO FluNet, accessed on July 1, 2025 (<https://www.who.int/tools/fluNet>)



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

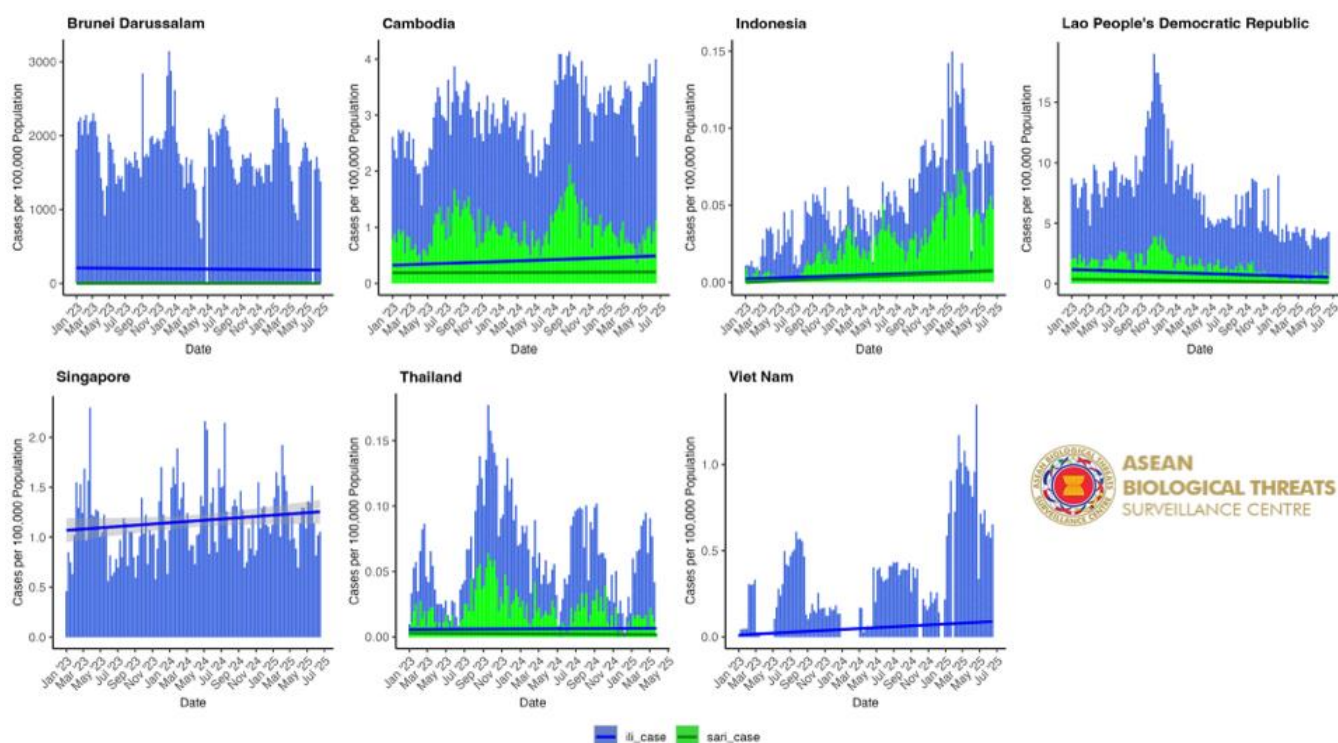
January 1, 2023 to June 28, 2025



Source: WHO FluID, accessed July 1, 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 June 28, 2025



Source: WHO FluID, accessed July 1, 2025 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-outputs>)

# Zoonosis





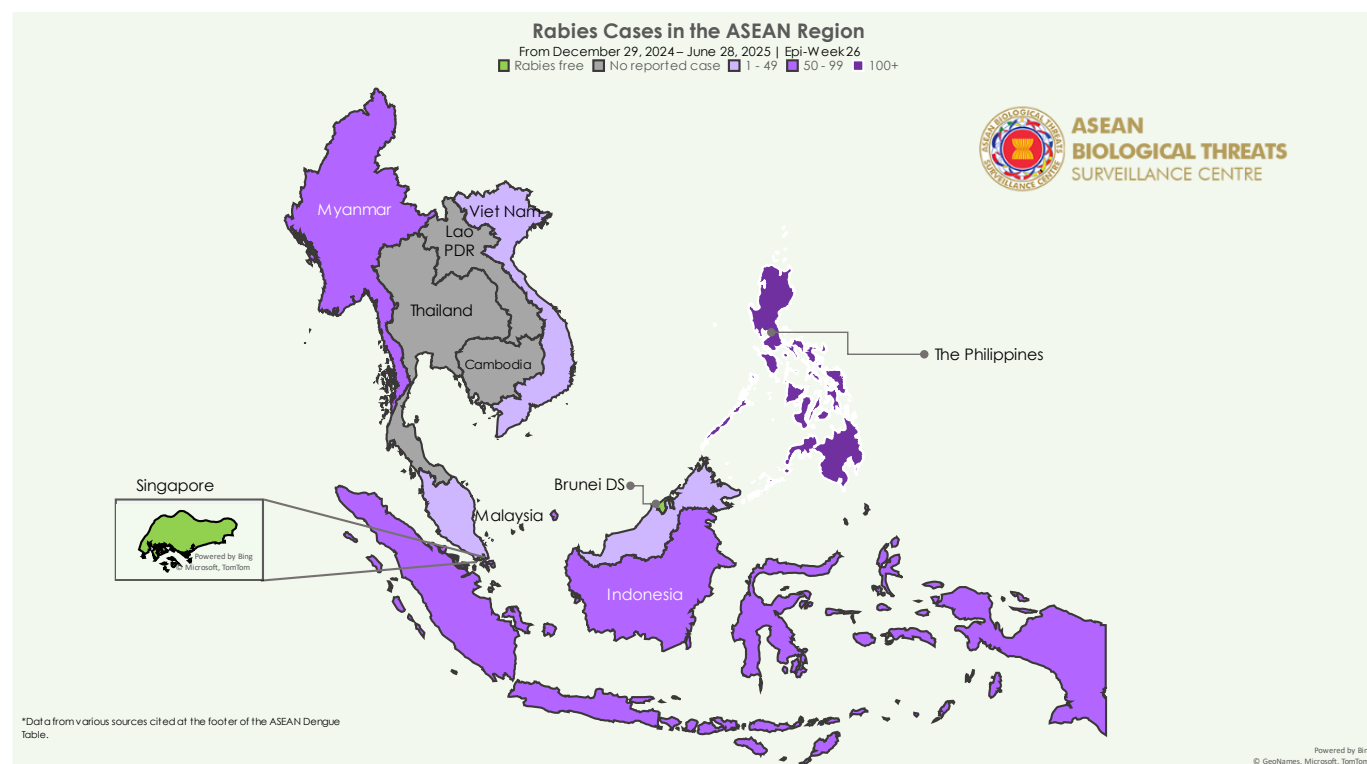
# RABIES

## Rabies Cases in the ASEAN Region

From December 29, 2024 to June 28, 2025 (Epi-Week 26, 2025)

### Key Findings

- The **ASEAN** region reported **12** new rabies cases in Epiweek 26, 2025.
- Up to June 28, 2025, the region reported **295** total cases with **100%** CFR.



## Rabies cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
<b>Brunei Darussalam</b>			<b>Rabies-free country</b>		
<b>Cambodia</b>	-	-	-	-	-
<b>Indonesia<sup>1</sup></b>	Week 26	77	11	77	100%
<b>Lao PDR</b>	-	-	-	-	-
<b>Malaysia<sup>2</sup></b>	Week 23	1	-	1	100%
<b>Myanmar<sup>3</sup></b>	Week 24	59	1	59	100%
<b>Philippines<sup>2</sup></b>	Week 22	124	-	124	100%
<b>Singapore</b>			<b>Rabies-free country</b>		
<b>Thailand</b>	-	-	-	-	-
<b>Viet Nam<sup>2</sup></b>	Week 23	34	-	34	100%
<b>Total</b>		<b>295</b>	<b>12</b>	<b>295</b>	<b>100%</b>

Source:

- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed July 1, 2025 (<https://portal.bluedot.global/>)
- Department of Public Health, Ministry of Health, Myanmar

# Vector-Borne Diseases





# DENGUE

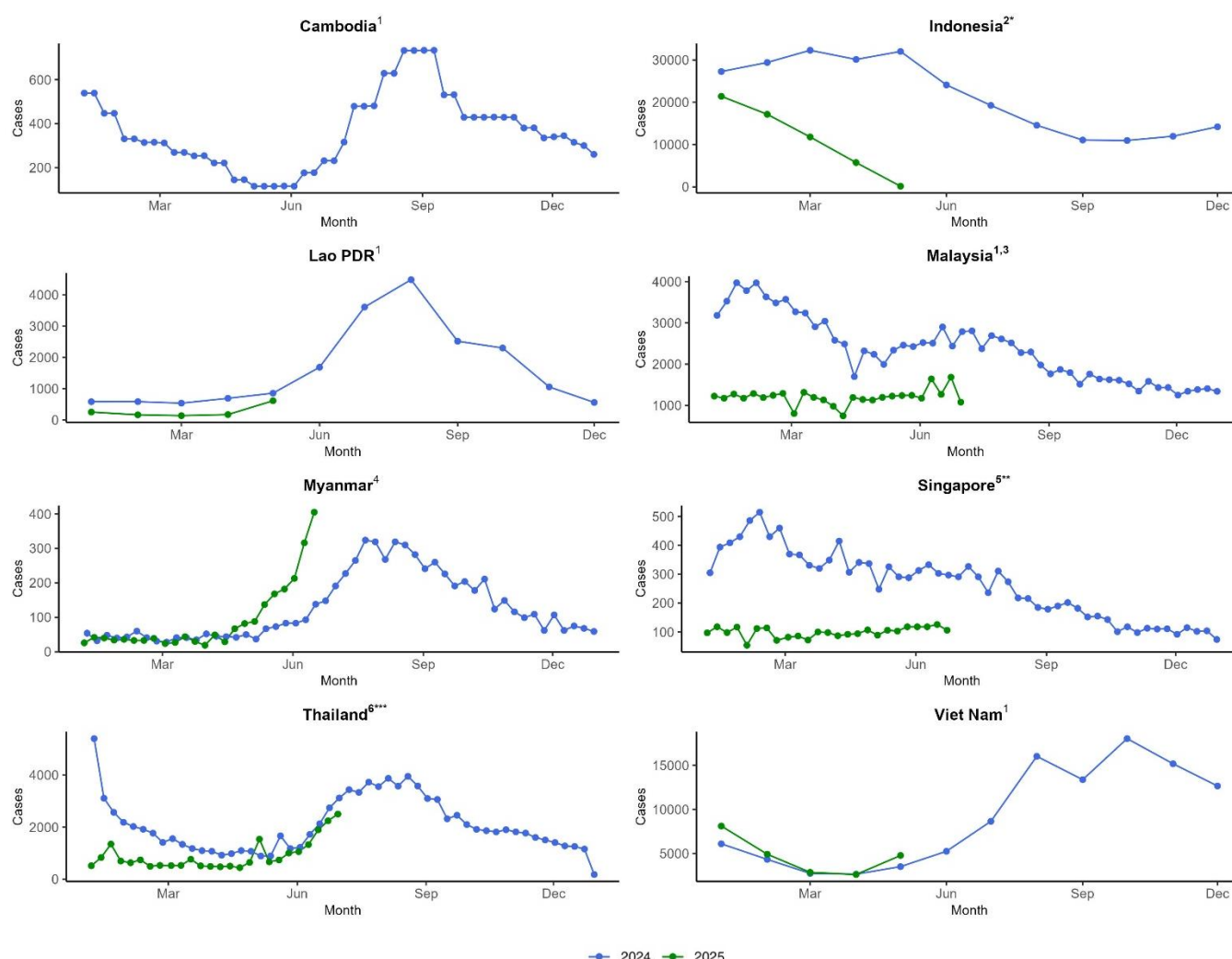
## Dengue Cases in the ASEAN Region

From December 29, 2024 to June 28, 2025 (Epi-Week 26, 2025)

### Key Findings

- The **ASEAN** region reported **9,631** new dengue cases in Epiweek 26, 2025.
- Up to June 28, 2025, the region reported **140,353** total cases and **251** 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. Viet Nam showing higher trend of cases compared to previous year. While 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 July 1, 2025 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
- Ministry of Health, Republic of Indonesia
- Senarai Kenyataan Akhbar Demam Denggi dan Chikungunya, Kementerian Kesihatan Malaysia, accessed July 1, 2025 ([https://www.moh.gov.my/index.php/database\\_stores/store\\_view/17](https://www.moh.gov.my/index.php/database_stores/store_view/17))
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health. "Weekly Infectious Disease Bulletin", accessed July 1, 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 July 1, 2025, ([https://dvis3.ddc.moph.go.th/DDC\\_CENTER\\_DOE/views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y](https://dvis3.ddc.moph.go.th/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

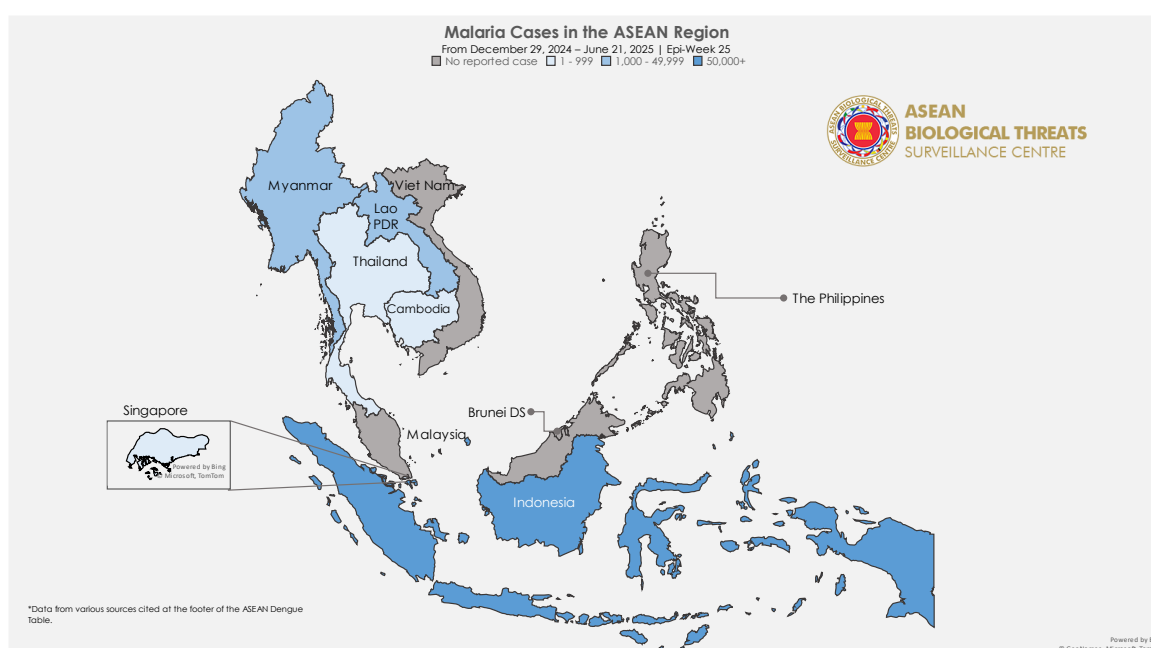
# MALARIA

## Malaria Cases in the ASEAN Region

From December 29, 2024 to June 28, 2025 (Epi-Week 26, 2025)

### Key Findings

- The **ASEAN** region reported **20,866** new malaria cases in Epiweek 26, 2025.
- Up to June 28, 2025, the region reported **341,298** total cases and **71** 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
<b>Brunei Darussalam</b>	-	-	-	-	-
<b>Cambodia<sup>1</sup></b>	Week 26	285	0	0	0.00%
<b>Indonesia<sup>2</sup></b>	Week 26	297,195	17,820	65	0.02%
<b>Lao PDR<sup>3</sup></b>	Week 26	2,614	365	0	0.00%
<b>Malaysia</b>	-	-	-	-	-
<b>Myanmar<sup>4</sup></b>	Week 24	38,821	2,546	4	0.01%
<b>Philippines</b>	-	-	-	-	-
<b>Singapore<sup>5</sup></b>	Week 25	15	0	0	0.00%
<b>Thailand<sup>6</sup></b>	Week 26	2,368	135	2	0.08%
<b>Viet Nam</b>	-	-	-	-	-
<b>Total</b>		<b>341,298</b>	<b>20,866</b>	<b>71</b>	<b>0.02%</b>

Source:

- Cambodia National Malaria Center, accessed July 1, 2025 (<https://mis.cnm.gov.kh/Dashboard>)
- Malaria Cases in Indonesia, accessed July 1, 2025 (<https://malaria.kemkes.go.id/case>)
- Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed July 1, 2025 (<https://www.facebook.com/CCEH.MoH.Lao/>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health Singapore, accessed July 1, 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 July 1, 2025 ([https://dvis3.ddc.moph.go.th/DDC\\_CENTER\\_DOE/views/DDS2/sheet337%3Aembed=y&%3AisGuestRedirectFromVizportal=y](https://dvis3.ddc.moph.go.th/DDC_CENTER_DOE/views/DDS2/sheet337%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 yellowish liquid from the vial into the syringe. The syringe has a scale with numbers 1, 2, 3, 4, and 5. The background is a soft-focus clinical setting.

# MEASLES

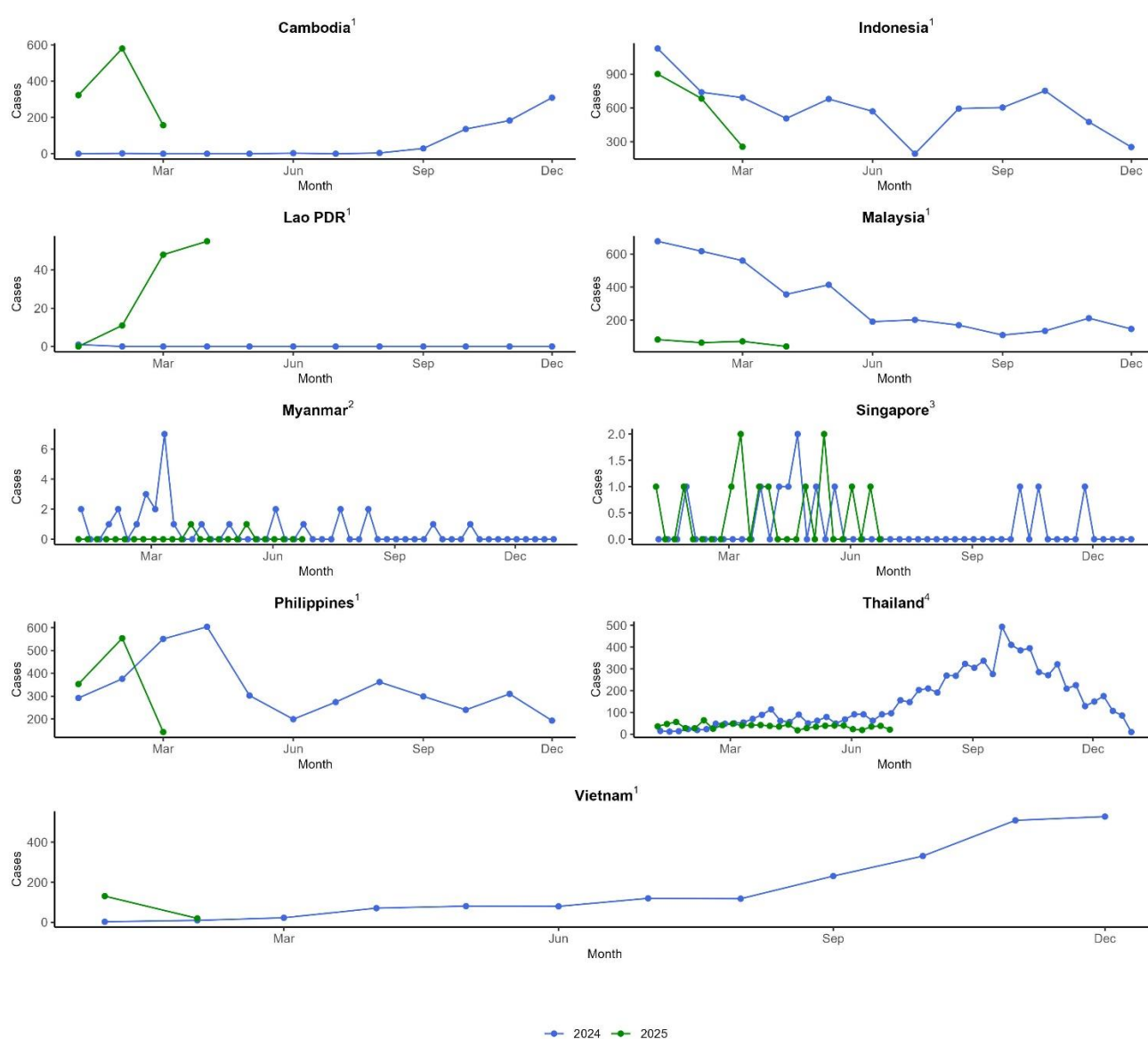
## Measles Cases in the ASEAN Region

From December 29, 2024 to June 28, 2025 (Epi-Week 26, 2025)

### Key Findings

- The **ASEAN** region reported **21** new measles cases in Epiweek 26, 2025.
- Up to June 28, 2025, the region reported **5,448** 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 July 1, 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 July 1, 2025 (<https://www.moh.gov.sg/others/resources-and-statistics/infectious-disease-statistics-2025-weekly-infectious-diseases-bulletin>)
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