



ASEAN
BIOLOGICAL THREATS
SURVEILLANCE CENTRE

Morbidity and Mortality Weekly Report (MMWR)

Infectious & Emerging Diseases
in the ASEAN Region

With Support by:



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Prevention Agency



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Kemenkes



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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



MPOX

Mpox Cases Reported in the ASEAN Region

January 1, 2023 – January 3, 2026



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 January 6, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed January 6, 2026, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

Key Findings

- From 1 January 2023 to 3 January 2026, **88,755** confirmed cases worldwide since 2023, including **423** deaths. Globally, the CFR was **0.48 %**.
- 1,758 confirmed cases** including **30 deaths** in the **ASEAN** region, with a CFR of **1.71%**.
- 86,997 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 Jan. 3, 2026)

| ASEAN Member States | Cumulative Cases 2023-2026 | New Cases Since Previous Report | Cumulative Deaths 2023-2026 | 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 | 24 | 0 | 0 | 0 | 0.00% |
| Philippines³ | 346 | 0 | 8 | 0 | 2.31% |
| Singapore⁴ | 72 | 1 | 0 | 0 | 0.00% |
| Thailand³ | 999 | 0 | 13 | 0 | 1.30% |
| Vietnam³ | 209 | 0 | 9 | 0 | 4.31% |
| ASEAN Total | 1,758 | 1 | 30 | 0 | 1.71% |

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 January 6, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed January 6, 2026, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

Top 5 countries with the most mpox cases globally (Jan. 1, 2023 to Jan. 3, 2026)

| Country | Cumulative Cases | New Cases Since Previous Report | Cumulative Deaths | CFR |
|------------------------------|------------------|---------------------------------|-------------------|-------|
| Democratic Republic of Congo | 32,368 | 14 | 80 | 0.25% |
| Uganda | 8,406 | 0 | 51 | 0.61% |
| United States of America | 6,464 | 0 | 10 | 0.15% |
| Sierra Leone | 5,442 | 0 | 60 | 1.10% |
| Burundi | 4,596 | 0 | 1 | 0.02% |

Source: WHO Mpox Outbreak: Global Trends, accessed January 6, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)

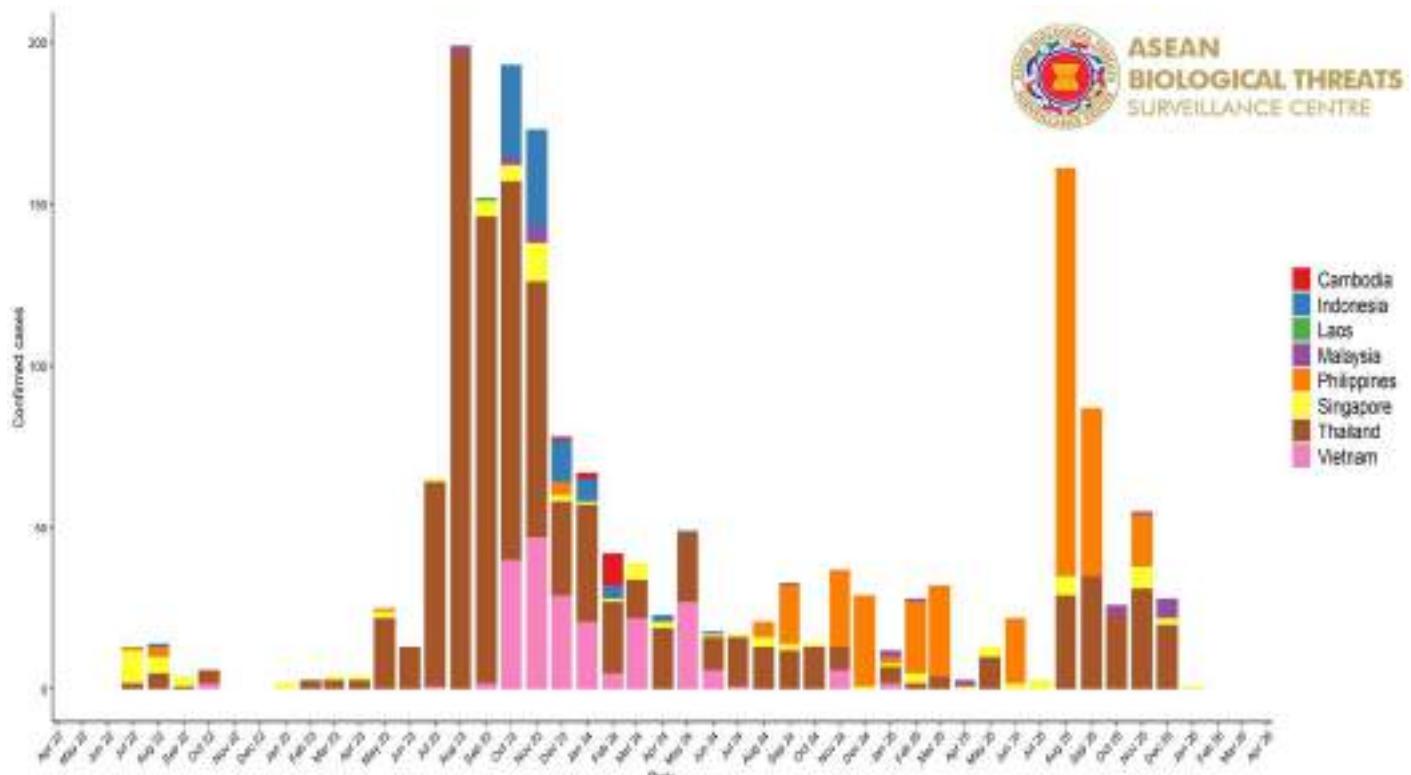
Mpox cases per region (Jan. 1, 2023 to Jan. 3, 2026)

| REGIONS | CUMULATIVE CASES 2023-2025 | NEW CASES SINCE THE PREVIOUS REPORT | CUMULATIVE DEATHS | CFR |
|----------------|----------------------------|-------------------------------------|-------------------|--------------|
| AFRICA | 58,177 | 0 | 252 | 0.43% |
| AMERICAS | 14,405 | 0 | 102 | 0.71% |
| ASEAN | 1,758 | 1 | 30 | 1.71% |
| ASIA & OCEANIA | 8,751 | 0 | 34 | 0.39% |
| EUROPE | 5,664 | 0 | 5 | 0.09% |
| TOTAL | 88,755 | 1 | 423 | 0.48% |

Source: WHO Mpox Outbreak: Global Trends, accessed January 6, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)

Trend of Mpox Confirmed Cases in the ASEAN Region

January 1, 2022 to January 3, 2026

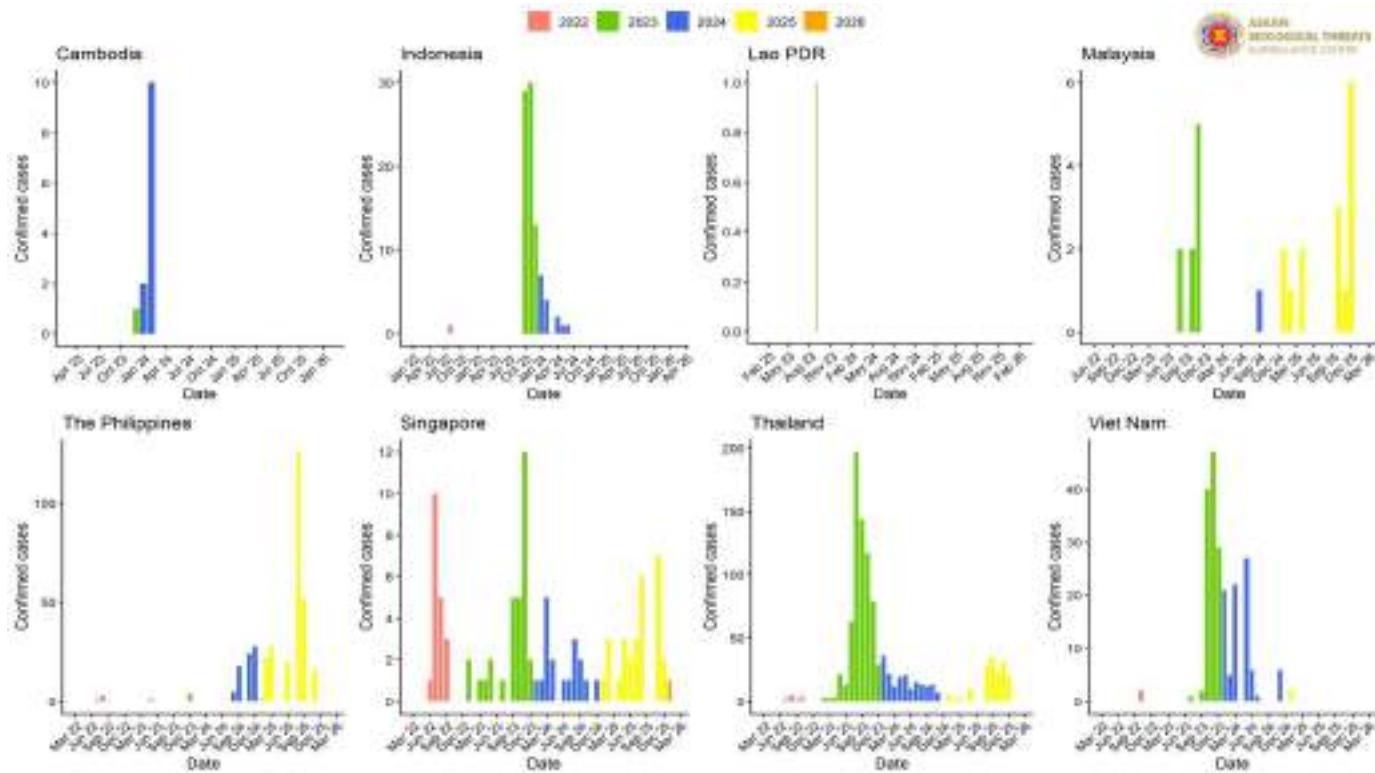


Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia (<https://infeksiemerging.kemkes.go.id>)
3. WHO Mpox Outbreak: Global Trends, accessed January 6, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed January 6, 2026, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

Trend of Mpox Confirmed Cases among ASEAN Member States

January 1, 2022 to January 3, 2026

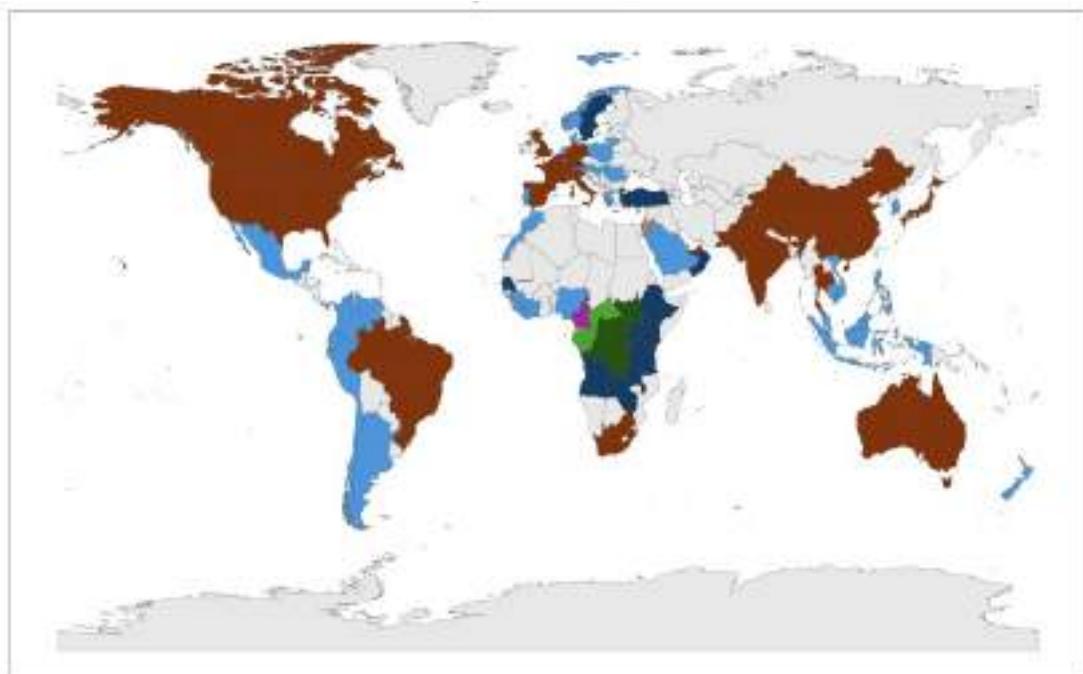


Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia (<https://infeksiemerging.kemkes.go.id>)
3. WHO Mpox Outbreak: Global Trends, accessed January 6, 2026 (https://worldhealth.org/shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed January 6, 2026, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

Distribution of Mpox Variants in The Global

As of January 3, 2026



- Clade Ia
- Clade Ib and II
- Clade II
- Clade Ia and II
- Clade Ia and II
- Clade Ib
- Unconfirmed clade

Source: GISAID and WHO

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

As of January 3, 2026



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 January 6, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed January 6, 2026, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

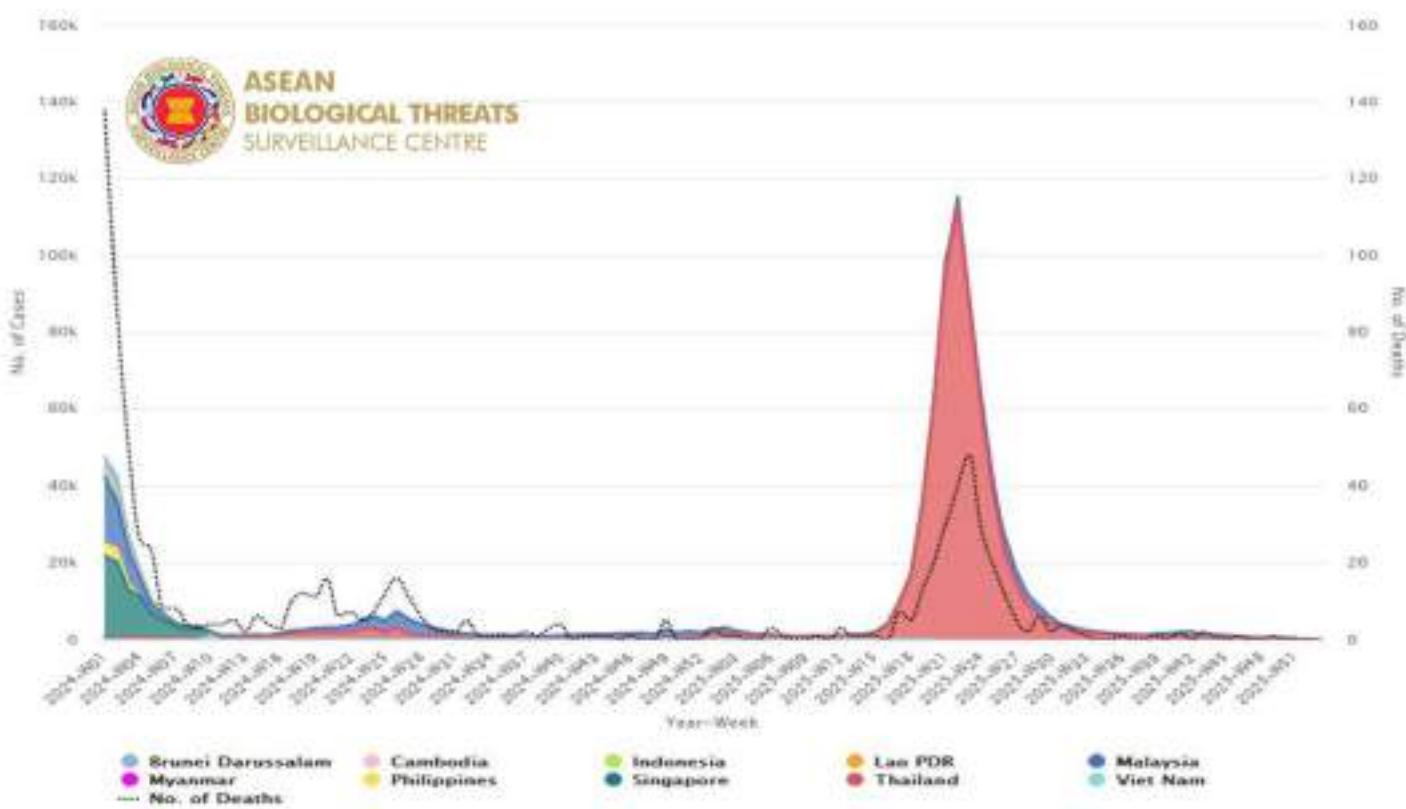
COVID-19

Key Findings

- As of 3 January 2026 (5PM, GMT+7), there were **778,874,184** confirmed cases **worldwide**, including **7,102,844 deaths**. Globally, the Case Fatality Rate (CFR) was **0.91%**.
- 37,763,128 total confirmed cases** of COVID-19 have been reported in the **ASEAN Region**.
- The CFR in the **ASEAN Region** was **0.98%**.
- In December 2025, the latest collection 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, Thailand, and Viet Nam were still dominated by **NB.1.8.1** variant. Additionally, Singapore was dominated by **XFG+XFG***.

ASEAN Weekly COVID-19 Cases and Deaths

From January 1, 2024 to January 3, 2026

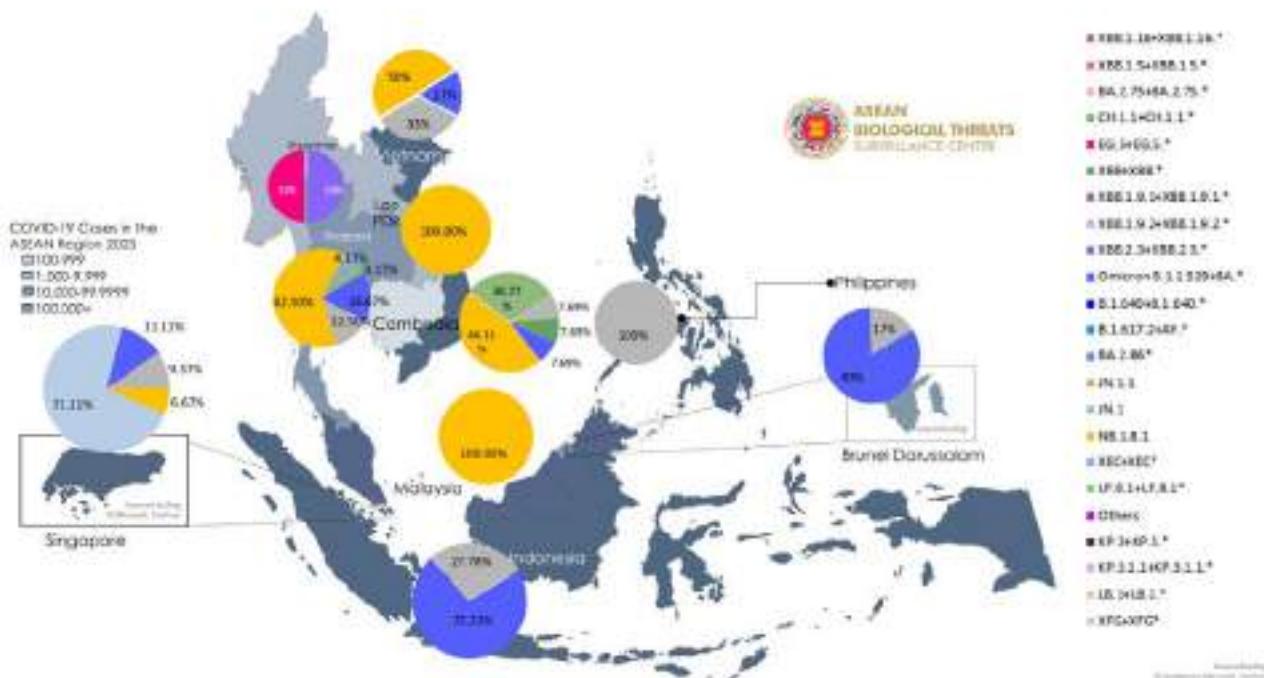


Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), MOH Myanmar, [MOH Malaysia](#), and [WHO](#) accessed on January 6, 2026

- 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 53.
- 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 December 2025

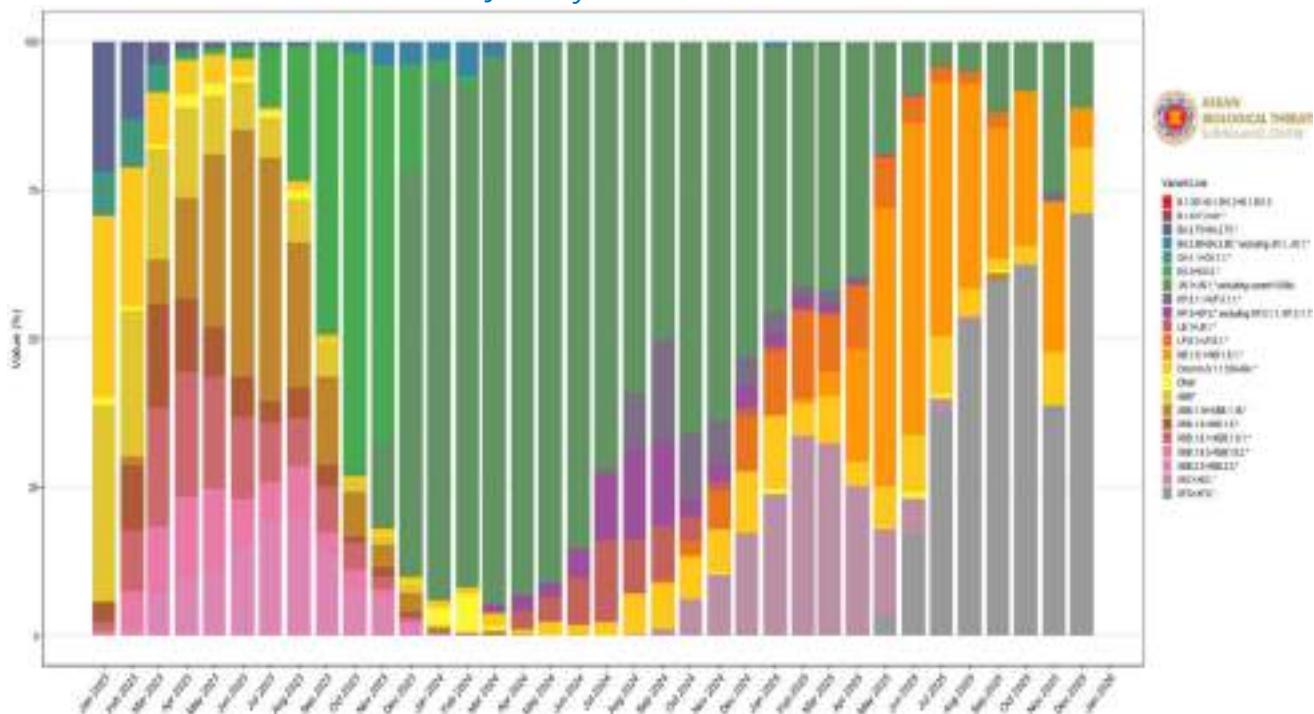


Source: GISAID. "hCoV-19 Variants Dashboard," accessed January 6, 2026, <https://gisaid.org/hcov-19-variants-dashboard/>.

In December 2025, the latest collection 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, Thailand, and Viet Nam were still dominated by **NB.1.8.1** variant. Additionally, Singapore was dominated by **XFG+XFG***.

COVID-19 Variants Frequencies in the ASEAN Region

From January 2023 to December 2025



Source: GISAID. "hCoV-19 Variants Dashboard," accessed January 6, 2026, <https://gisaid.org/hcov-19-variants-dashboard/>.

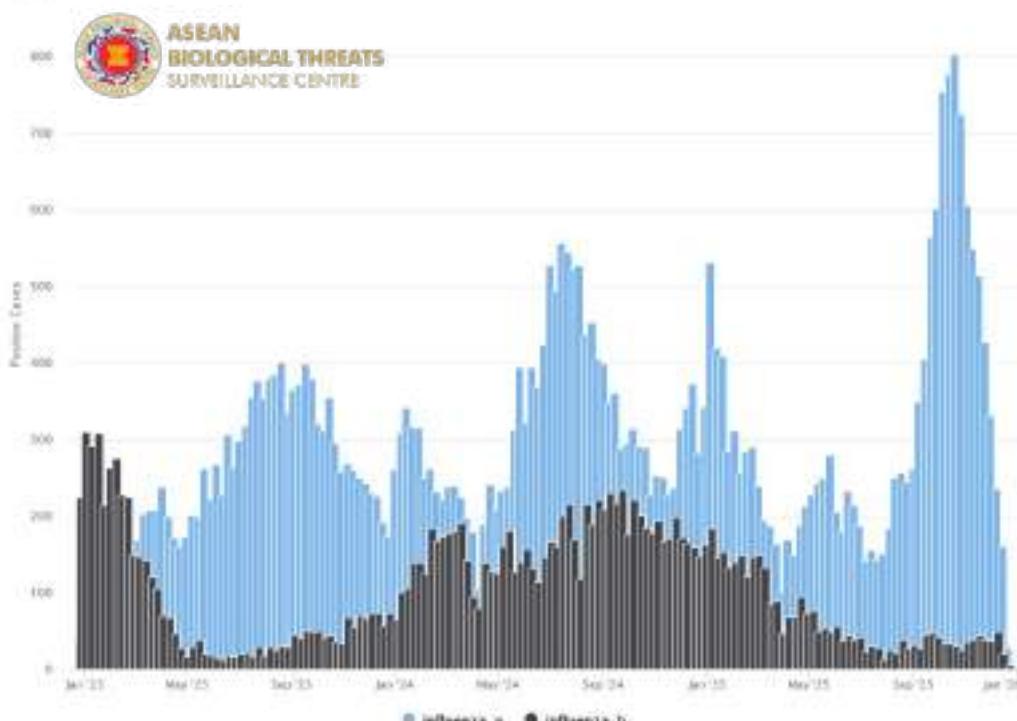
INFLUENZA

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

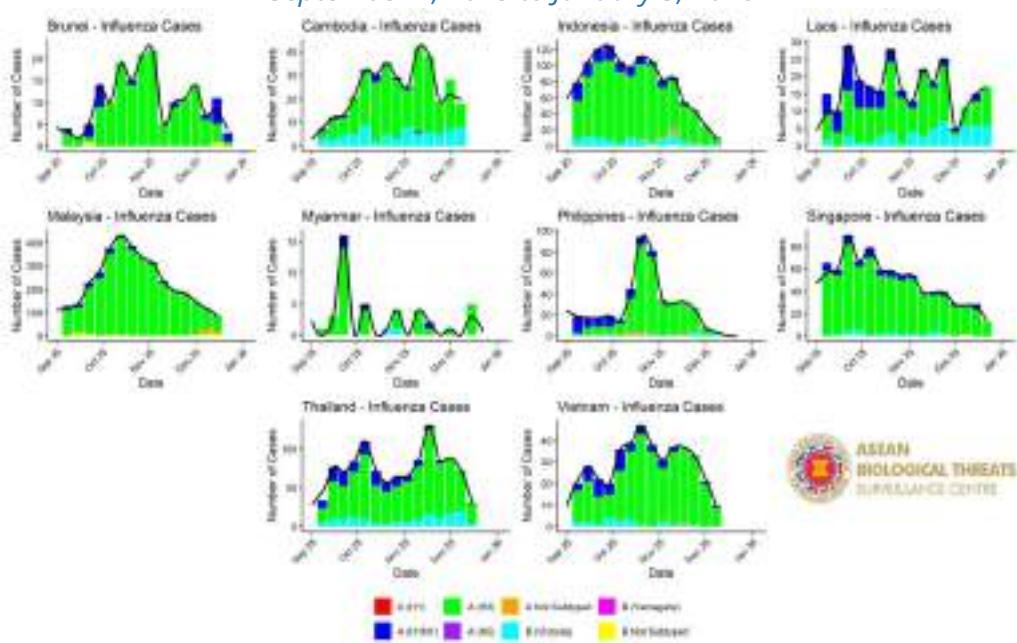
From January 1, 2023 to January 3, 2026



Source: WHO FluNet, accessed on January 6, 2026 (<https://www.who.int/tools/flunet>)

Trend of Influenza Cases among ASEAN Member States

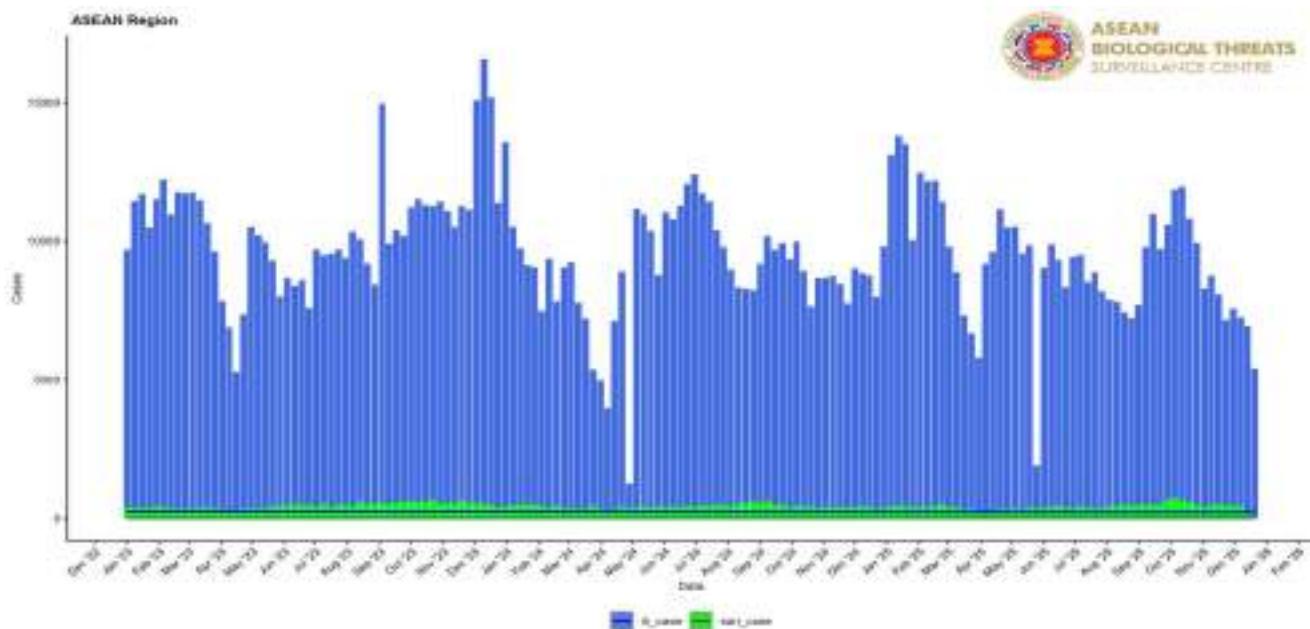
September 1, 2025 to January 3, 2026



Source: WHO FluNet, accessed on January 6, 2026 (<https://www.who.int/tools/flunet>)

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

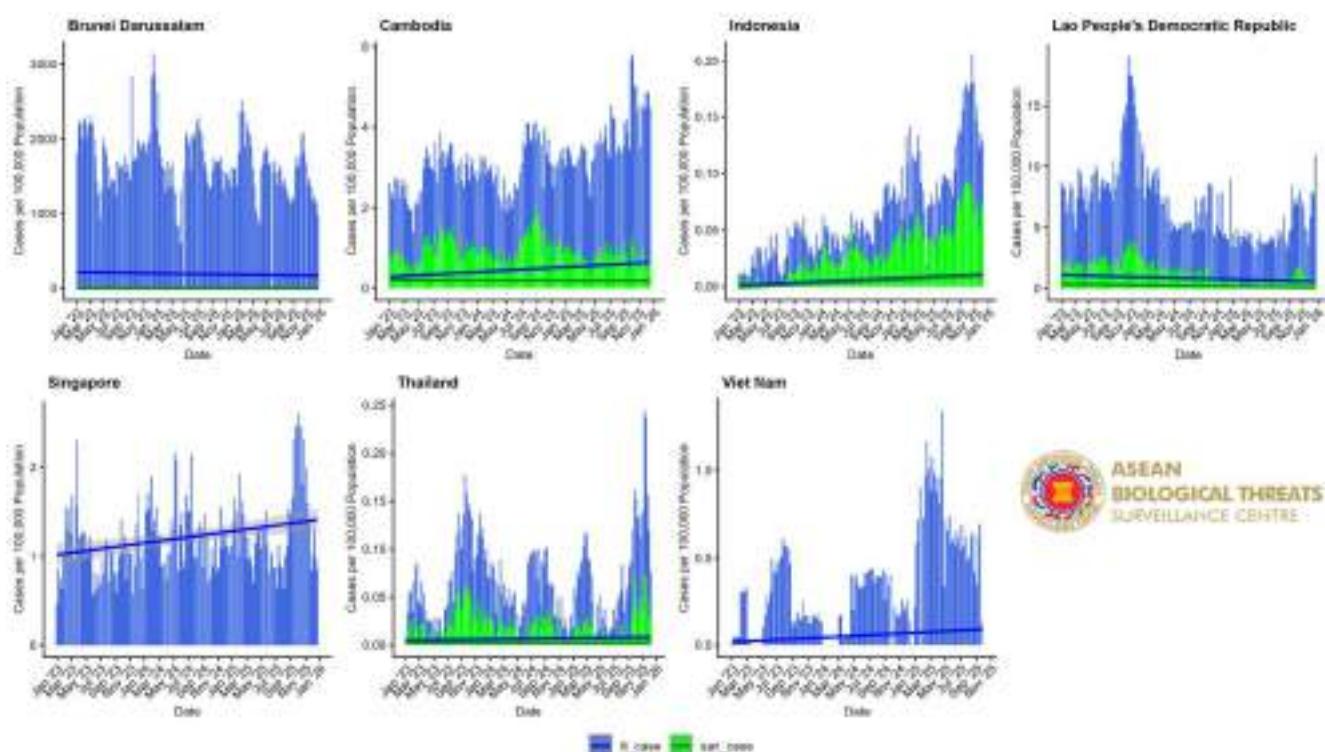
January 1, 2023 to January 3, 2026



Source: WHO FluID, accessed January 6, 2026 (<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 January 3, 2026



Source: WHO FluID, accessed January 6, 2026 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-outputs>)

Zoonosis



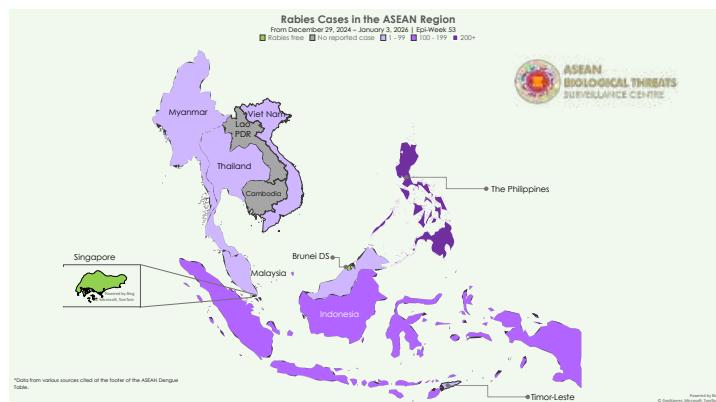
RABIES

Rabies Cases in the ASEAN Region

From December 29, 2024 to January 3, 2026 (Epi-Week 53, 2025)

Key Findings

- The ASEAN region reported **one** new rabies case in Epi-week 53, 2025.
- Up to January 3, 2026, the region reported **572** 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 | | | | | |
| Cambodia | - | - | - | - | - |
| Indonesia¹ | Week 48 | 146 | - | 146 | 100% |
| Lao PDR | - | - | - | - | - |
| Malaysia² | Week 44 | 6 | - | 6 | 100% |
| Myanmar³ | Week 52 | 112 | 0 | 112 | 100% |
| Philippines² | Week 31 | 211 | - | 211 | 100% |
| Singapore | | | Rabies-free country | | |
| Thailand² | Week 29 | 7 | - | 7 | 100% |
| Timor-Leste² | Week 45 | 21 | - | 21 | |
| Viet Nam² | Week 53 | 69 | 1 | 69 | 100% |
| Total | | 572 | 1 | 572 | 100% |

Source:

- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed January 6, 2026 (<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 | | | | | |
| Cambodia | Week 11 | 1 | - | 1 | 100% |
| Indonesia | - | - | - | - | - |
| Lao PDR | - | - | - | - | - |
| Malaysia | Week 45 | 48 | - | 48 | 100% |
| Myanmar | Week 30 | 2 | - | 2 | 100% |
| Philippines | Week 43 | 32 | - | 32 | 100% |
| Singapore | | | Rabies-free country | | |
| Thailand | Week 50 | 252 | - | 252 | 100% |
| Timor-Leste | Week 47 | 50 | - | 50 | 100% |
| Viet Nam | - | - | - | - | - |
| Total | | 385 | 0 | 385 | 100% |

Source: World Organization for Animal Health (WOAH), accessed January 6, 2026 (<https://wahis.woah.org/#/event-management>)

Vector-Borne Diseases





DENGUE

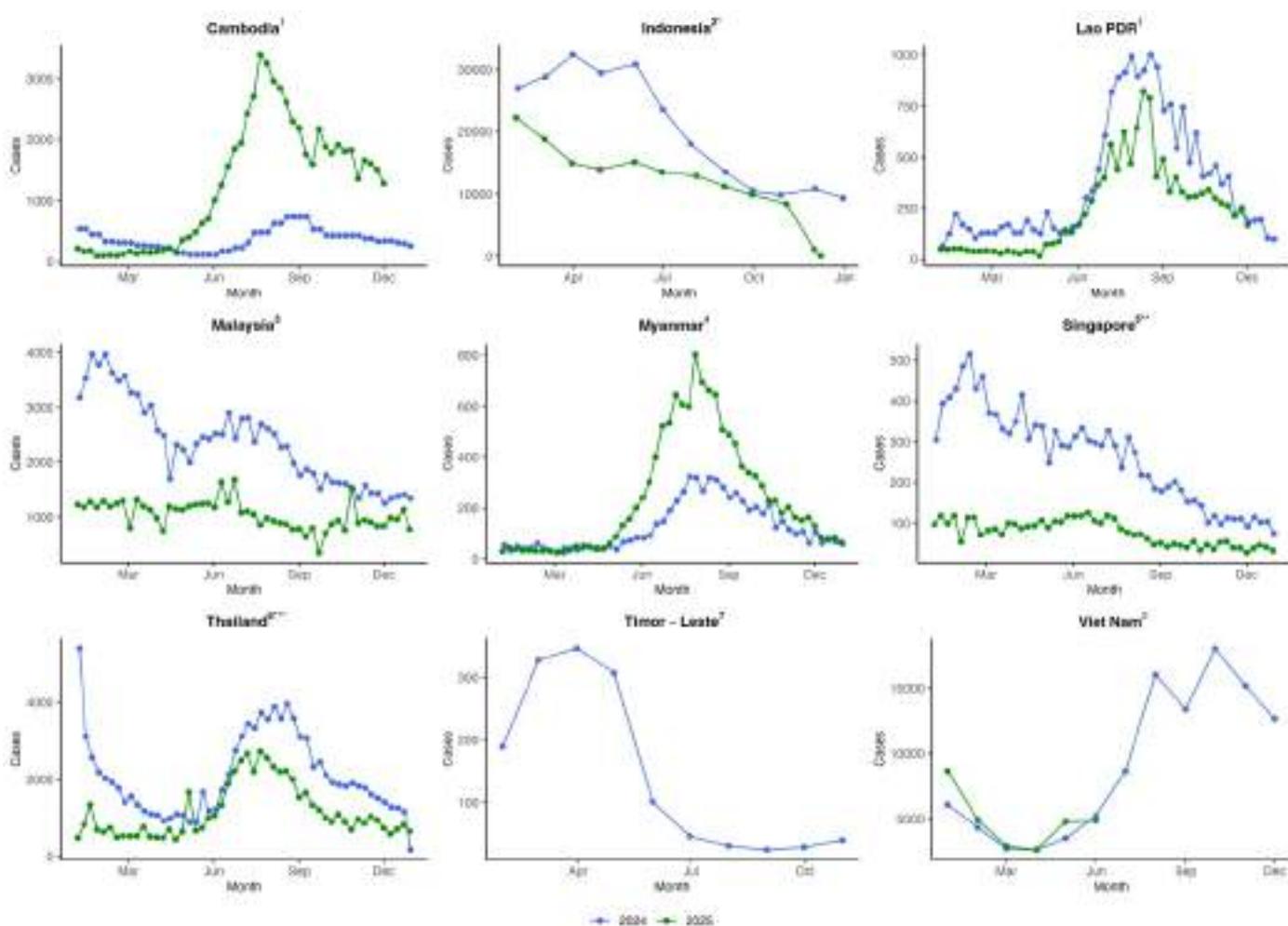
Dengue Cases in the ASEAN Region

From December 29, 2024 to January 3, 2026 (Epi-Week 53, 2025)

Key Findings

- The ASEAN region reported **391** new dengue cases in Epi-week 53, 2025.
- Up to January 3, 2026, the region reported **512,928** total cases and **843** total deaths with **0.16% 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 January 6, 2026 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
- WHO Global Dengue Surveillance, accessed January 6, 2026 (https://worldhealthorg.shinyapps.io/dengue_global/)
- Portal Rasmi iDengue untuk Komuniti, accessed January 6, 2026 (<https://idengue.mysa.gov.my/>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health. "Weekly Infectious Disease Bulletin", accessed January 6, 2026 . (<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 January 6, 2026 , (https://ddc.moph.go.th/t/DDC_CENTER_DDF/views/DDS2/sheet3?%3Aembed=y&%3AisGuestRedirectFromVizportal=y)
- London School of Hygiene and Tropical Medicine. "OpenDengue Database", accessed January 6, 2026 (<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



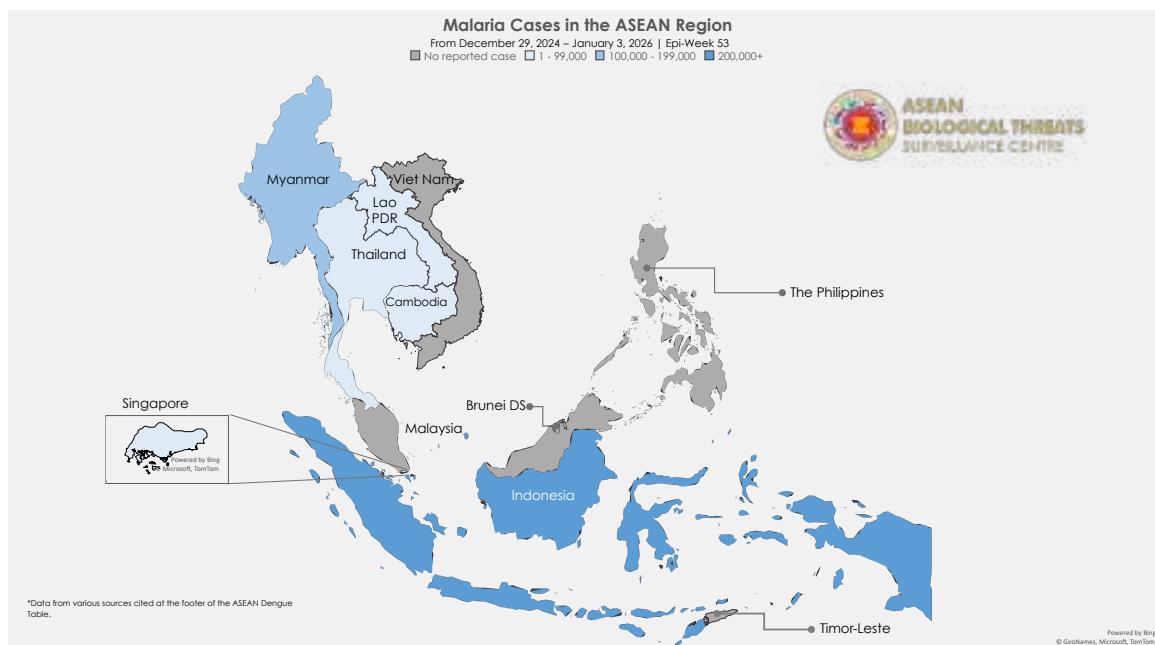
MALARIA

Malaria Cases in the ASEAN Region

From December 29, 2024 to January 3, 2026 (Epi-Week 53, 2025)

Key Findings

- The **ASEAN** region reported **14,277** new malaria cases in Epi-week 53, 2025.
- Up to January 3, 2026, the region reported **842,333** total cases and **108** 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 53 | 107 | 0 | 0 | 0.00% |
| Indonesia² | Week 53 | 690,285 | 8,159 | 100 | 0.01% |
| Lao PDR | - | - | - | - | - |
| Malaysia | - | - | - | - | - |
| Myanmar³ | Week 48 | 147,944 | 6,101 | 5 | 0.004% |
| Philippines | - | - | - | - | - |
| Singapore⁴ | Week 52 | 35 | 1 | 0 | 0.00% |
| Thailand⁵ | Week 53 | 3,962 | 16 | 3 | 0.08% |
| Timor-Leste | - | - | - | - | - |
| Viet Nam | - | - | - | - | - |
| Total | | 842,333 | 14,277 | 108 | 0.01% |

Source:

1. Cambodia National Malaria Center, accessed January 6, 2026 (<https://mis.cnm.gov.kh/Dashboard>)
2. Malaria Cases in Indonesia, accessed January 6, 2026 (<https://malaria.kemkes.go.id/case>)
3. Department of Public Health, Ministry of Health, Myanmar
4. Ministry of Health Singapore, accessed January 6, 2026 (<https://www.moh.gov.sg/others/resources-and-statistics/infectious-disease-statistics-2025-weekly-infectious-diseases-bulletin>)
5. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed January 6, 2026 (https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOF/views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y)

Vaccine- Preventable Diseases



MEASLES

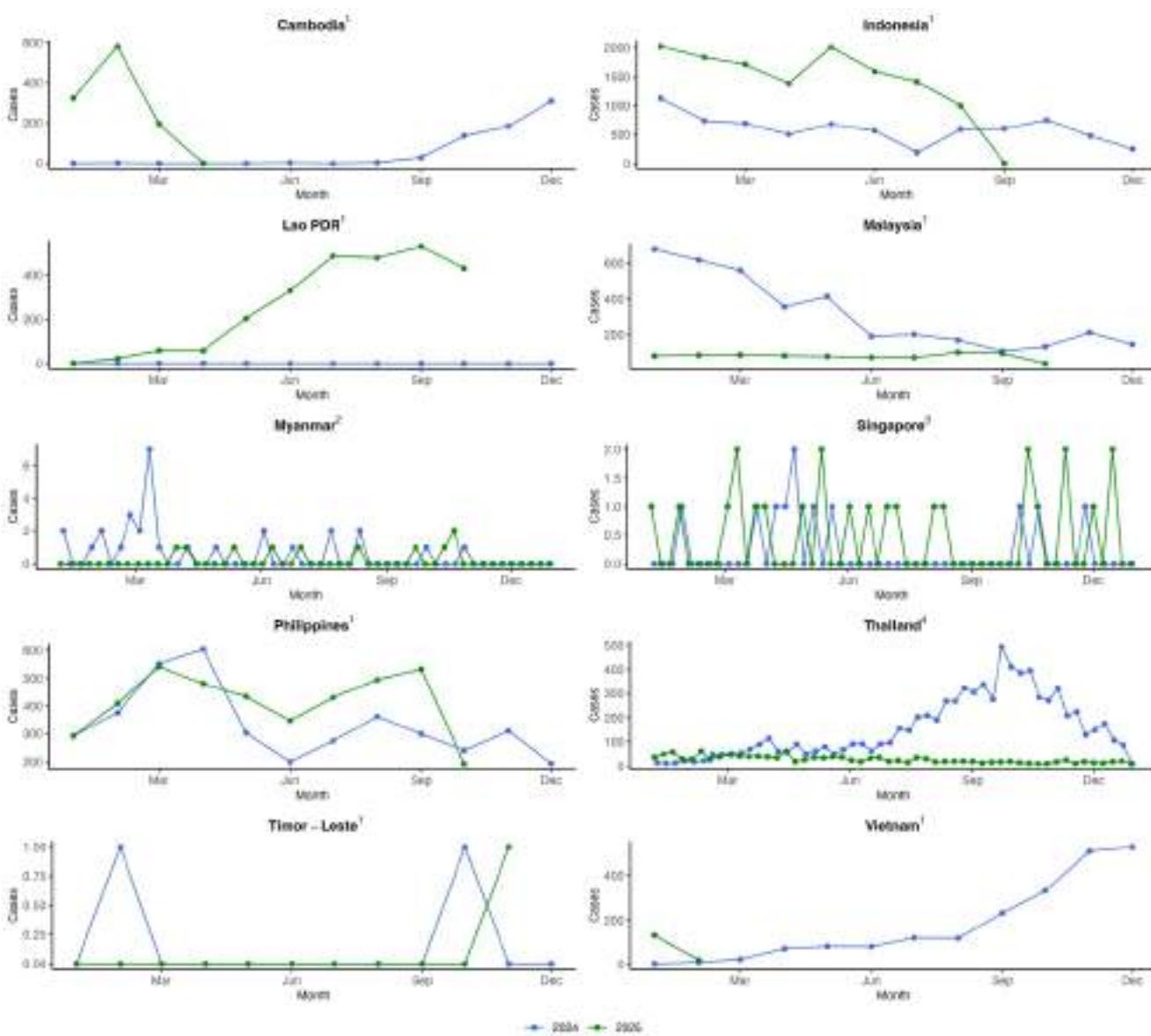
Measles Cases in the ASEAN Region

From December 29, 2024 to January 3, 2026 (Epi-Week 53, 2025)

Key Findings

- The **ASEAN** region reported **25** new measles cases in Epi-week 53, 2025.
- Up to January 3, 2026, the region reported **23,315** 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, however currently showing downward.

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



Source:

- Provisional Measles and Rubella Data, World Health Organization, accessed January 6, 2026 (<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 January 6, 2026 (<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 January 6, 2026 (<http://doe.moph.go.th/surdata/index.php>)



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