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SURVEILLANCE CENTRE

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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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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 small, dark object in their gloved hand. The background is blurred, suggesting an indoor setting.



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%

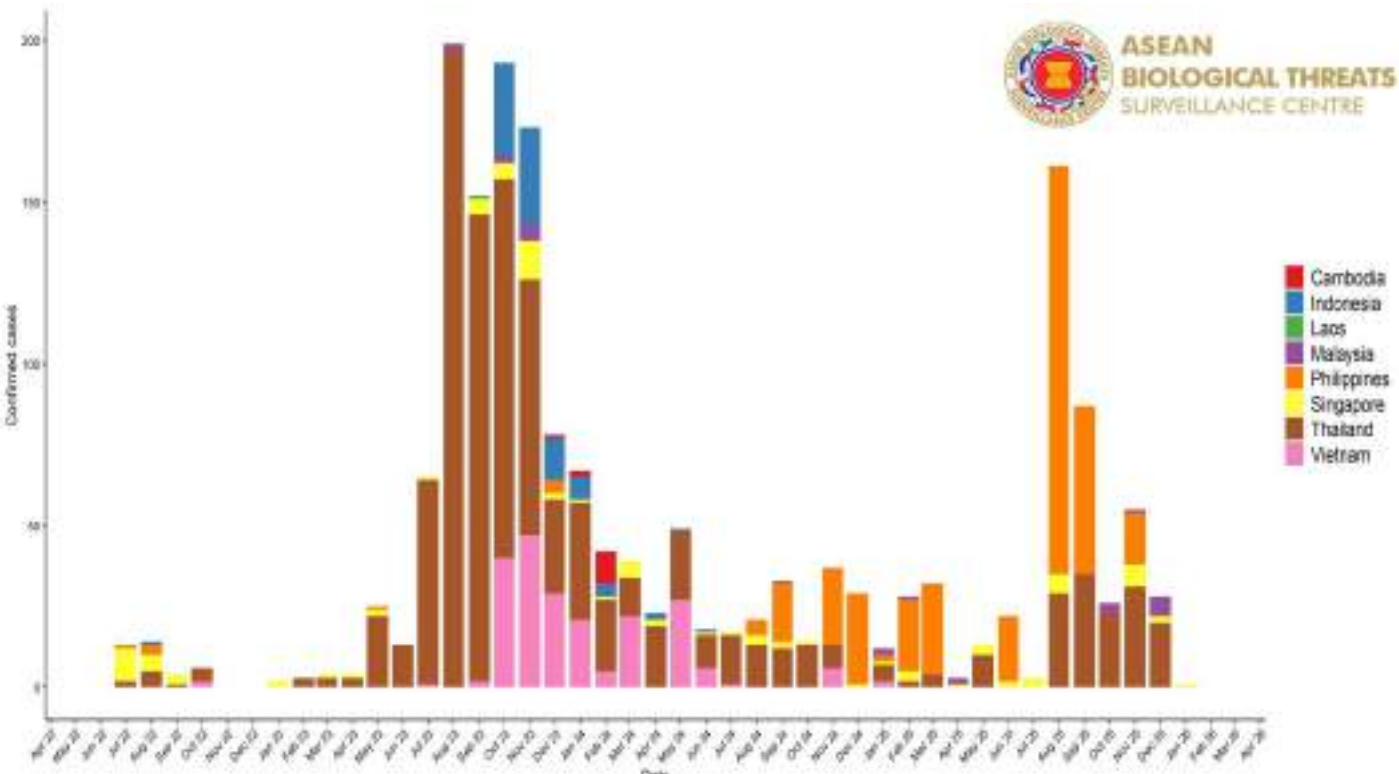
Source: WHO Mpox Outbreak: Global Trends, accessed January 6, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)

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%

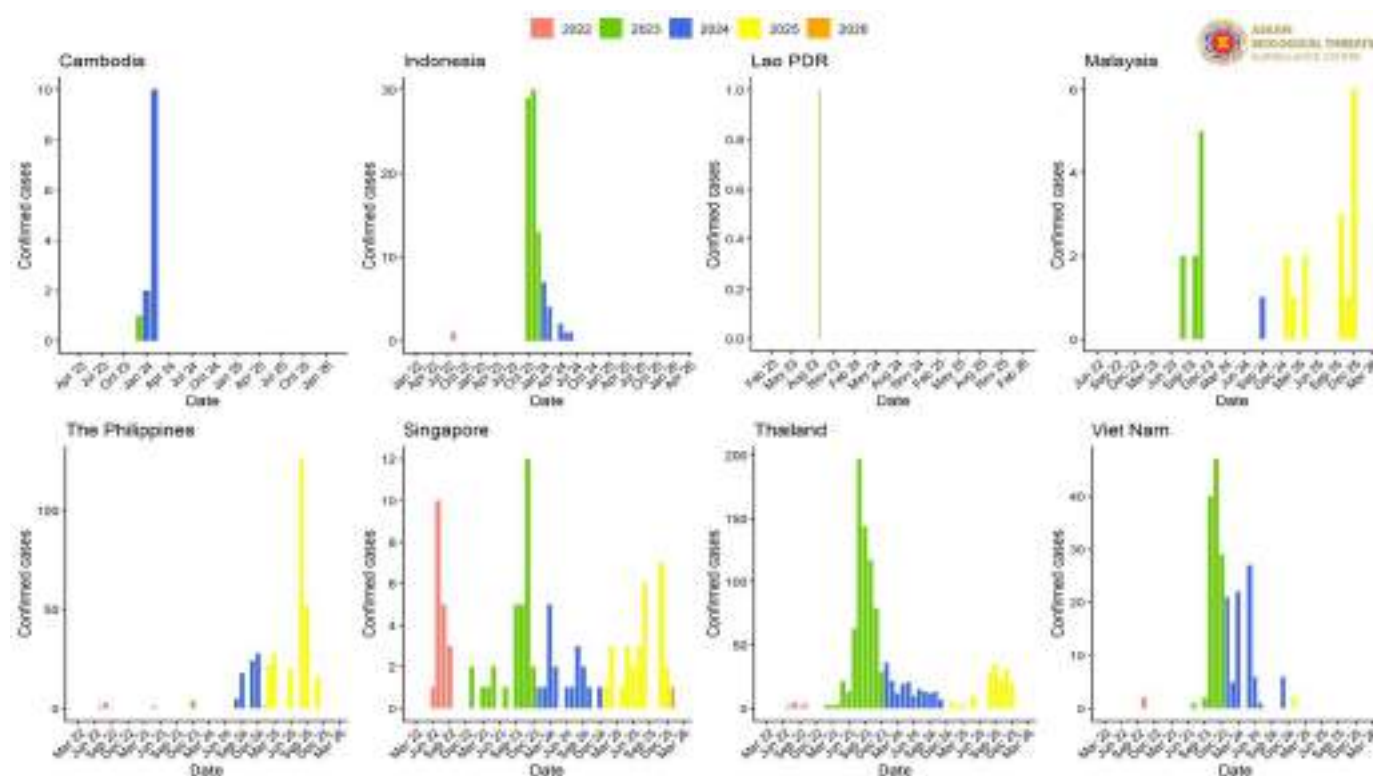
Source: WHO Mpox Outbreak: Global Trends, accessed January 6, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)

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/>

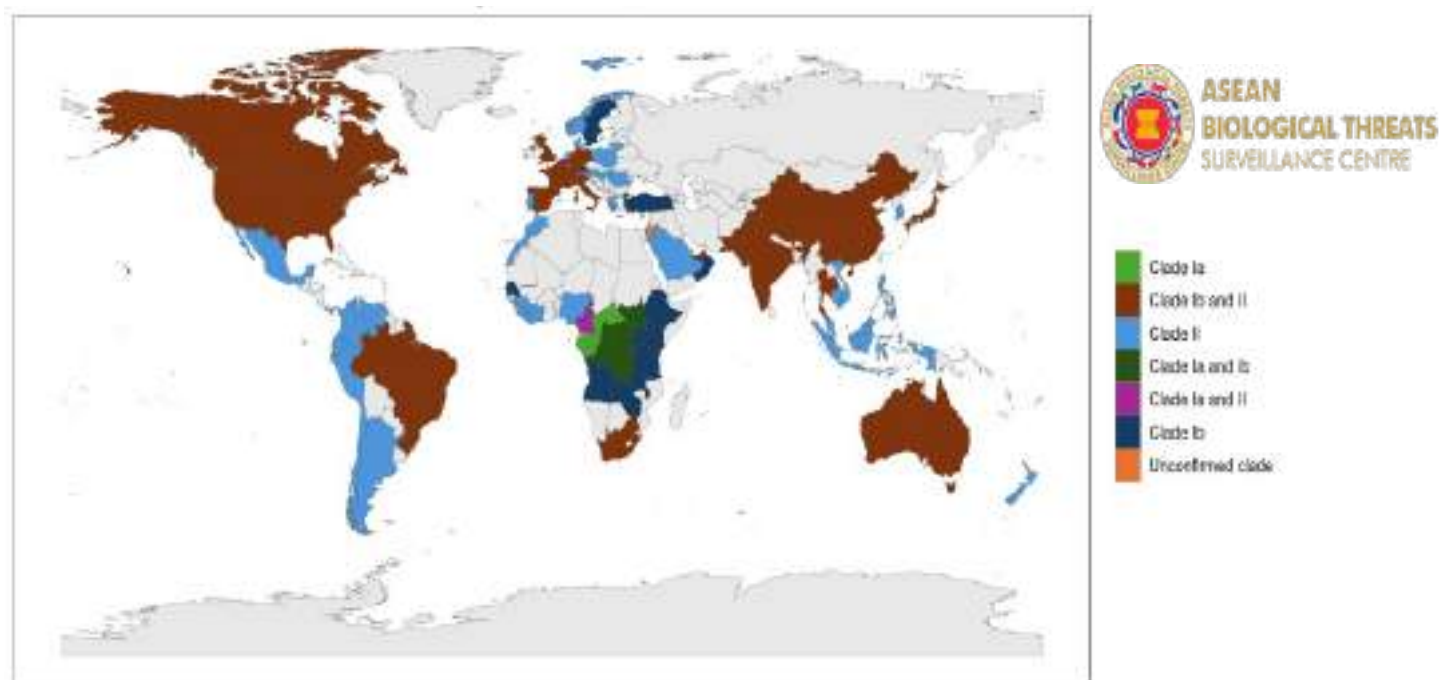
Trend of Mpox Confirmed Cases among ASEAN Member States January 1, 2022 to January 3, 2026



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://worldhealthorg.shinyapps.io/mpox_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



Source: GISAID and WHO

Distribution of Mpox Variant 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/mpox_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed January 6, 2026, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>



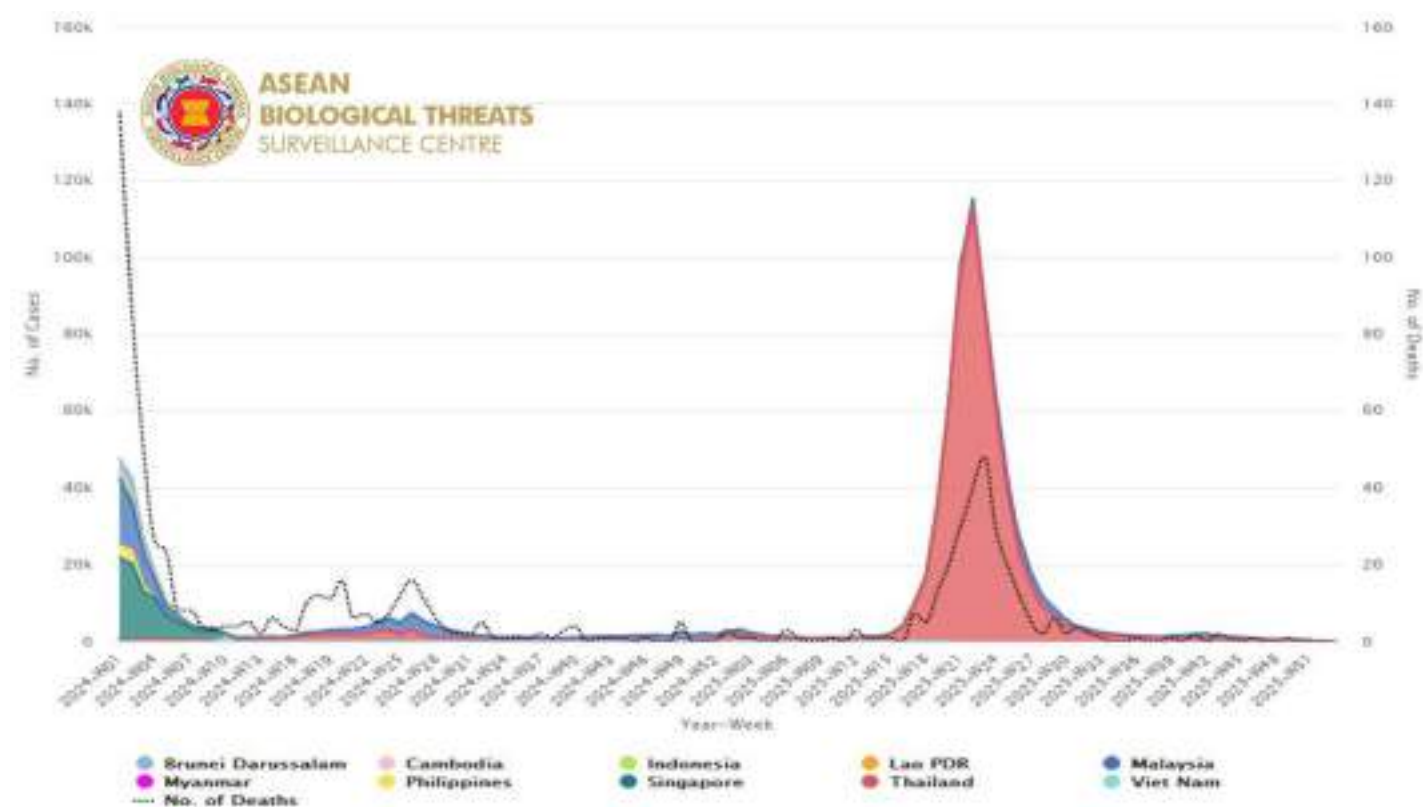
COVID-19

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

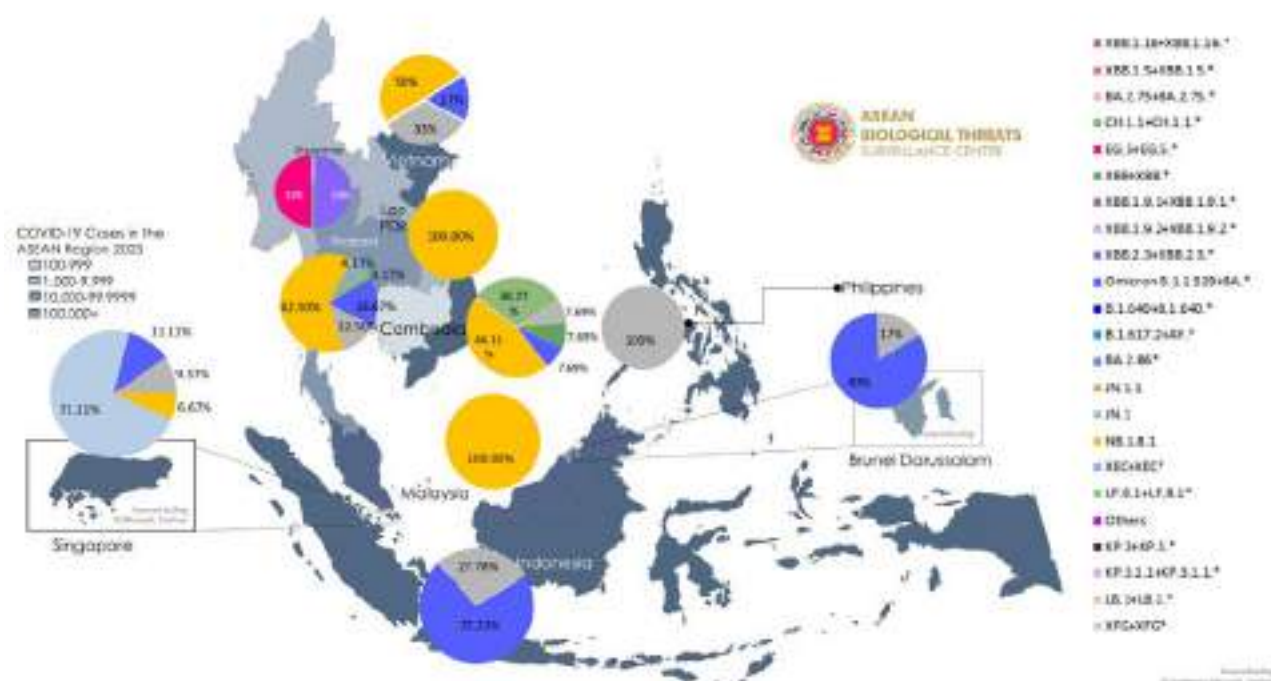


Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), [MOH Myanmar](#), [MOH Malaysia](#), and [WHO](#) accessed on January 6, 2026

- 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

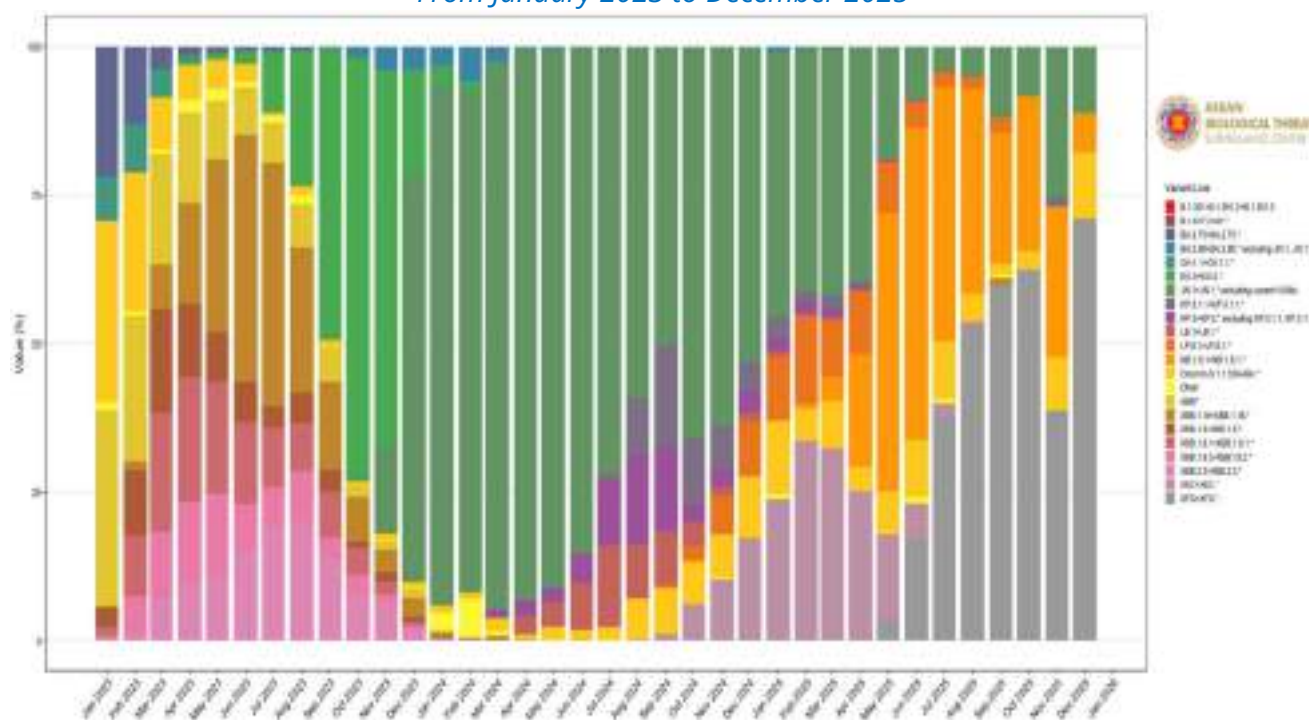


Source: GISAID. "hCoV-19 Variants Dashboard," accessed January 6, 2026, <https://gisaid.org/hcov-19-variants-dashboard/>

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/>



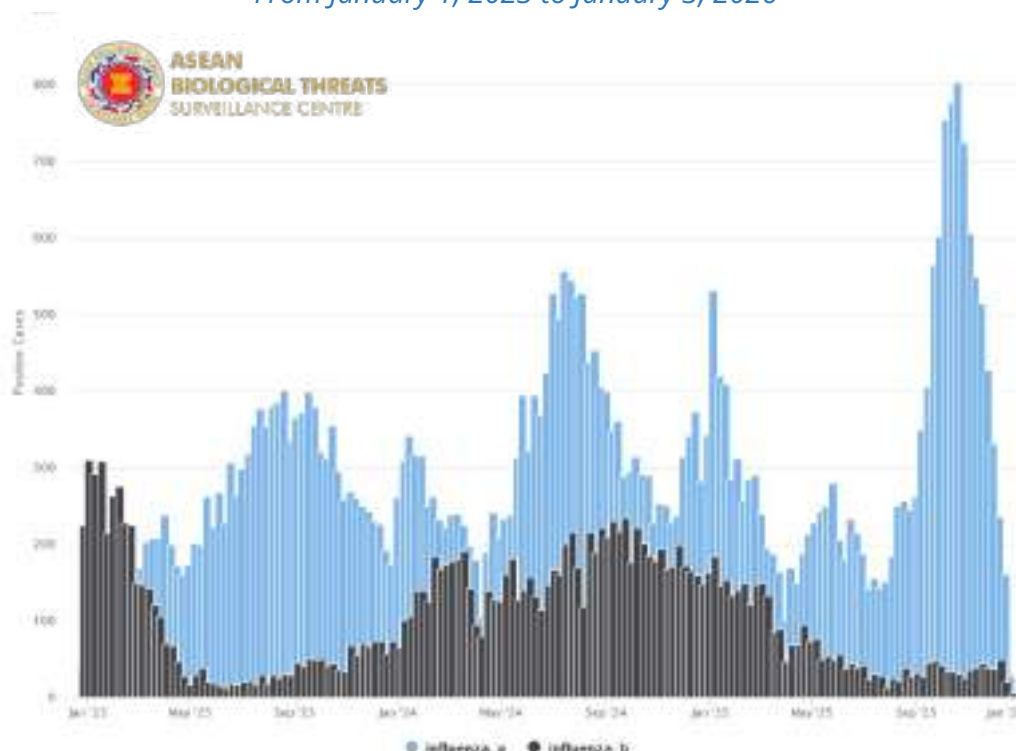
INFLUENZA

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

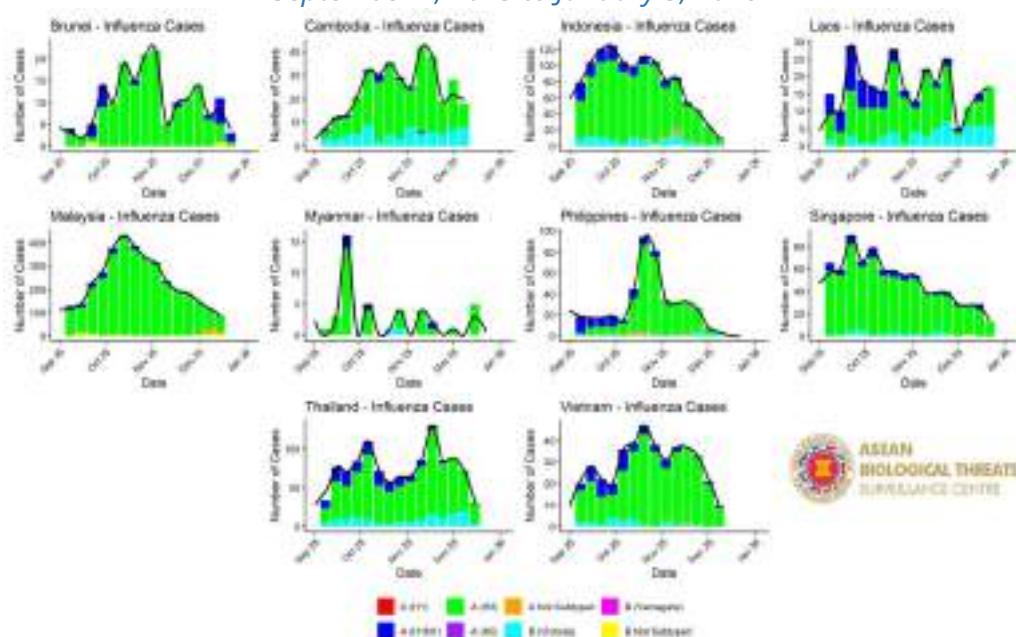
From January 1, 2023 to January 3, 2026



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

Trend of Influenza Cases among ASEAN Member States

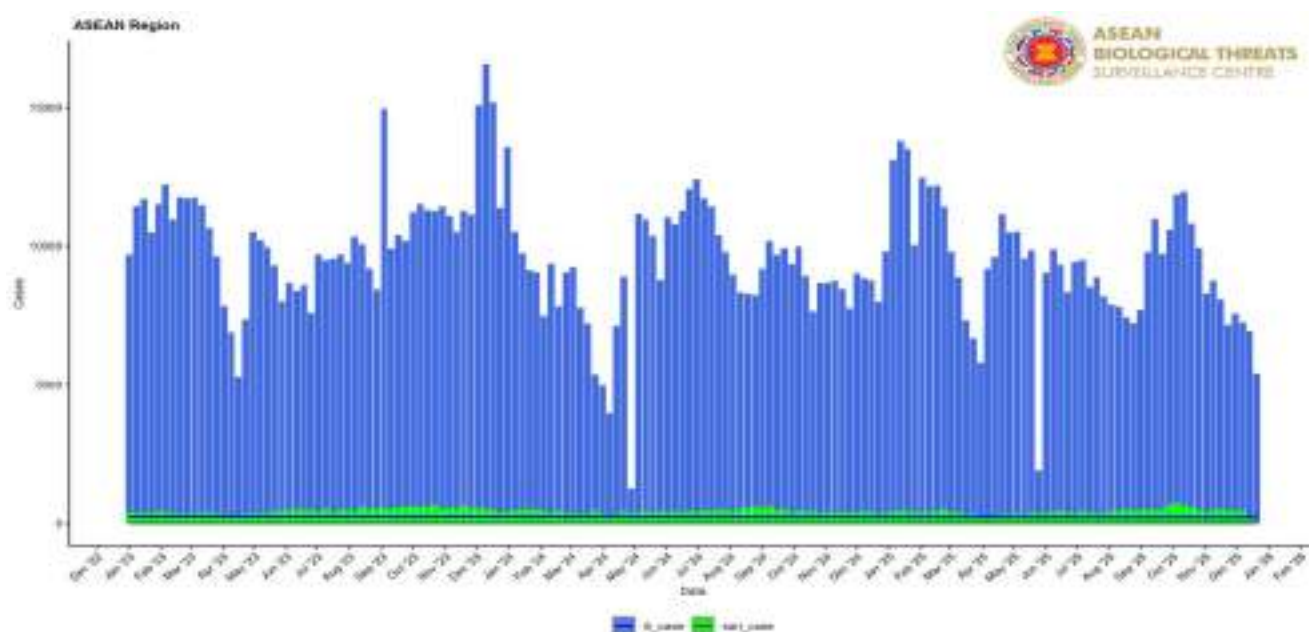
September 1, 2025 to January 3, 2026



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

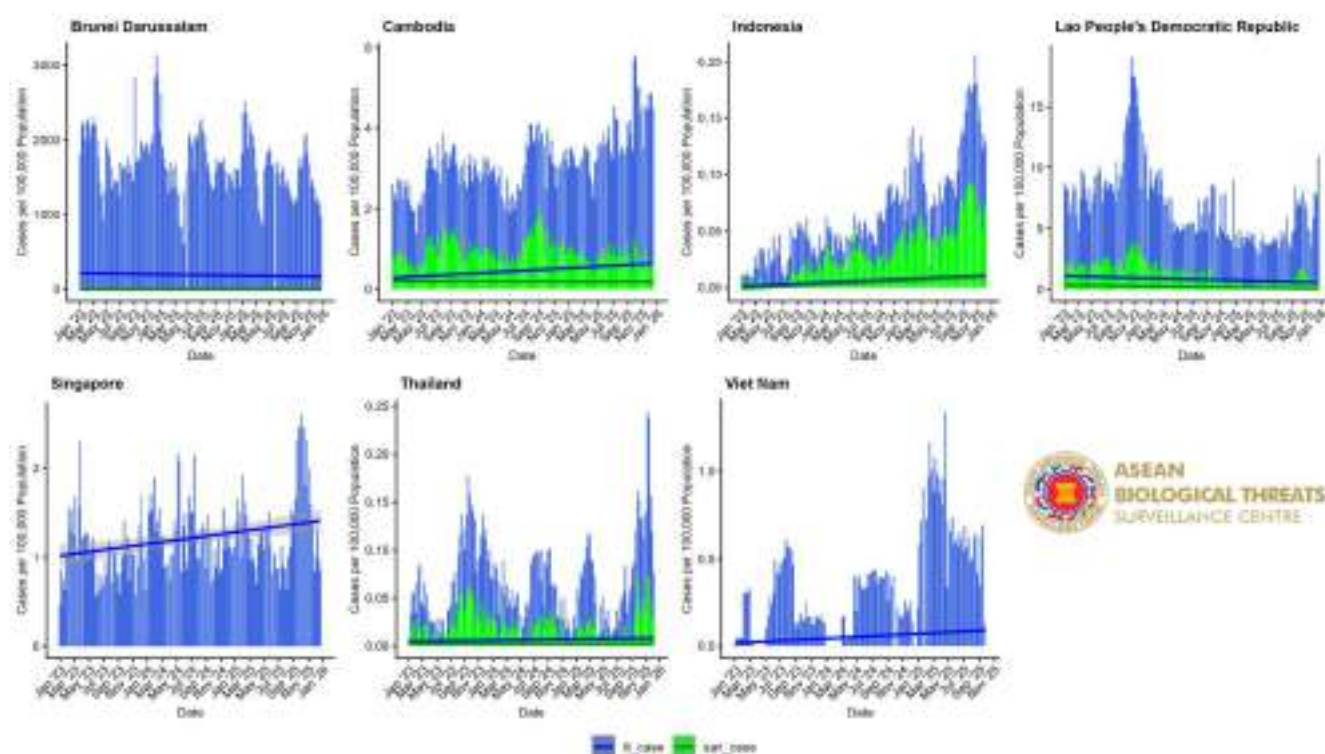
January 1, 2023 to January 3, 2026



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





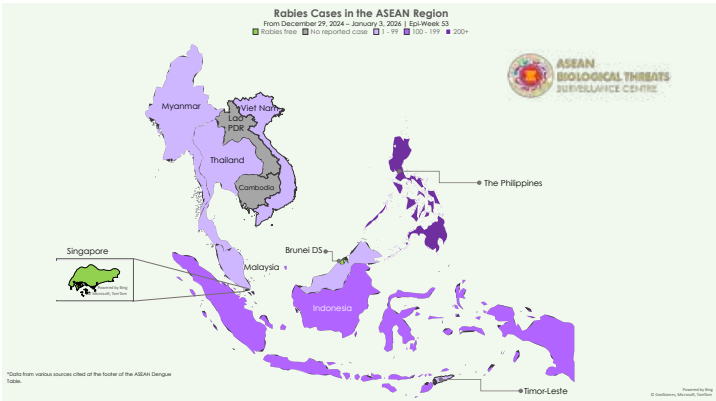
RABIES

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			Rabies-free country		
Cambodia	-	-	-	-	-
Indonesia ¹	Week 48	146	-	146	100%
Lao PDR	-	-	-	-	-
Malaysia ²	Week 44	6	-	6	100%
Myanmar ³	Week 52	112	0	112	100%
Philippines ²	Week 31	211	-	211	100%
Singapore			Rabies-free country		
Thailand ²	Week 29	7	-	7	100%
Timor-Leste ²	Week 45	21	-	21	100%
Viet Nam ²	Week 53	69	1	69	100%
Total		572	1	572	100%

Source:
1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed January 6, 2026 (<https://portal.bluedot.global/>)
3. 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			Rabies-free country		
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

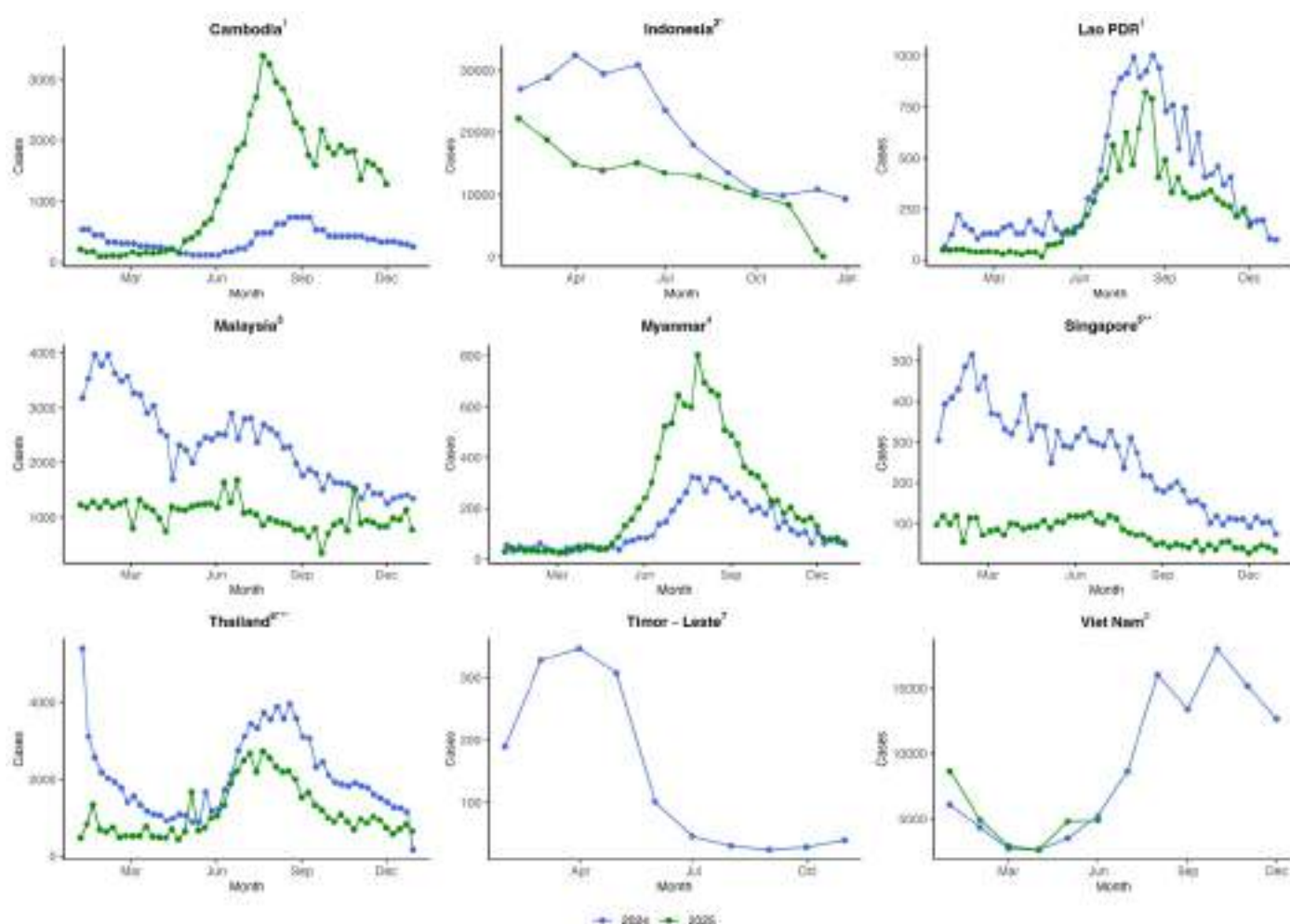
Dengue Cases in the ASEAN Region

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://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 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



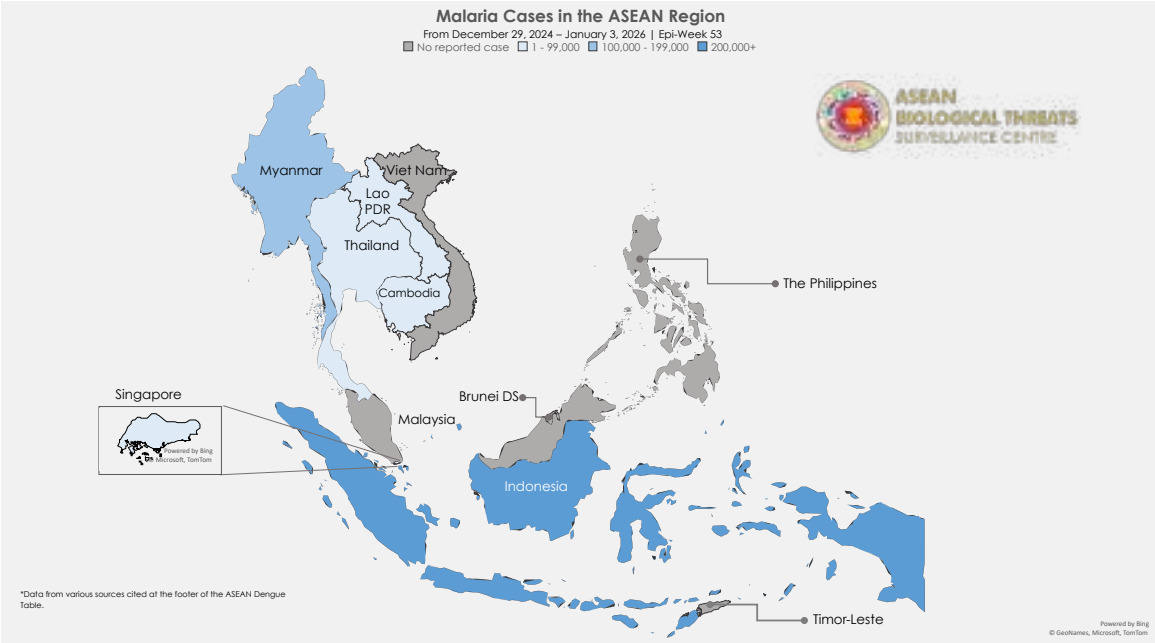
MALARIA

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	-	-	-	-	-
Cambodia ¹	Week 53	107	0	0	0.00%
Indonesia ²	Week 53	690,285	8,159	100	0.01%
Lao PDR	-	-	-	-	-
Malaysia	-	-	-	-	-
Myanmar ³	Week 48	147,944	6,101	5	0.004%
Philippines	-	-	-	-	-
Singapore ⁴	Week 52	35	1	0	0.00%
Thailand ⁵	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_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 text 'Vaccine- Preventable Diseases' is overlaid in large white font on the left side of the image.

Vaccine- Preventable Diseases



MEASLES

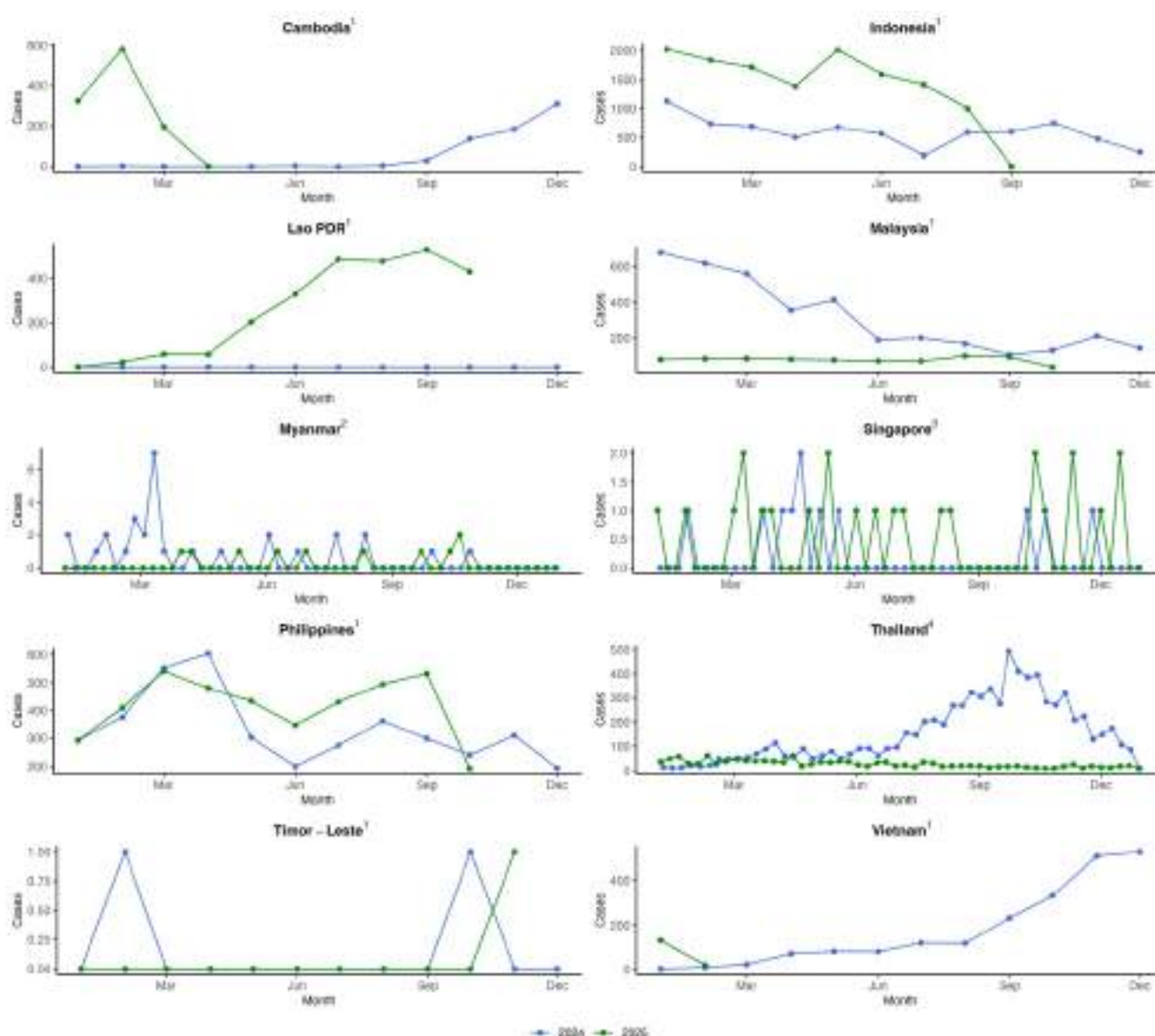
Measles Cases in the ASEAN Region

From December 29, 2024 to 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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