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BIOLOGICAL THREATS
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A

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. ABVC follows Epi-week calendar in its publication. 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 respirator mask. They are wearing black gloves and holding a small, clear vial in their right hand. The background is dark and out of focus, suggesting a laboratory or clinical setting. The text 'Emerging Diseases' is overlaid in large, white, sans-serif font on the left side of the image.



MPOX

Mpox Cases Reported in the ASEAN Region

January 1, 2025 – January 31, 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 February 3, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed February 3, 2026 , <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

Key Findings

- From 1 January 2025 to 31 January 2026, **53,422** confirmed cases worldwide, including **225** deaths. Globally, the CFR was **0.42 %**. Additionally, **502 confirmed cases** including **11 deaths** in the **ASEAN** region, with a CFR of **2.19%**.
- There were **no new cases of Mpox** in epi-week 4 of 2026.
- **52,920 confirmed cases** of mpox have been reported in **other regions** (other than the **ASEAN** region):

Mpox cases in the ASEAN region in 2025 and 2026 (as of 31 January, 2026)

ASEAN Member States	Cumulative Cases in 2025	Cumulative Deaths in 2025 (CFR)	Cumulative Cases in 2026	New Cases Since Previous Report	Cumulative Deaths in 2026 (CFR)
Cambodia¹	0	0 (0.00%)	0	0	0 (0.00%)
Indonesia²	0	0 (0.00%)	0	0	0 (0.00%)
Lao PDR³	0	0 (0.00%)	0	0	0 (0.00%)
Malaysia³	14	0 (0.00%)	0	0	0 (0.00%)
Philippines³	294	6 (2.04%)	20	0	2 (10.00%)
Singapore⁴	23	0 (0.00%)	2	0	0 (0.00%)
Thailand³	146	3 (2.05%)	1	0	0 (0.00%)
Vietnam³	2	0 (0.00%)	0	0	0 (0.00%)
ASEAN Total	479	9 (1.88%)	23	0	2 (9.00%)

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 February 3, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed February 3, 2026 , <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>



Top 5 countries with the most mpox cases globally (Jan. 1, 2025 to Jan. 31, 2026)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	21,838	0	48	0.22%
Uganda	7,076	0	38	0.54%
Sierra Leone	5,442	0	60	1.10%
United States of America	2,399	0	0	0.00%
Guinea	2,088	0	6	0.29%

Source: WHO Mpox Outbreak: Global Trends, accessed February 3, 2026 (https://worldhealthorg.shinyapps.io/mpox_global/)

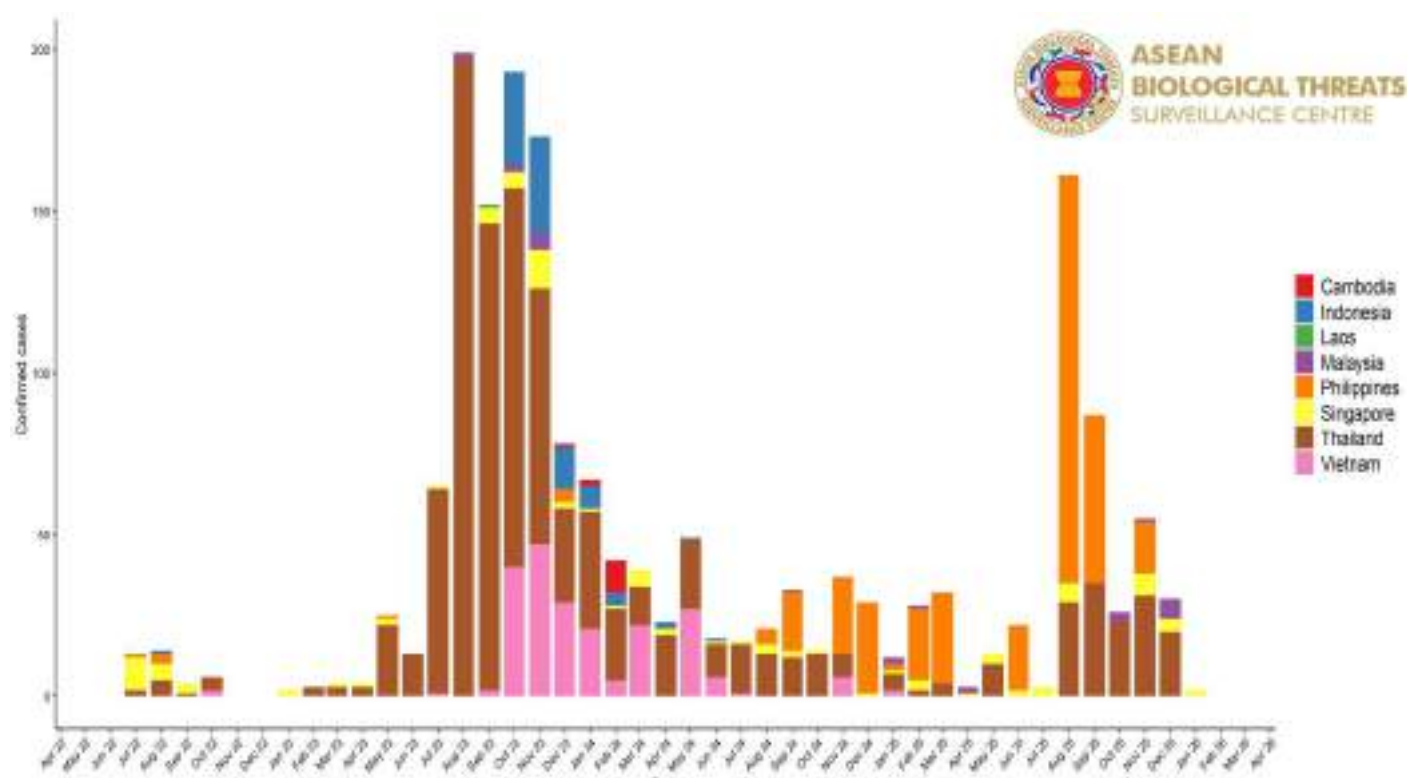
Mpox cases per region (Jan. 1, 2025 to Jan. 31, 2026)

REGIONS	CUMULATIVE CASES 2025-2026	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	43,107	-	198	0.46%
AMERICAS	5,185	-	7	0.14%
ASEAN	502	-	11	2.19%
ASIA & OCEANIA	1,940	-	8	0.41%
EUROPE	2,688	129	1	0.04%
TOTAL	53,422	129	225	0.42%

Source: WHO Mpox Outbreak: Global Trends, accessed February 3, 2026 (https://worldhealthorg.shinyapps.io/mpox_global/)

Trend of Mpox Confirmed Cases in the ASEAN Region

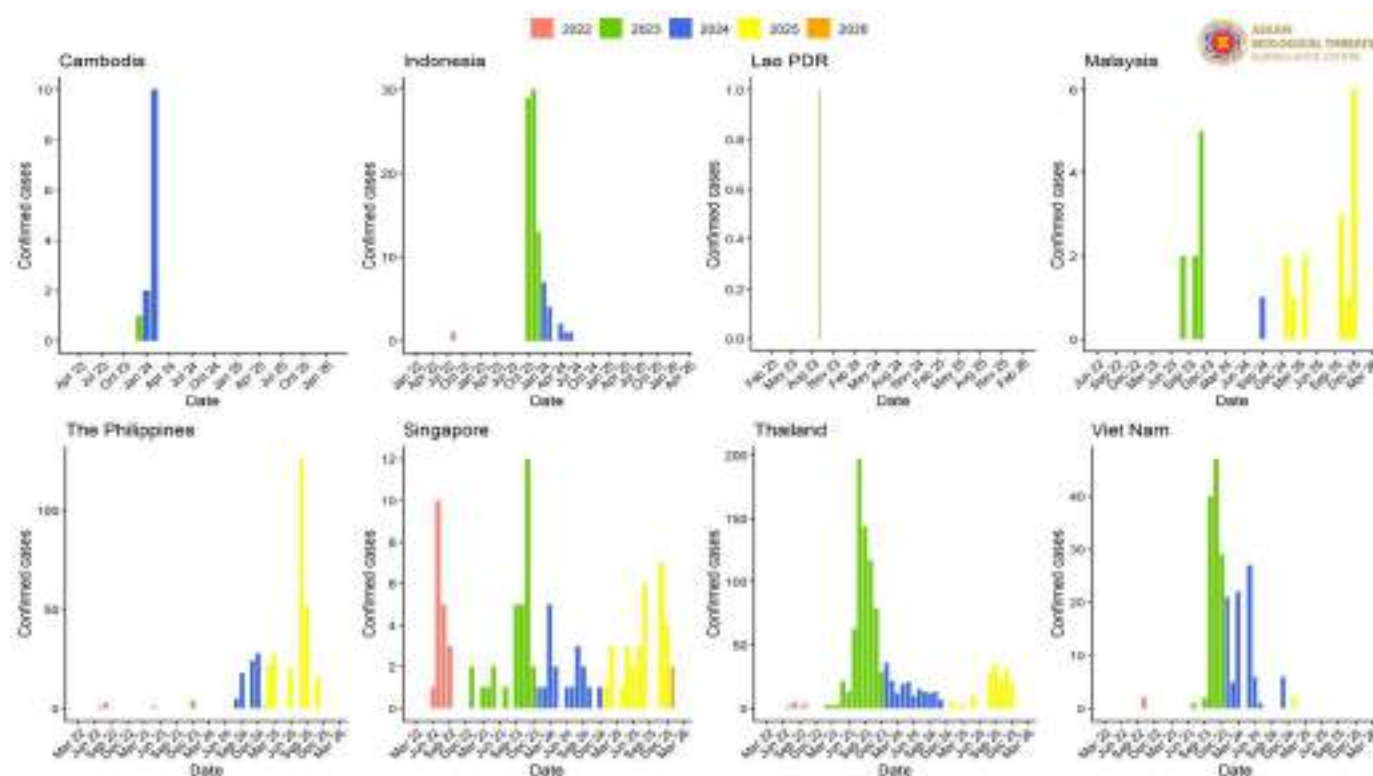
January 1, 2022 to January 31, 2026



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 February 3, 2026 (https://worldhealthorg.shinyapps.io/mpox_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed February 3, 2026, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

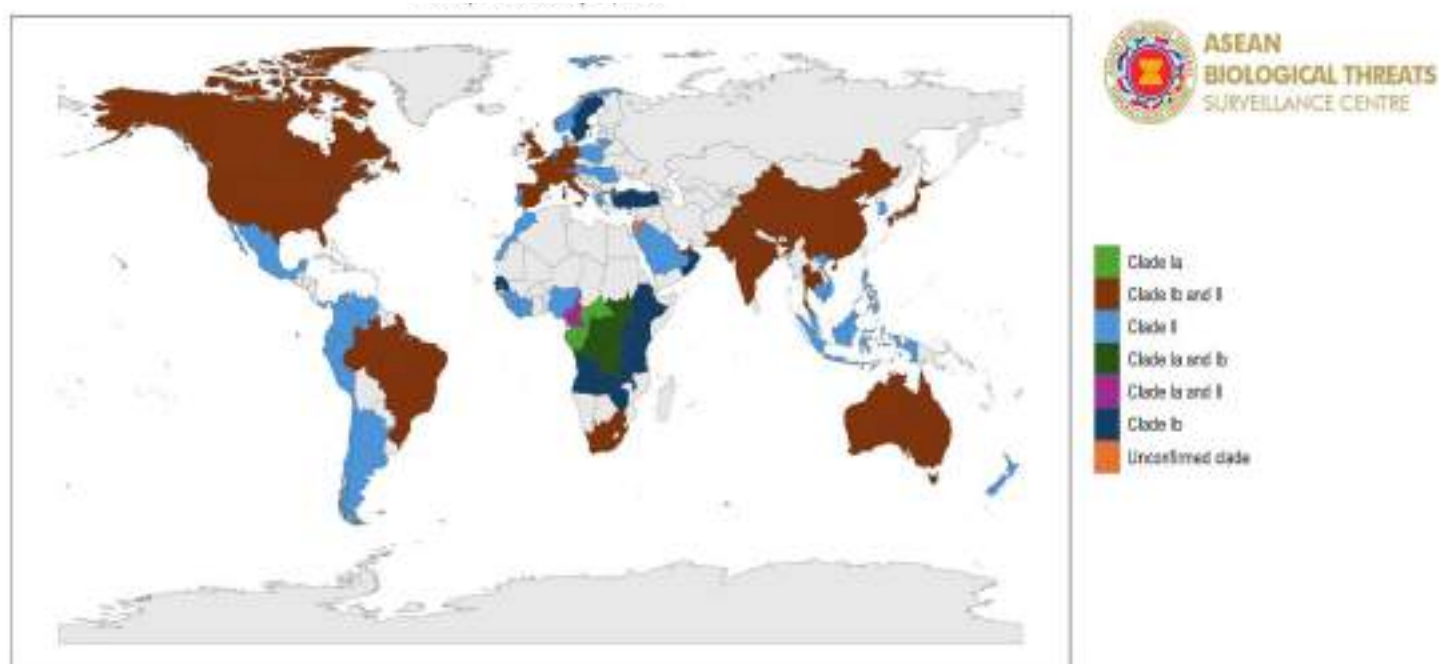
Trend of Mpox Confirmed Cases among ASEAN Member States January 1, 2022 to January 31, 2026



Source:

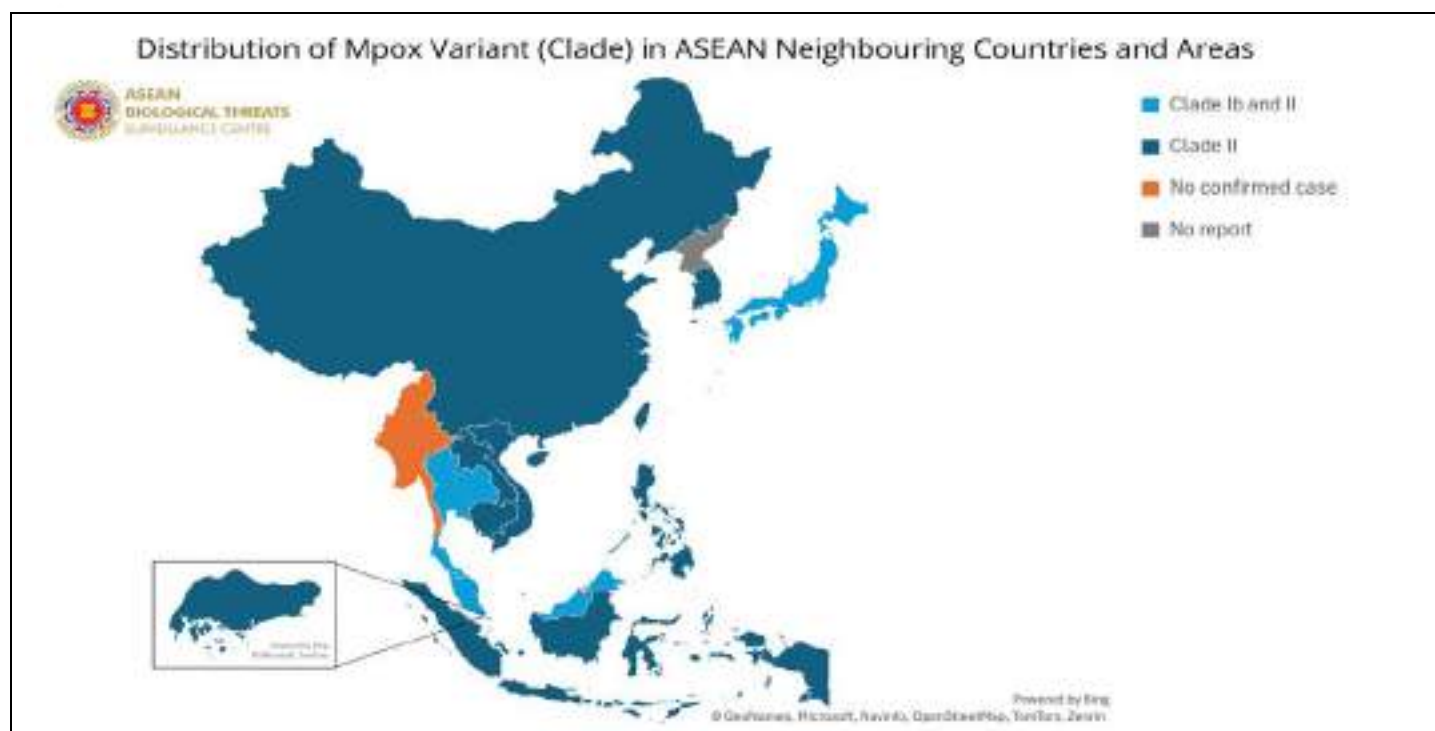
1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia (<https://infeksiemerging.kemkes.go.id>)
3. WHO Mpox Outbreak: Global Trends, accessed February 3, 2026 (https://worldhealth.org.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed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

Distribution of Mpox Variants in The Global As of January 31, 2026



Source: GISAID and WHO

Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas As of January 31, 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 February 3, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed February 3, 2026 , <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

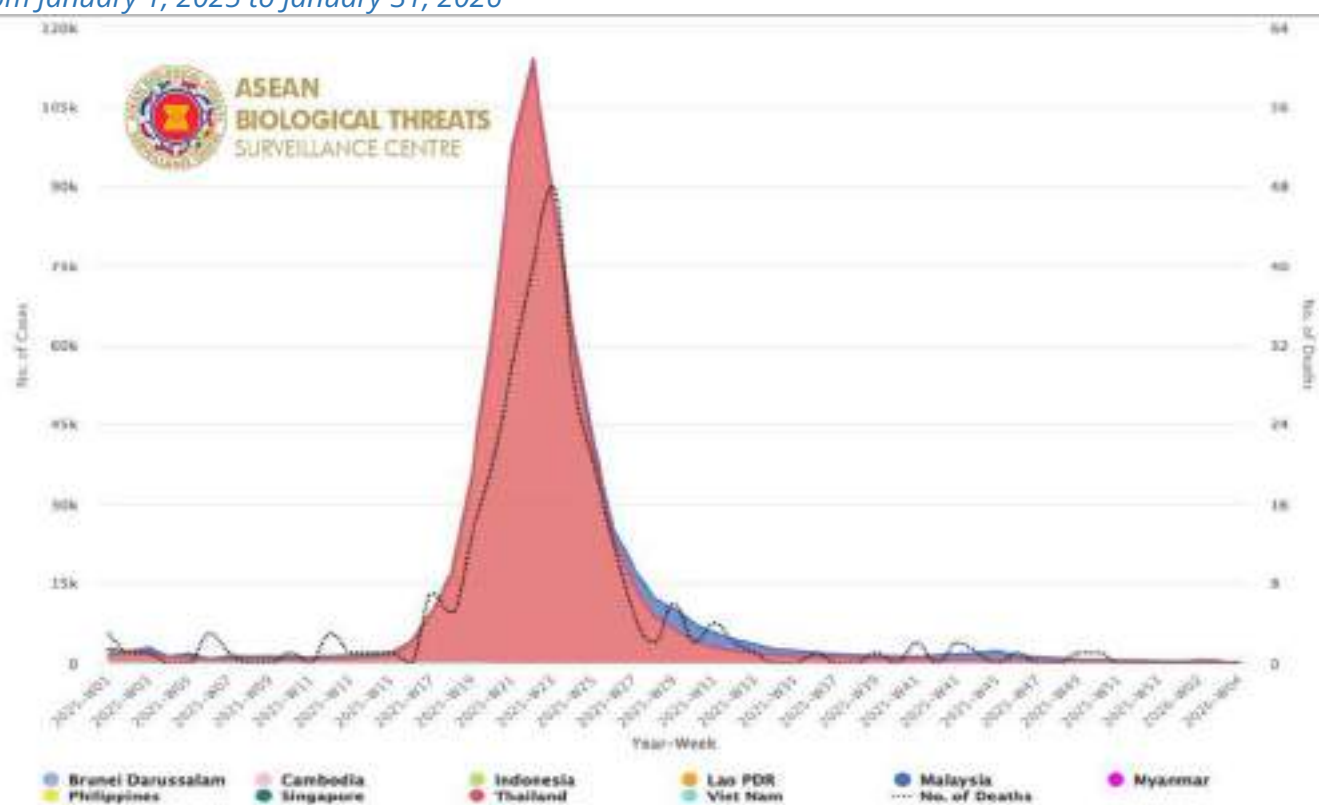
COVID-19

Key Findings

- As of 31 January 2026 (5PM, GMT+7), there were **778,979,336** confirmed cases **worldwide**, including **7,107,805** deaths. Globally, the Case Fatality Rate (CFR) was **0.91%**.
- 37,764,214** total confirmed cases of COVID-19 have been reported in the **ASEAN Region**.
- The CFR in the **ASEAN Region** was **0.98%**.
- In January 2026, the latest collection on GISAID showed that Indonesia and Singapore were dominance in **JN.1+JN.1.***. Meanwhile, other member states such as Lao PDR, Myanmar, and Vietnam were dominated by **NB.1.8.1** variant. Additionally, Malaysia and Thailand were dominated by **Omicron B.1.1.529+BA** variant.

ASEAN Weekly COVID-19 Cases and Deaths

From January 1, 2025 to January 31, 2026

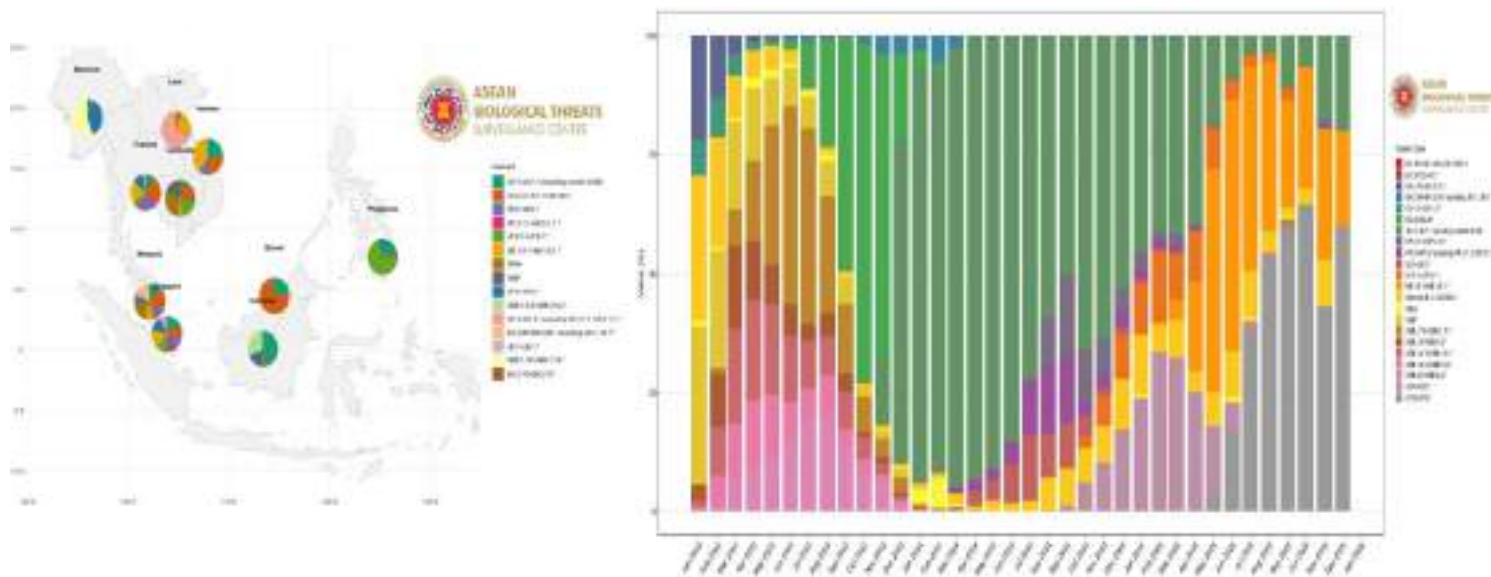


Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), MOH Myanmar, [MOH Malaysia](#), and [WHO](#) accessed on February 3, 2026

- A major peak in case numbers occurred in mid-2025 until epi-week 22 as the highest peak of the cases reported. Meanwhile, after epi-week 23, the cases continued to decrease significantly until the epi-week of 4 in 2026.
- 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 January 2026



Source: GISAIID. "hCoV-19 Variants Dashboard," accessed February 3, 2026 , <https://gisaid.org/hcov-19-variants-dashboard/>.

COVID-19 Variants Frequencies in the ASEAN Region

From January 2023 to January 2026

Country	JN.1+JN.1.*	Omicron B.1.1.529+BA.*	XEC+XEC.*	KP.3.1.1+KP.3.1.1.*	LP.8.1+LP.8.1.*	NB.1.8.1+NB.1.8.1.*	Other
Brunei	23.9%	73.4%	2.7%	0%	0%	0%	0%
Cambodia	6.2%	18.4%	0.4%	3%	19%	4%	30.9%
Indonesia	46.4%	5.3%	0%	0%	0%	0%	0%
Laos	0%	4.8%	1.3%	0%	1.2%	21.3%	0%
Malaysia	13%	20.3%	8.3%	2.3%	2.4%	8.6%	18.4%
Myanmar	5.6%	1.5%	0%	0%	0%	0%	0%
Philippines	21.9%	2.7%	0%	0%	70.3%	0%	0%
Singapore	17.2%	10.7%	11.3%	8.2%	15.2%	15%	0%
Thailand	10.5%	26.4%	16.1%	3.6%	8.6%	21.4%	0%
Vietnam	25.1%	22.1%	12%	0%	0%	40.8%	0%

Source: GISAIID. "hCoV-19 Variants Dashboard," accessed February 3, 2026 , <https://gisaid.org/hcov-19-variants-dashboard/>.

From January 2023 to January 2026

Country	XBB*	XFG+XFG.*	XBB.1.9.2+XBB1.9.2.*	KP.3+KP.3.*	BA.2.86+BA.2.86.*	LB.1+LB.1.*	XBB.1.16+XBB.1.16.*	BA.2.75+BA.2.75.*
Brunei	0%	0%	0%	0%	0%	0%	0%	0%
Cambodia	17.7%	0.4%	0%	0%	0%	0%	0%	0%
Indonesia	0%	16.9%	31.3%	0%	0%	0%	0%	0%
Laos	0%	0.9%	0%	70.6%	0%	0%	0%	0%
Malaysia	3.9%	2.9%	0%	5.5%	10.6%	3.9%	0%	0%
Myanmar	0%	37.3%	0%	0%	0%	0%	55.6%	0%
Philippines	0%	5.1%	0%	0%	0%	0%	0%	0%
Singapore	0%	13.6%	0%	5.9%	0%	2.4%	0%	0.5%
Thailand	0%	11%	0%	0%	2.4%	0%	0%	0%
Vietnam	0%	0%	0%	0%	0%	0%	0%	0%

Source: GISAIID. "hCoV-19 Variants Dashboard," accessed February 3, 2026 , <https://gisaid.org/hcov-19-variants-dashboard/>.

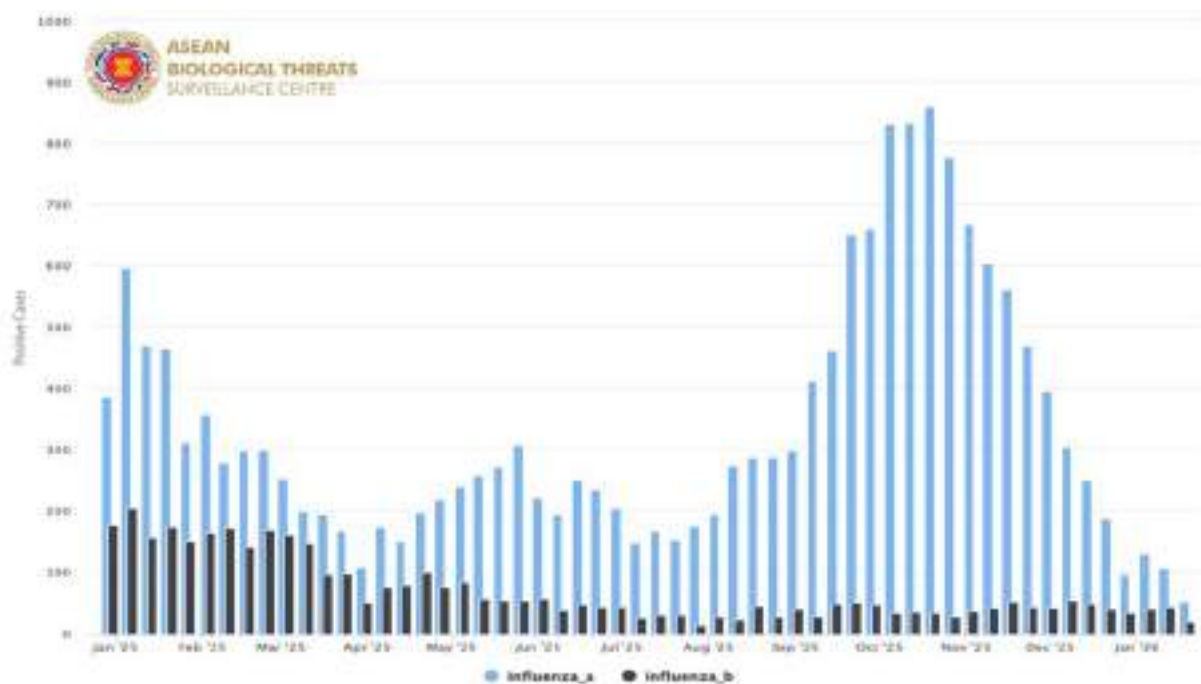
INFLUENZA

Key Findings

- Recently, most influenza cases among ASEAN Member States had decreased.
- Influenza-like illness (ILI) and severe acute respiratory infection (SARI) cases were decrease among some ASEAN Member States.

Trends of Influenza Confirmed Cases in the ASEAN region

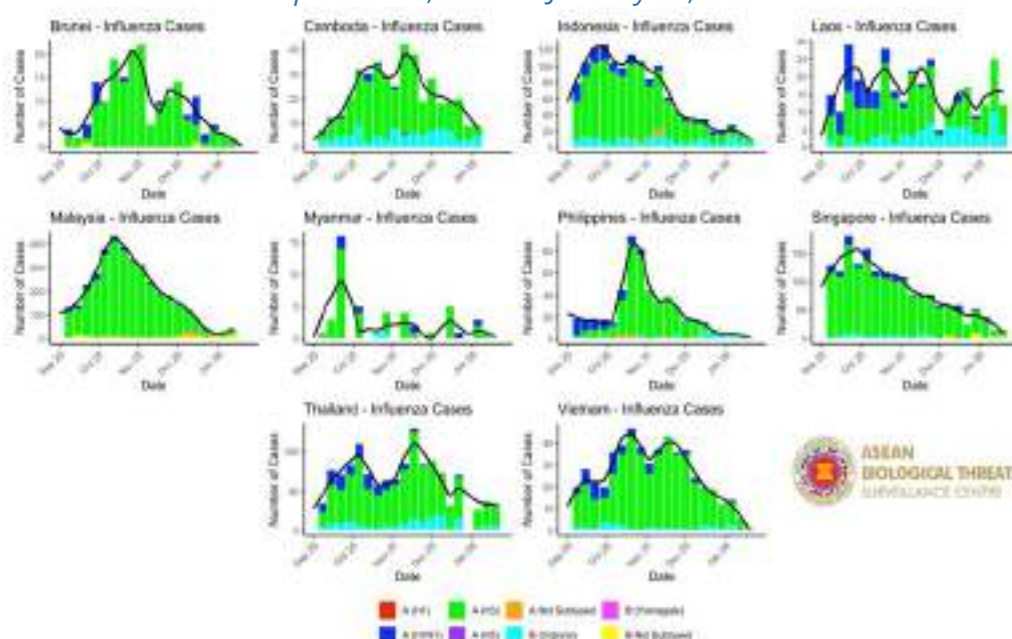
From January 1, 2025 to January 31, 2026



Source: WHO FluNet, accessed on February 3, 2026 (<https://www.who.int/tools/fluNet>)

Trend of Influenza Cases among ASEAN Member States

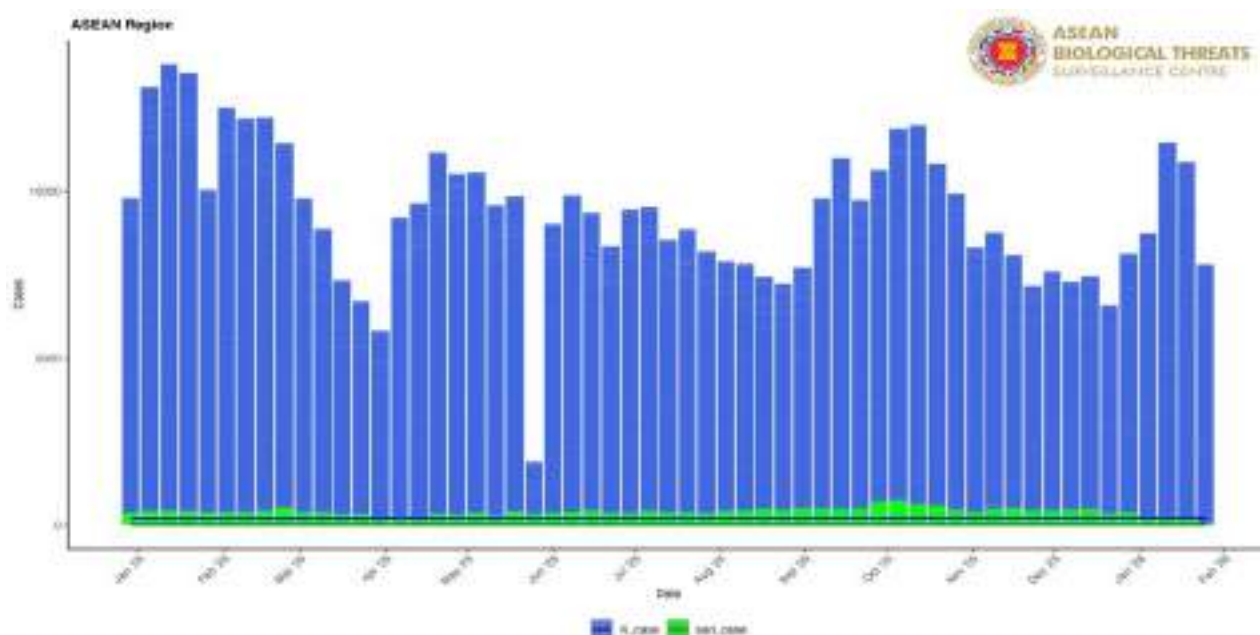
September 1, 2025 to January 31, 2026



Source: WHO FluNet, accessed on February 3, 2026 (<https://www.who.int/tools/fluNet>)

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

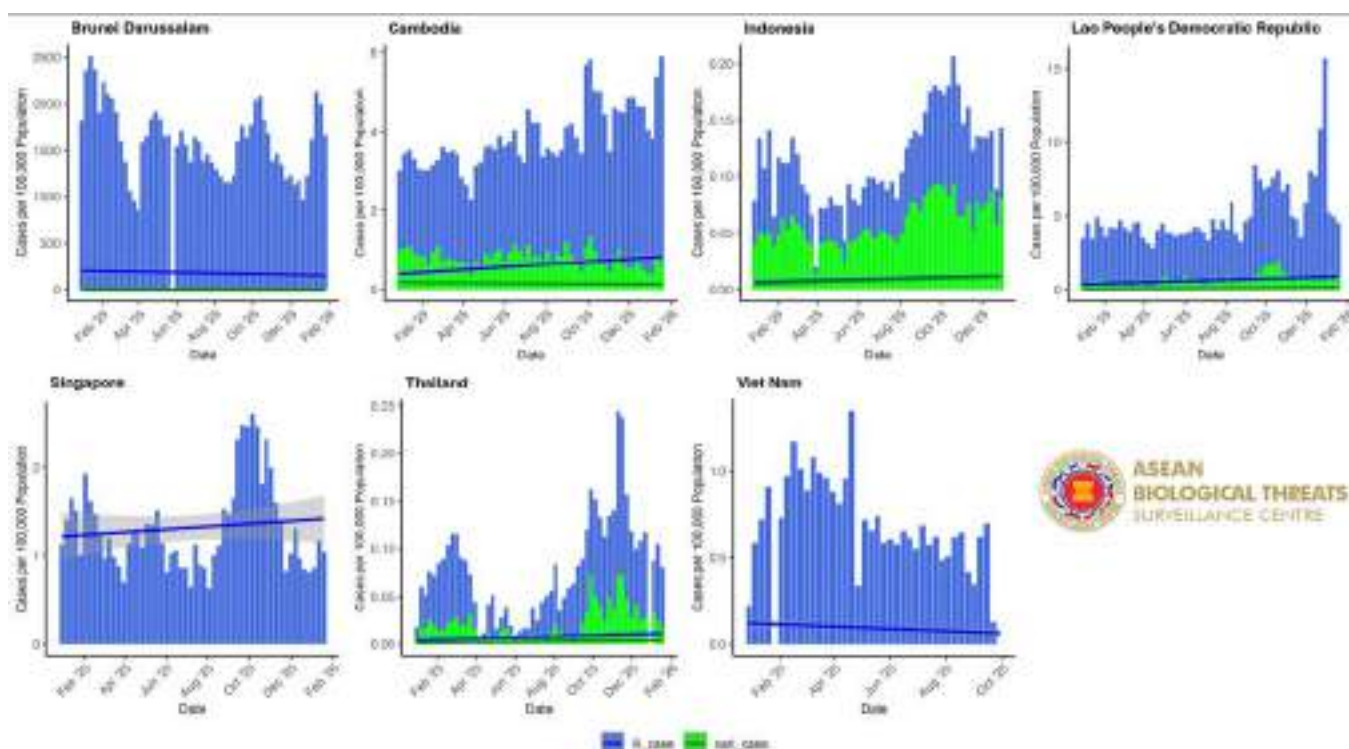
January 1, 2025 to January 31, 2026



Source: WHO FluID, accessed February 3, 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, 2025 to January 31, 2026



Source: WHO FluID, accessed February 3, 2026 (<https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-outputs>)

Zoonosis

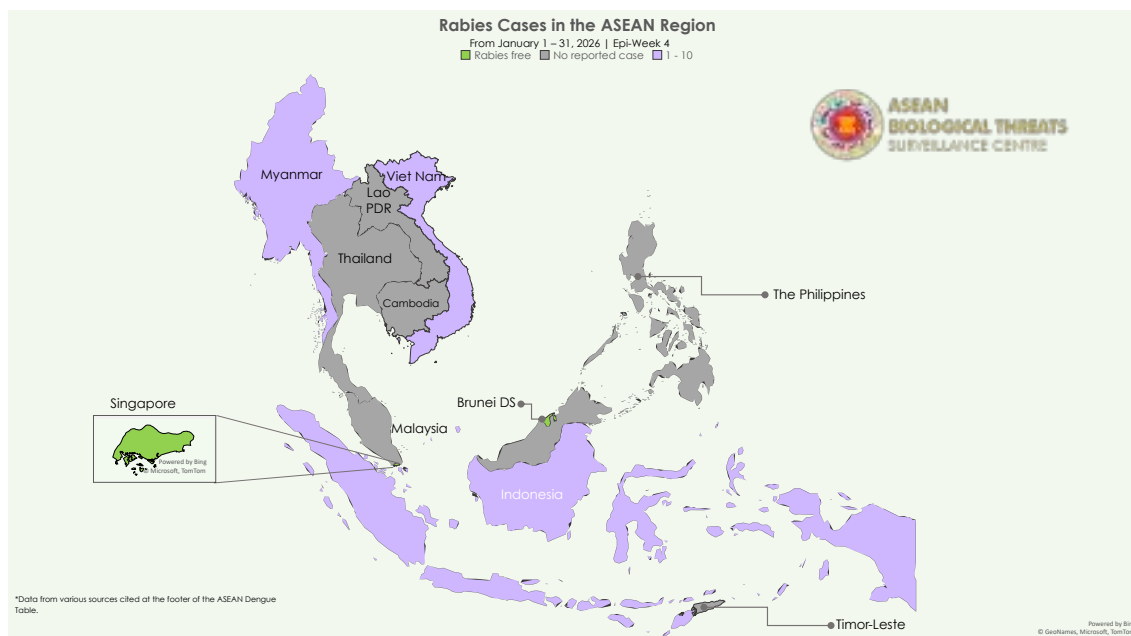




RABIES

Key Findings

- The **ASEAN** region reported **four** new rabies case in Epi-week 4, 2026.
- Up to January 31, 2026, the region reported **10** total cases with **100%** CFR.



Rabies cases in the ASEAN region

Country	Data as of	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Brunei Darussalam			<i>Rabies-free country</i>		
Cambodia	-	-	-	-	-
Indonesia¹	January 31	4	4	4	100%
Lao PDR	-	-	-	-	-
Malaysia²	-	-	-	-	-
Myanmar³	January 17	3	-	3	100%
Philippines²	-	-	-	-	-
Singapore			<i>Rabies-free country</i>		
Thailand²	-	-	-	-	-
Timor-Leste²	-	-	-	-	-
Viet Nam²	January 17	3	-	3	100%
Total		10	4	10	100%

Source:

- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed February 3, 2026 (<https://portal.bluedot.global/>)
- Department of Public Health, Ministry of Health, Myanmar

Vector-Borne Diseases





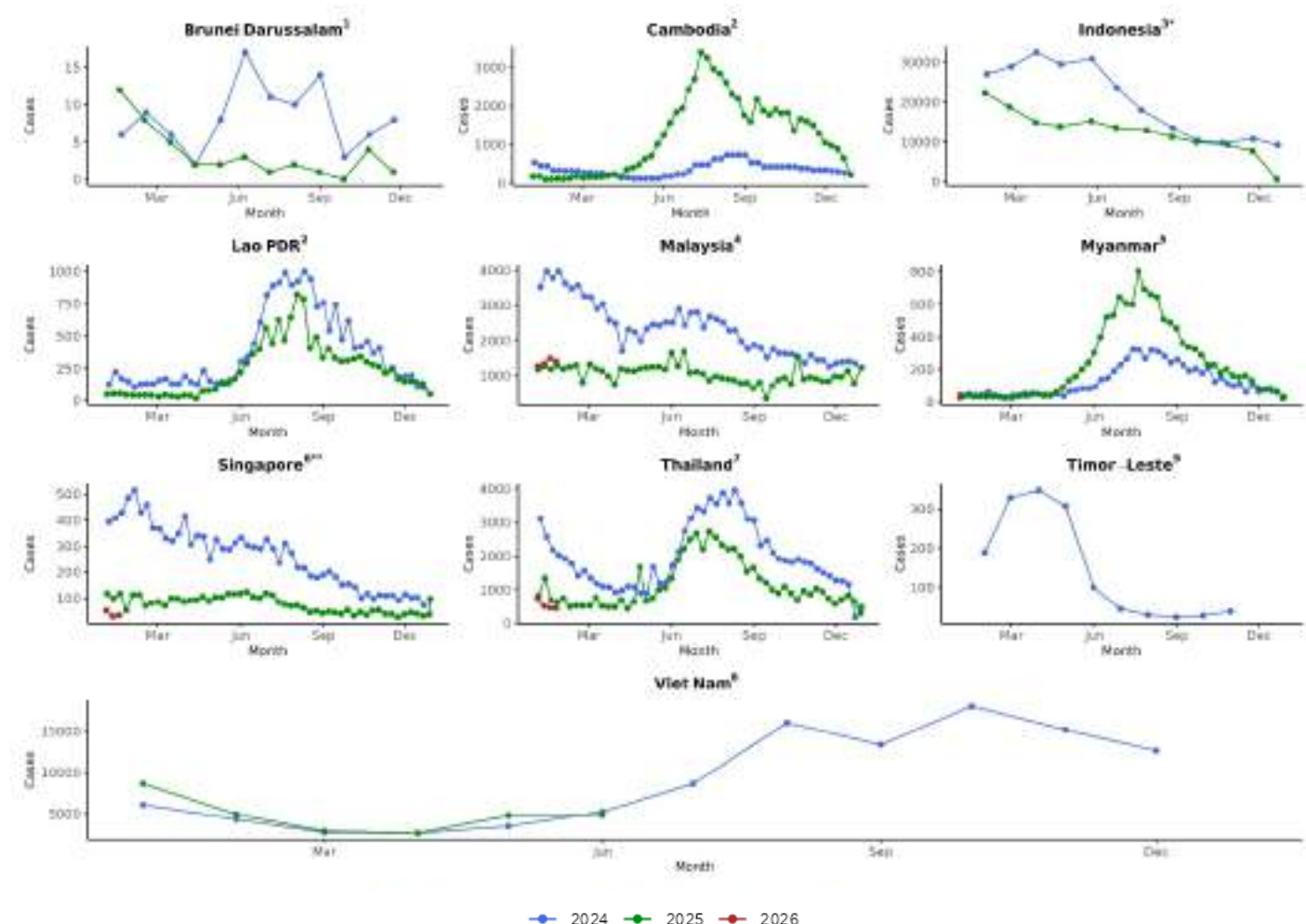
DENGUE

Key Findings

- The **ASEAN** region reported **1,888** new dengue cases in Epi-week 4, 2026.
- Up to January 31, 2026, the region reported **7,809** total cases and **5** deaths with **0.06% CFR**.

Trend of Dengue cases in the ASEAN region, 2024 – 2026

Below are trend of dengue cases among ASEAN Member States since January 1, 2024 up to January 30, 2026.



Source:

- Ministry of Health, Brunei Darussalam
- WHO WPRO, "Dengue," World Health Organization, accessed February 3, 2026 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
- Ministry of Health, Republic of Indonesia
- Portal Rasmi iDengue untuk Komuniti, accessed February 3, 2026 (<https://idengue.mysa.gov.my/>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health. "Weekly Infectious Disease Bulletin", accessed February 3, 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 February 3, 2026 , (https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y)
- WHO Global Dengue Surveillance, accessed February 3, 2026 (https://worldhealthorg.shinyapps.io/dengue_global/)
- London School of Hygiene and Tropical Medicine. "OpenDengue Database", accessed February 3, 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)

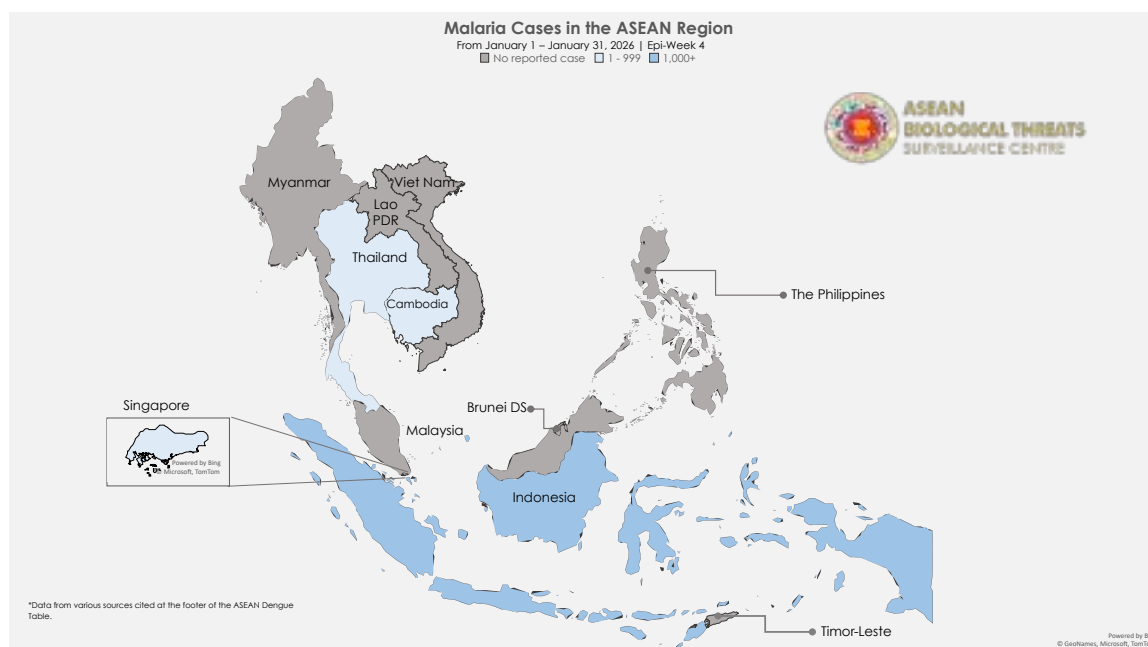
**Notified dengue cases only includes Dengue Fever (DF) and DHF



MALARIA

Key Findings

- The **ASEAN** region reported **11,160** new malaria cases in Epi-week 4, 2026.
- Up to January 31, 2026, the region reported **28,514** total cases and **seven** deaths with **0.02%** CFR.



Malaria cases in the ASEAN region

Country	Data as of	Cumulative Cases	New Cases Since Last Week	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia¹	January 31	1	0	0	0.00%
Indonesia²	January 31	28,271	11,109	7	0.02%
Lao PDR	-	-	-	-	-
Malaysia	-	-	-	-	-
Myanmar³	-	-	-	-	-
Philippines	-	-	-	-	-
Singapore⁴	January 24	1	0	0	0.00%
Thailand⁵	January 31	241	51	0	0.00%
Timor-Leste	-	-	-	-	-
Viet Nam	-	-	-	-	-
Total		28,514	11,160	7	0.02%

Source:

- Cambodia National Malaria Center, accessed February 3, 2026 (<https://mis.cnm.gov.kh/Dashboard>)
- Malaria Cases in Indonesia, accessed February 3, 2026 (<https://malaria.kemkes.go.id/case>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health Singapore, accessed February 3, 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 February 3, 2026 (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 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 background is a soft-focus clinical setting with blue and white elements. The text 'Vaccine- Preventable Diseases' is overlaid on the left side of the image in a large, white, sans-serif font.

Vaccine- Preventable Diseases



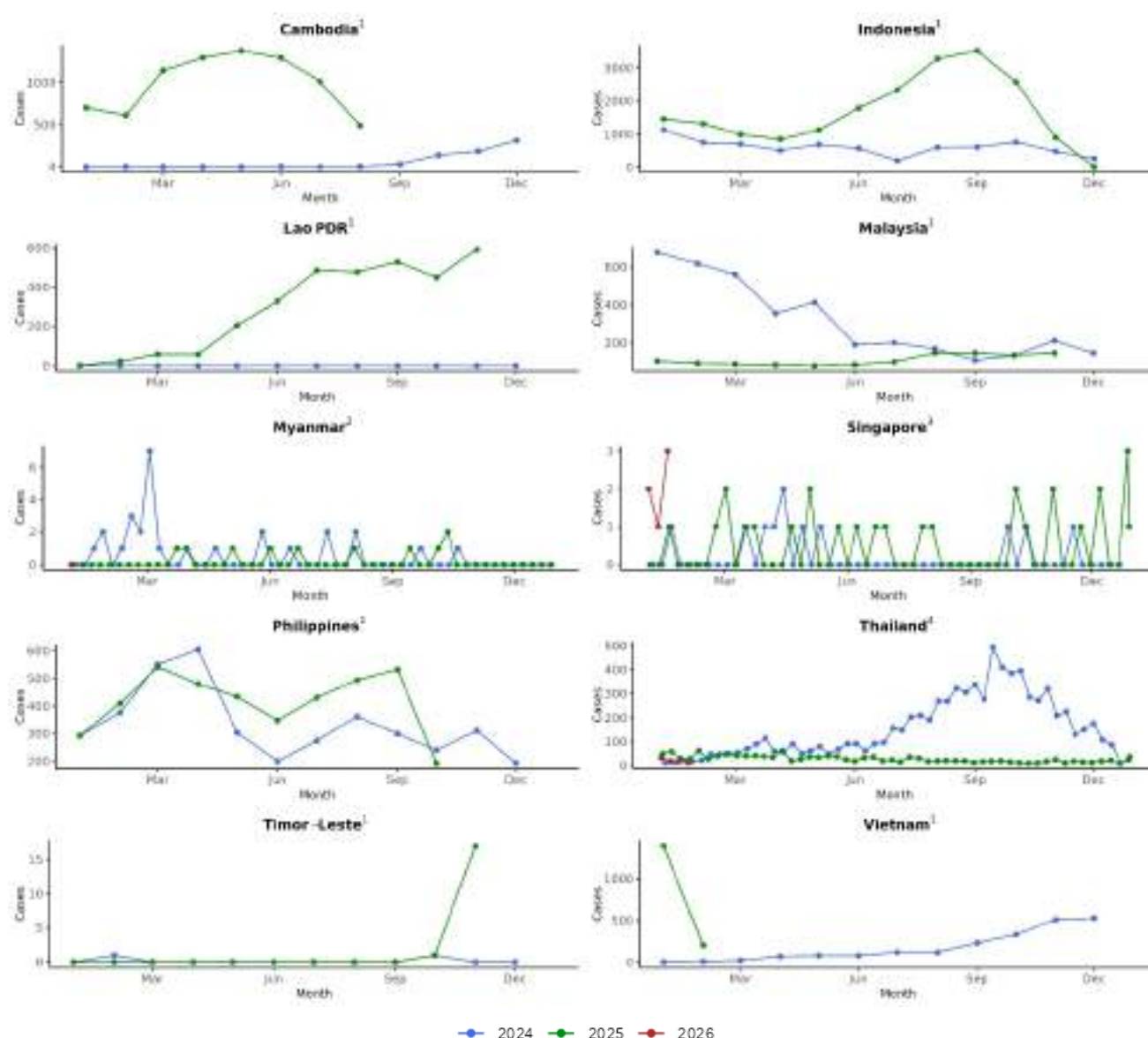
MEASLES

Key Findings

- The **ASEAN** region reported **16** new measles cases in Epi-week 4, 2026.
- Up to January 31, 2026, the region reported **89** total cases with **0%** CFR.

Trend of Measles cases in the ASEAN region, 2024 – 2026

Below are trend of measles cases among ASEAN Member States since January 1, 2024 up to January 24, 2026.



Source:

- Provisional Measles and Rubella Data, World Health Organization, accessed February 3, 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 February 3, 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 February 3, 2026 (<http://doe.moph.go.th/surdata/index.php>)



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