August 12, 2026 | MMWR 2026-31
Epidemiological Week 31 (August 2 - 8, 2026)

ASEAN BIOLOGICAL THREATS SURVEILLANCE CENTRE

ABVC

Morbidity and Mortality Weekly Report (MMWR)

Infectious & Emerging Diseases in the ASEAN Region

With Support by:

Korea Disease Control and Prevention Agency

Canada

Kemenkes

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. ABVC follows Epi-week calendar in its publication. For feedback and/or suggestions, please write to support@aseanbiosurveillance.org

Editorial

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Emerging Diseases

MPOX

Mpox Cases Reported in the ASEAN Region

January 1, 2025 – August 8, 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 August 11, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed August 11, 2026 , https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/

Key Findings

- The number of Mpox cases from January 1 to August 8, 2026, are **149 cases** with **two deaths**.
- There were **no new cases of Mpox in** Epi-week 31 of 2026.
- **65,894 confirmed cases** of mpox have been reported in **other regions** since 2025 (other than the **ASEAN** region):

Mpox cases in the ASEAN region in 2025 and 2026 (as of August 8, 2026)

ASEAN Member States	Cumulative Cases in 2025	Cumulative Deaths in 2025 (CFR)	Cumulative Cases in 2026	New Cases in Epi-week 31	Cumulative Deaths in 2026 (CFR)
Cambodia[1]	0	0 (0.00%)	0	0	0 (0.00%)
Indonesia[2]	0	0 (0.00%)	26	0	0 (0.00%)
Lao PDR[3]	0	0 (0.00%)	0	0	0 (0.00%)
Malaysia[3]	14	0 (0.00%)	4	0	0 (0.00%)
Philippines[3]	286	6 (2.10%)	0	0	0 (0.00%)
Singapore[4]	23	0 (0.00%)	29	0	0 (0.00%)
Thailand[3]	157	3 (1.91%)	90	0	2 (2.22%)
Vietnam[3]	2	0 (0.00%)	0	0	0 (0.00%)
ASEAN Total	**482**	**9 (1.87%)**	**149**	**0**	**2 (1.34%)**

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 August 11, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed August 11, 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 Aug. 8, 2026)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	25,392	0	51	0.20%
Uganda	7,160	0	39	0.54%
Sierra Leone	5,442	0	60	1.10%
United States of America	3,292	0	0	0.00%
Madagascar	2,921	0	18	0.62%

Source: WHO Mpox Outbreak: Global Trends, accessed August 11, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)

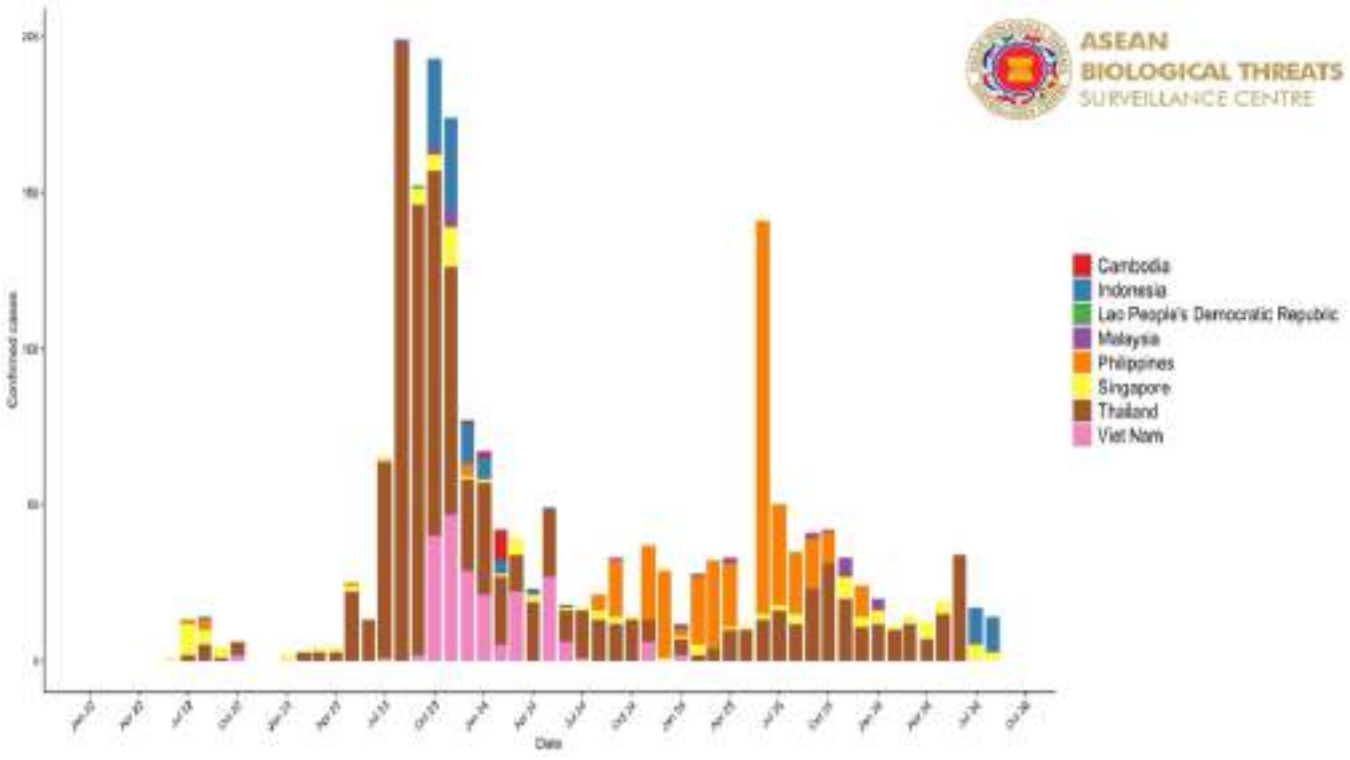
Mpox cases per region (Jan. 1, 2025 to Aug. 8, 2026)

REGIONS	CUMULATIVE CASES 2025-2026	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA[1]	51,159	-	235	0,46%
AMERICAS[1]	7,010	-	10	0,14%
ASEAN[1]	631	-	11	1,80%
ASIA & OCEANIA[2]	2,281	-	-	0,00%
EUROPE[1]	4,813	-	3	0,06%
TOTAL	**65,894**	**-**	**259**	**0,39%**

Source:
1. WHO Mpox Outbreak: Global Trends, accessed August 11, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)
2. Our World in Data, accessed August 11, 2026 (https://ourworldindata.org/mpox)

Trend of Mpox Confirmed Cases in the ASEAN Region

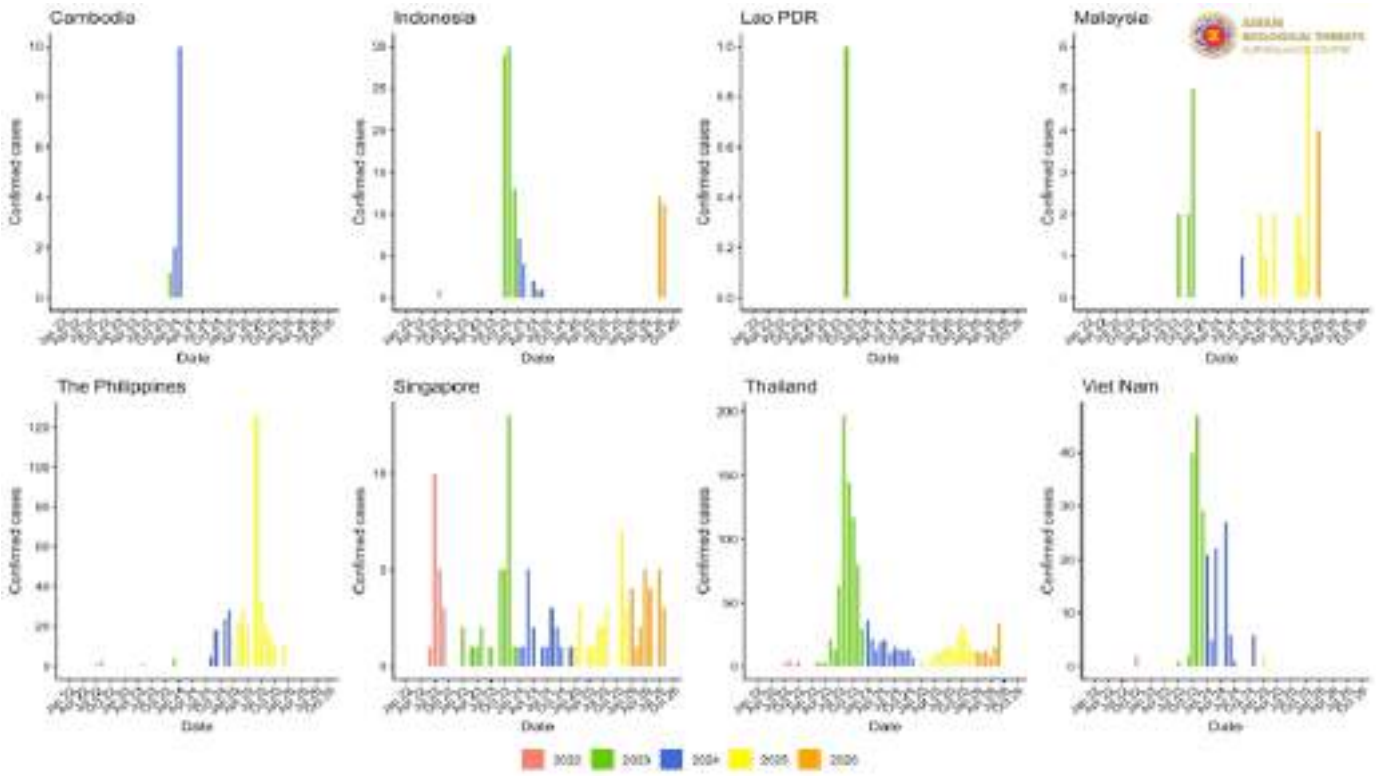
January 1, 2022 to August 8, 2026



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 August 11, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed August 11, 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 *August 8*, 2026

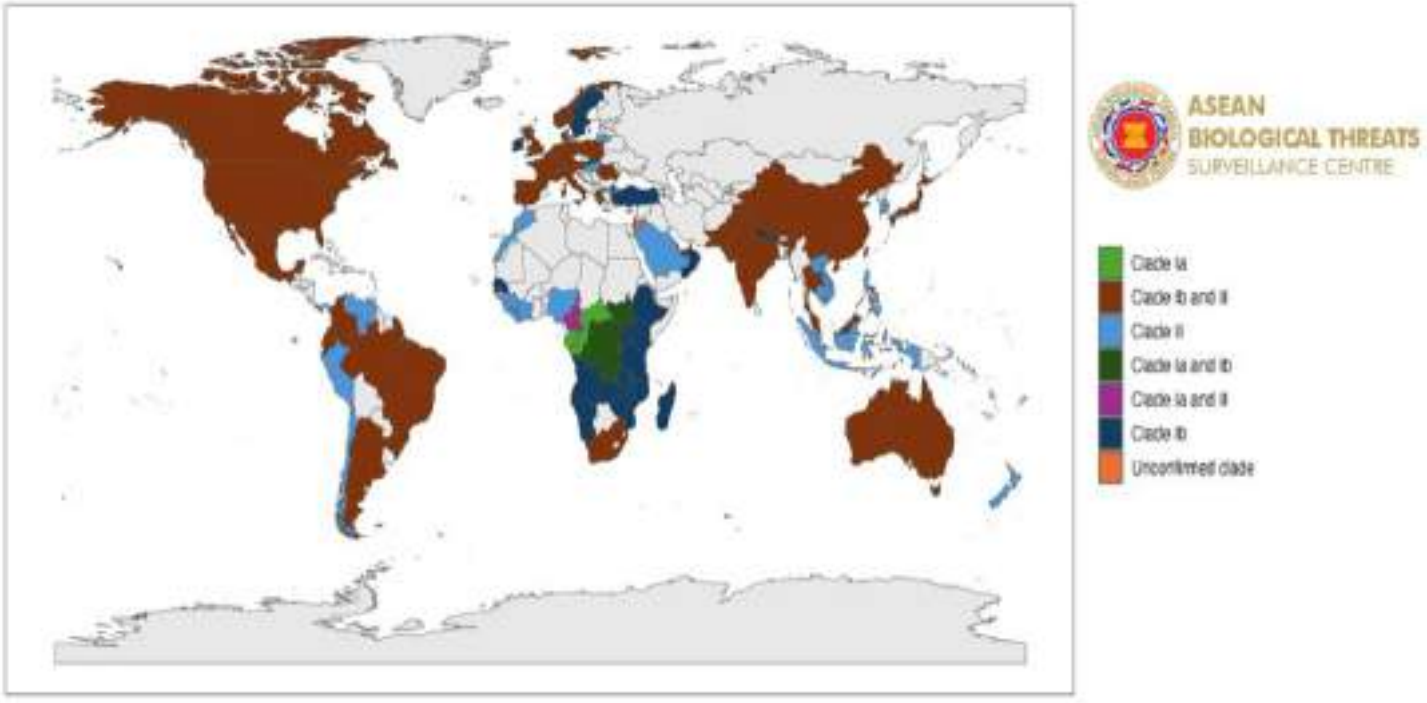


Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia (https://infeksiemerging.kemkes.go.id)
3. WHO Mpox Outbreak: Global Trends, accessed August 11, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed August 11, 2026 , https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/

Distribution of Mpox Variants in The Global

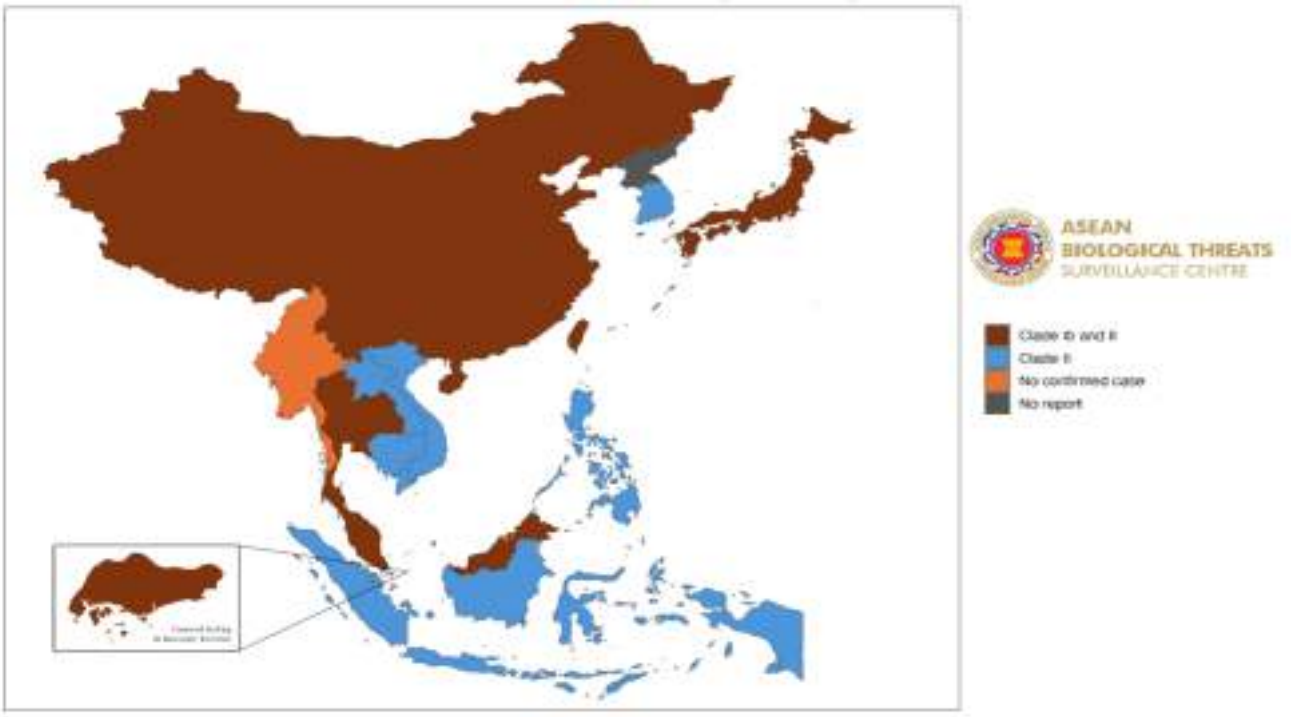
As of August 8, 2026



Source: GISAID and WHO

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

As of August 8, 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 August 11, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed August 11, 2026 , https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/

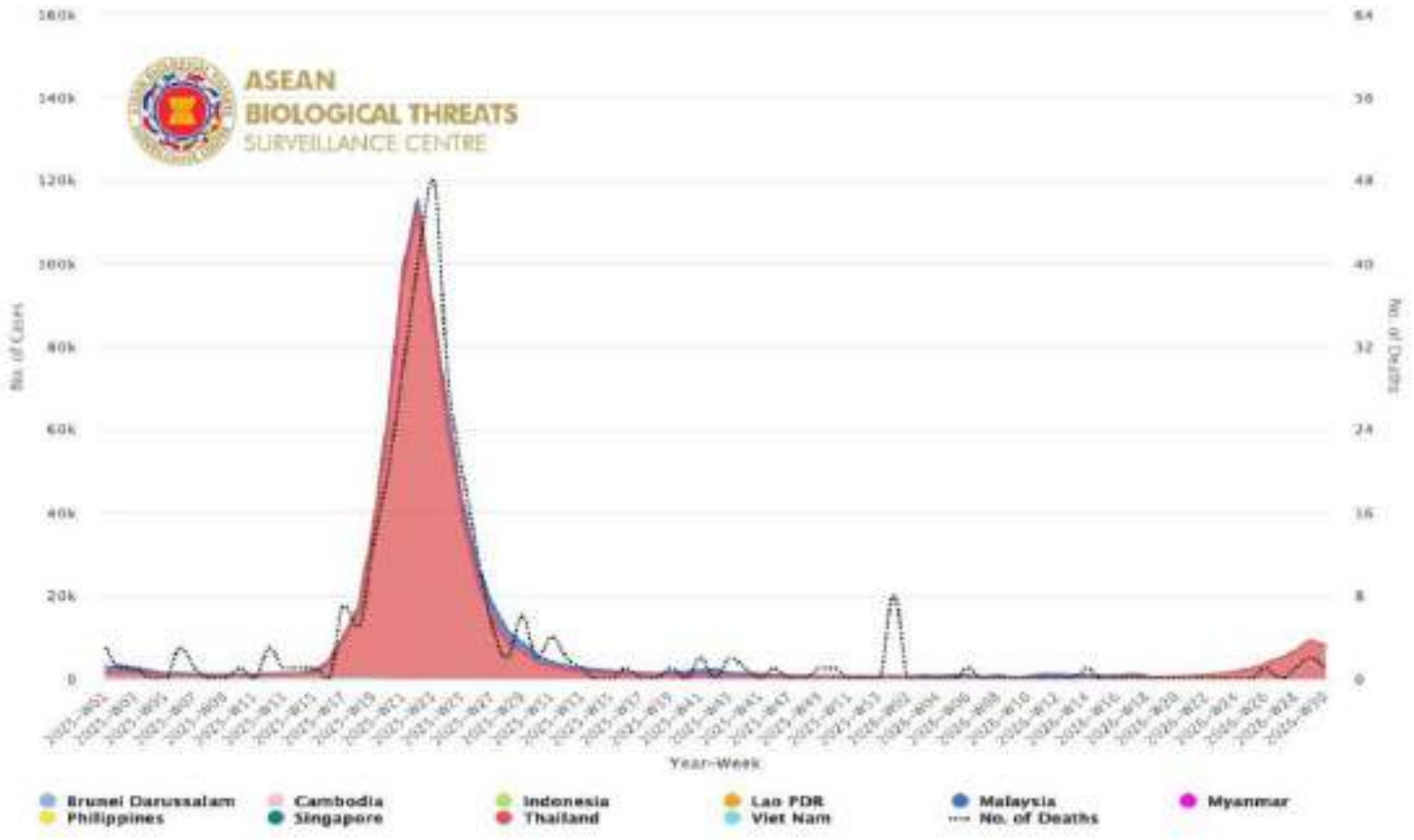
COVID-19

Key Findings

- Recently, the number of **confirmed COVID-19 cases reported to ASEAN are declining** compared to the previous year.
- The number of confirmed COVID-19 cases reported from January 1 to August 8, 2026 are **65,124 cases** with **0.01 % Case Fatality rate (CFR).**
- In August 2026**,** GISAID genomic surveillance for the latest week, lineage patterns remain heterogeneous: **JN.1** is predominant in Indonesia (55.89%); **LP.8.1** in the Philippines (71.76%); **KP.3** in Lao PDR (55.97%); **XBB.1.16** in Myanmar (52.26%); and **BA.3.2** in Vietnam (33.33%). Brunei Darussalam remains predominantly **BA.*** (77.32%), whereas Cambodia and Malaysia show diverse co-circulating lineages, with "**Other**" (30.34%) and **BA.*** (22.87%), respectively, comprising the largest shares. Singapore has a mixed profile led by **XFG** (19.36%), **NB.1.8.1** (18.53%) and **JN.1** (18.18%), while Thailand shows near co-dominance of **BA.*** (23.24%) and **JN.1** (22.40%), followed by **NB.1.8.1** (17.58%).

ASEAN Weekly COVID-19 Cases and Deaths

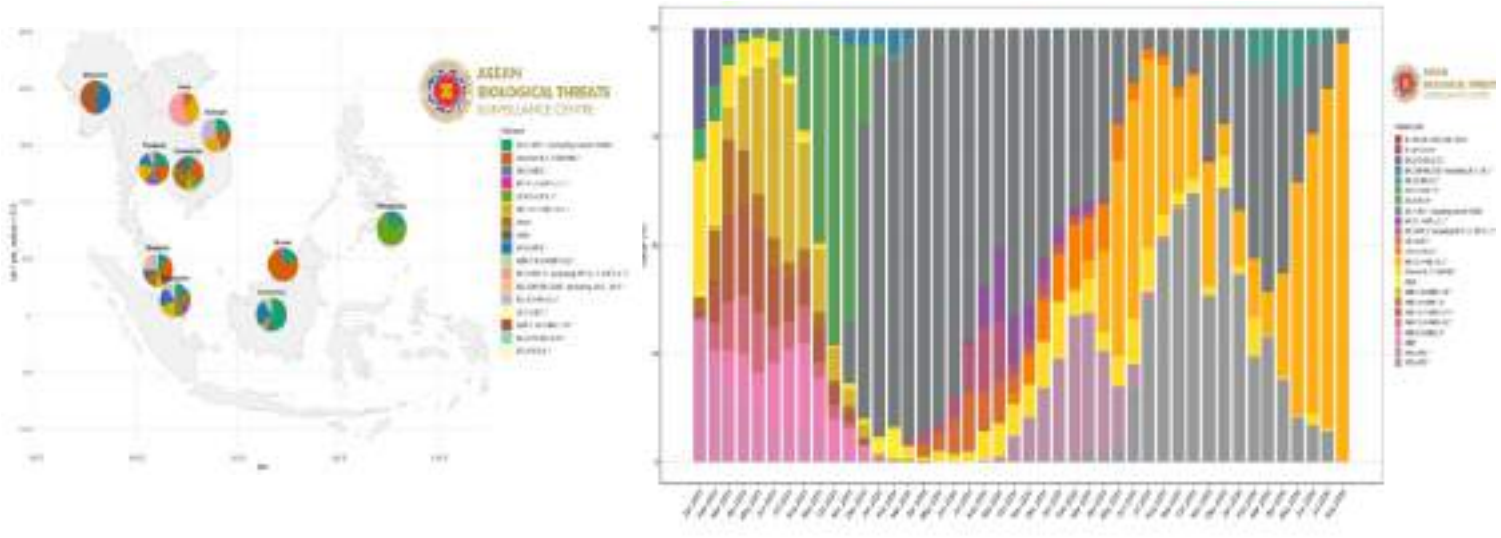
From January 1, 2025 to August 8, 2026



Sources: Singapore Government, MOH Indonesia, MOH Cambodia, DDC Thailand, MOH Myanmar, MOH Malaysia , and WHO accessed on August 11, 2026

COVID-19 Variants Frequencies Among the ASEAN Member States

As of August 2026



Source: GISAID. "hCoV-19 Variants Dashboard," accessed August 11, 2026 , https://gisaid.org/hcov-19-variants-dashboard/.

COVID-19 Variants Frequencies in the ASEAN Region

From January 2023 to August 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	19,70	77,32	2,98	0,00	0,00	0,00	0,00
Cambodia	5,15	23,92	0,29	2,26	14,46	6,21	30,34
Indonesia	55,89	1,60	0,00	0,00	0,00	5,94	0,00
Laos	0,00	9,18	1,04	0,00	0,93	32,19	0,00
Malaysia	12,61	22,87	5,53	1,50	1,59	8,35	13,53
Myanmar	5,09	1,45	0,00	0,00	0,00	0,46	0,00
Philippines	20,74	2,71	0,00	0,00	71,76	0,00	0,00
Singapore	18,18	8,97	7,71	5,35	9,93	18,53	0,00
Thailand	22,40	23,24	9,17	2,08	4,90	17,58	0,00
Vietnam	20,02	18,61	4,66	0,00	0,00	23,39	0,00

Source: GISAID. "hCoV-19 Variants Dashboard," accessed August 11, 2026 , https://gisaid.org/hcov-19-variants-dashboard/.

From January 2023 to August 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	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Cambodia	13,53	3,84	0,00	0,00	0,00	0,00	0,00	0,00
Indonesia	0,00	27,08	9,50	0,00	0,00	0,00	0,00	0,00
Laos	0,00	0,71	0,00	55,97	0,00	0,00	0,00	0,00
Malaysia	2,57	6,67	0,00	3,65	7,08	11,48	2,57	0,00
Myanmar	0,00	40,74	0,00	0,00	0,00	0,00	0,00	52,26
Philippines	0,00	4,79	0,00	0,00	0,00	0,00	0,00	0,00
Singapore	0,00	19,36	0,00	3,89	0,00	5,53	1,60	0,00
Thailand	0,00	13,41	0,00	2,77	1,39	3,07	0,00	0,00
Vietnam	0,00	0,00	0,00	0,00	0,00	33,33	0,00	0,00

Source: GISAID. "hCoV-19 Variants Dashboard," accessed August 11, 2026 , https://gisaid.org/hcov-19-variants-dashboard/.

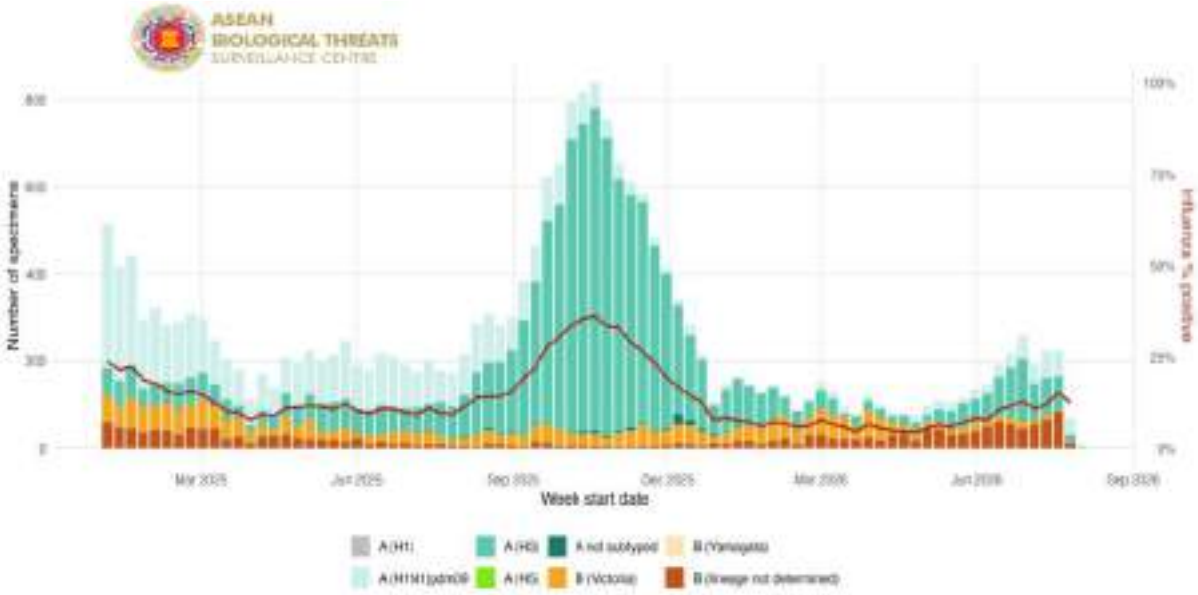
INFLUENZA

Key Findings

- Influenza activity was generally low across ASEAN Member States. The dataset is one week pending, so the latest Autoregressive integrated moving average (ARIMA) estimate is for 14 August 2026. The forecast uses post COVID-19 available weekly data and is shown to support short-term surveillance interpretation. Recent trends show activity declined after late-2025 peaks in several countries, with only low-level positivity persisting in some areas.

Trends of Influenza Confirmed Cases in the ASEAN region

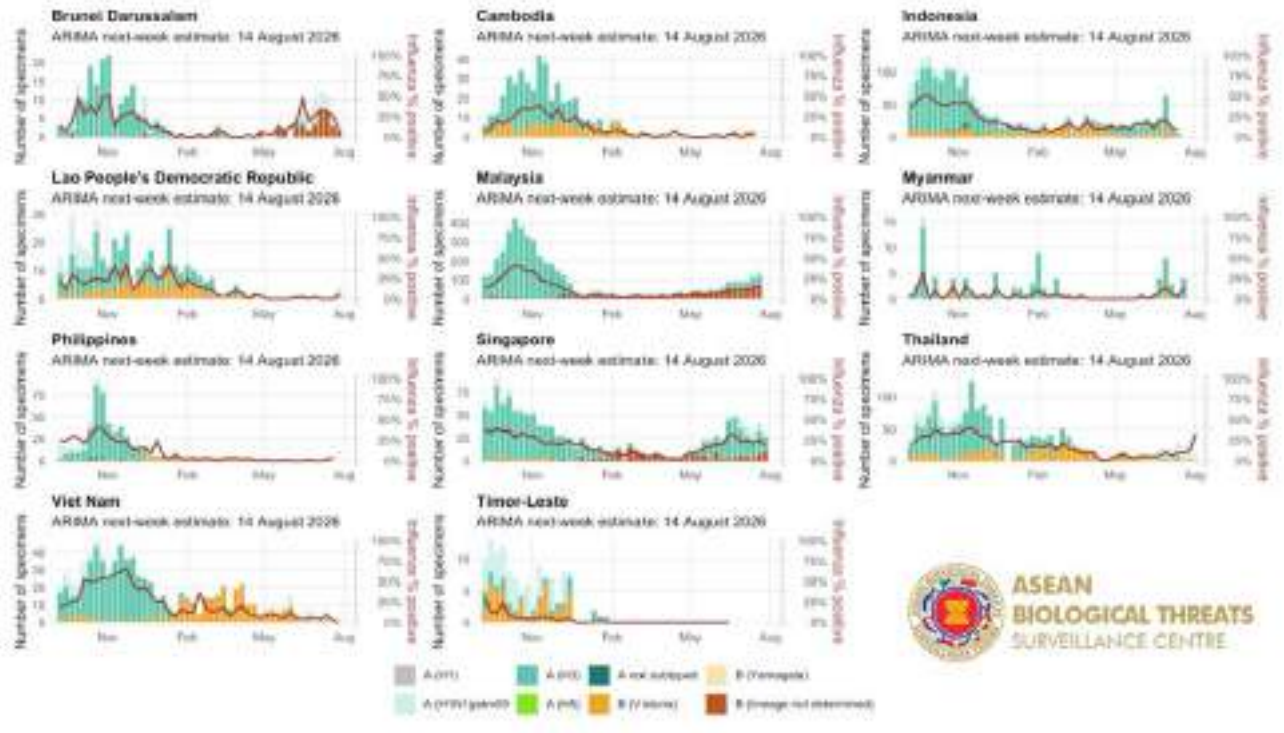
From January 1, 2025 to August 8, 2026



Source: WHO FluNet, accessed on August 11, 2026 (https://www.who.int/tools/flunet)

Trend of Influenza Cases among ASEAN Member States using ARIMA Model

September 1, 2025 to August 8, 2026

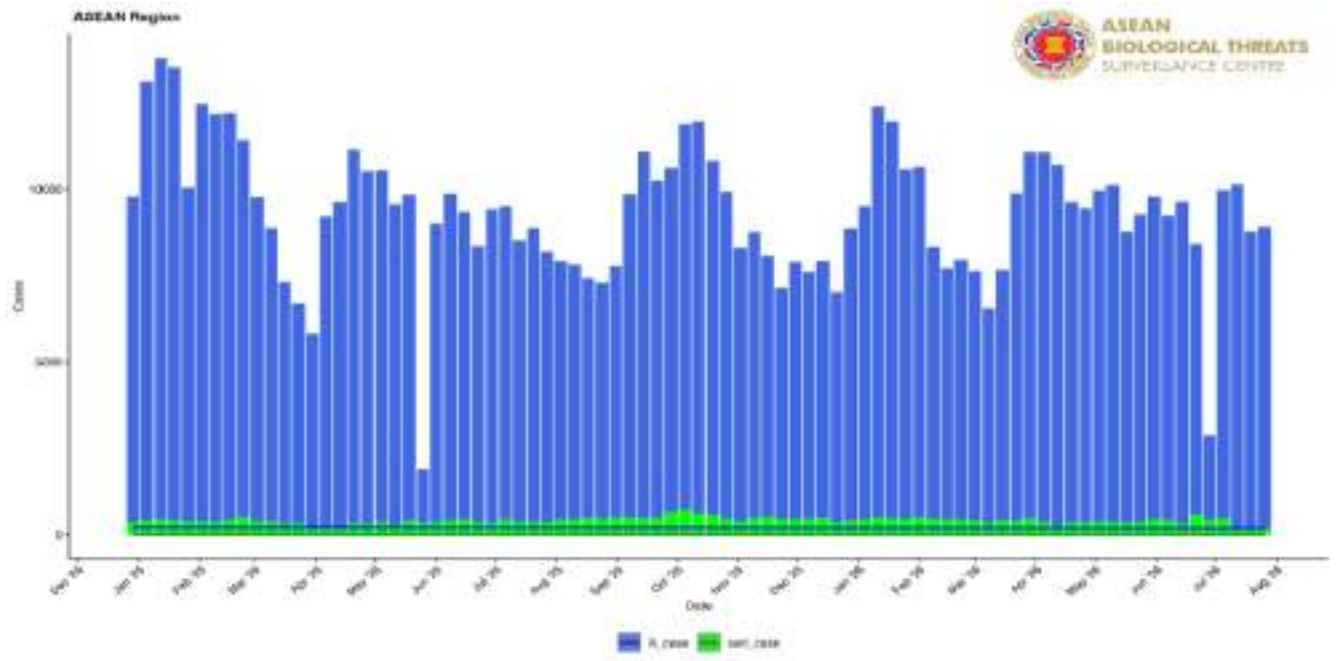


Source: WHO FluNet, accessed on August 11, 2026 (https://www.who.int/tools/flunet)

- Most of Influenza-like illness (ILI) and severe acute respiratory infection (SARI) cases were decrease among some ASEAN Member States.

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

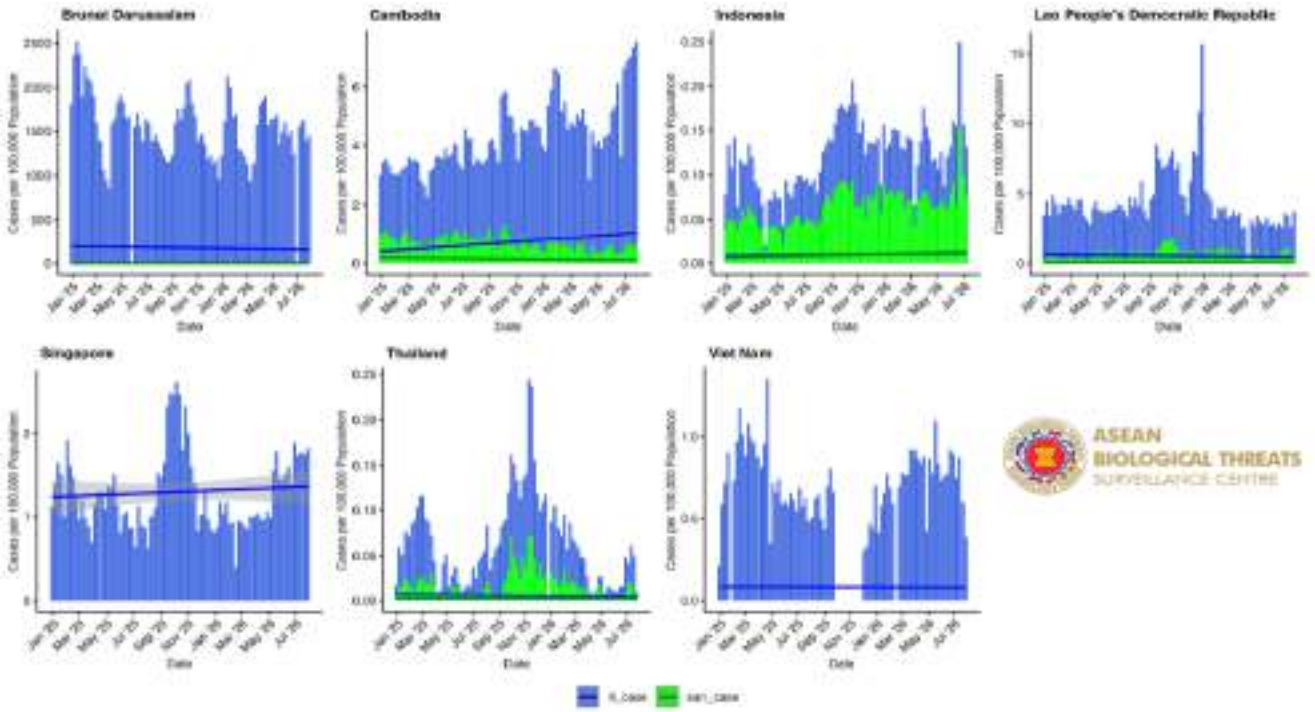
January 1, 2025 to August 8, 2026



Source: WHO FluID, accessed August 11, 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 August 8, 2026



Source: WHO FluID, accessed August 11, 2026 (https://www.who.int/teams/global-influenza-programme/surveillance-and-monitoring/influenza-surveillance-outputs)

AVIAN INFLUENZA (H5N1)

Key Findings

- In 2026, Avian Influenza (H5N1) is found in Cambodia. In Epi-week 31, there was no new case in the ASEAN region.

Distribution of Avian Influenza (H5N1) cases in the ASEAN Region

AMS	Avian Influenza (H5N1)					
			Epi-week 31		Period 2026	
	Cumulative Cases 2025	Cumulative Deaths 2025	New Cases	New Deaths	Cumulative Cases	Cumulative Deaths
Cambodia	18	9	0	0	5	1
Viet Nam	1	0	0	0	0	0
Total	19	9	0	0	5	1

Source: WHO, Ministry of Health of Cambodia.

HANTAVIRUS

Key Findings

- In 2026, hantavirus is found in Indonesia. In Epi-week 31, 2026, there was no new case of Hantavirus reported.

Distribution of Hantavirus Cases in the ASEAN Region

AMS	Hantavirus					
			Epi-week 31		Period 2026	
	Cumulative Cases 2025	Cumulative Deaths 2025	New Cases	New Deaths	Cumulative Cases	Cumulative Deaths
Indonesia	18	0	0	0	6	0
Total	18	0	0	0	6	0

Source: MoH Indonesia

LEGIONELLOSIS

Key Findings

- In 2026, the legionellosis is found in Indonesia, Singapore and Thailand. In Epi-week 31, there was no new case of Legionellosis reported in the region.

Distribution of Legionellosis Cases in the ASEAN Region

AMS	Legionellosis					
			Epi-week 31		Period 2026	
	Cumulative Cases 2025	Cumulative Deaths 2025	New Cases	New Deaths	Cumulative Cases	Cumulative Deaths
Indonesia	49	2	0	0	1	0
Singapore	62	0	0	0	30	0
Thailand	24	1	0	0	18	1
Total	135	3	0	0	49	1

Source: MoH Indonesia, MoH Singapore, MoH Thailand

MENINGOCOCCAL DISEASE

Key Findings

- In 2026, meningococcal disease is found in Indonesia, The Philippines, Singapore, Thailand, and Viet Nam. In Epi-week 31, 2026, there was no case of Meningococcal Disease reported among AMS.

Distribution of Meningococcal Disease Cases in the ASEAN Region

AMS	Meningococcal Disease					
			Epi-week 31		Period 2026	
	Cumulative Cases 2025	Cumulative Deaths 2025	New Cases	New Deaths	Cumulative Cases	Cumulative Deaths
Indonesia	0	0	0	0	1	1
Singapore	7	0	0	0	3	0
The Philippines	0	0	0	0	18	7
Thailand	39	5	0	0	20	3
Viet Nam	95	0	0	0	1	0
Total	141	5	0	0	43	11

Source: WHO, MoH Indonesia, DoH Philippines, MoH Singapore, MoH Thailand

POLIOMYELITIS

Key Findings

- In 2026, Poliomyelitis is found in Lao PDR. in Epi-week 31, there was no new case of Poliomyelitis reported.

Distribution of Poliomyelitis Cases in the ASEAN Region

AMS	Poliomyelitis					
			Epi-week 31		Period 2026	
	Cumulative Cases 2025	Cumulative Deaths 2025	New Cases	New Deaths	Cumulative Cases	Cumulative Deaths
Lao PDR	1	0	0	0	3	0
Singapore	1	0	0	0	0	0
Total	2	0	0	0	3	0

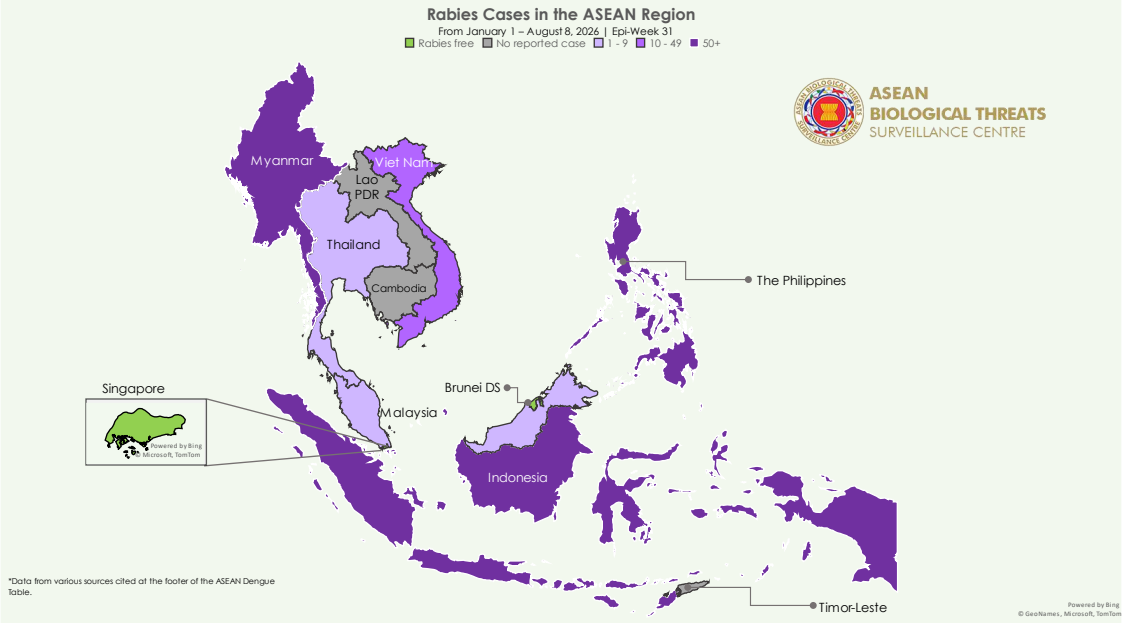
Source: WHO

Zoonosis

RABIES

Key Findings

- The **ASEAN** region reported **five** new rabies cases in Epi-week 31, 2026.
- The total number of rabies cases from January 1 to August 8, 2026 are **276** cases with **99.64%** CFR.



Rabies cases in the ASEAN region

Country	Data as of	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Brunei Darussalam			Rabies-free country		
Cambodia	-	-	-	-	-
Indonesia[1]	July 18	58	-	58	100%
Lao PDR	-	-	-	-	-
Malaysia[2]	June 27	5	-	5	100%
Myanmar[3]	August 1	75	-	75	100%
Philippines[4]	May 9	93	4	93	100%
Singapore			Rabies-free country		
Thailand[5]	August 8	7	1	6	86%
Timor-Leste	-	-	-	-	-
Viet Nam[2]	August 1	39	-	39	100%
Total		**277**	**5**	**276**	**99.64%**

Source:
1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed August 11, 2026 (https://portal.bluedot.global/)
3. Department of Public Health, Ministry of Health, Myanmar
4. Department of Health, Philippines. "Epidemiology Bureau Weekly Surveillance Report", accessed August 11, 2026. (https://doh.gov.ph/health-statistics/)
5. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed August 11, 2026 , (https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/_Weekly/sheet13?%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=card_share_link)

Vector-Borne Diseases

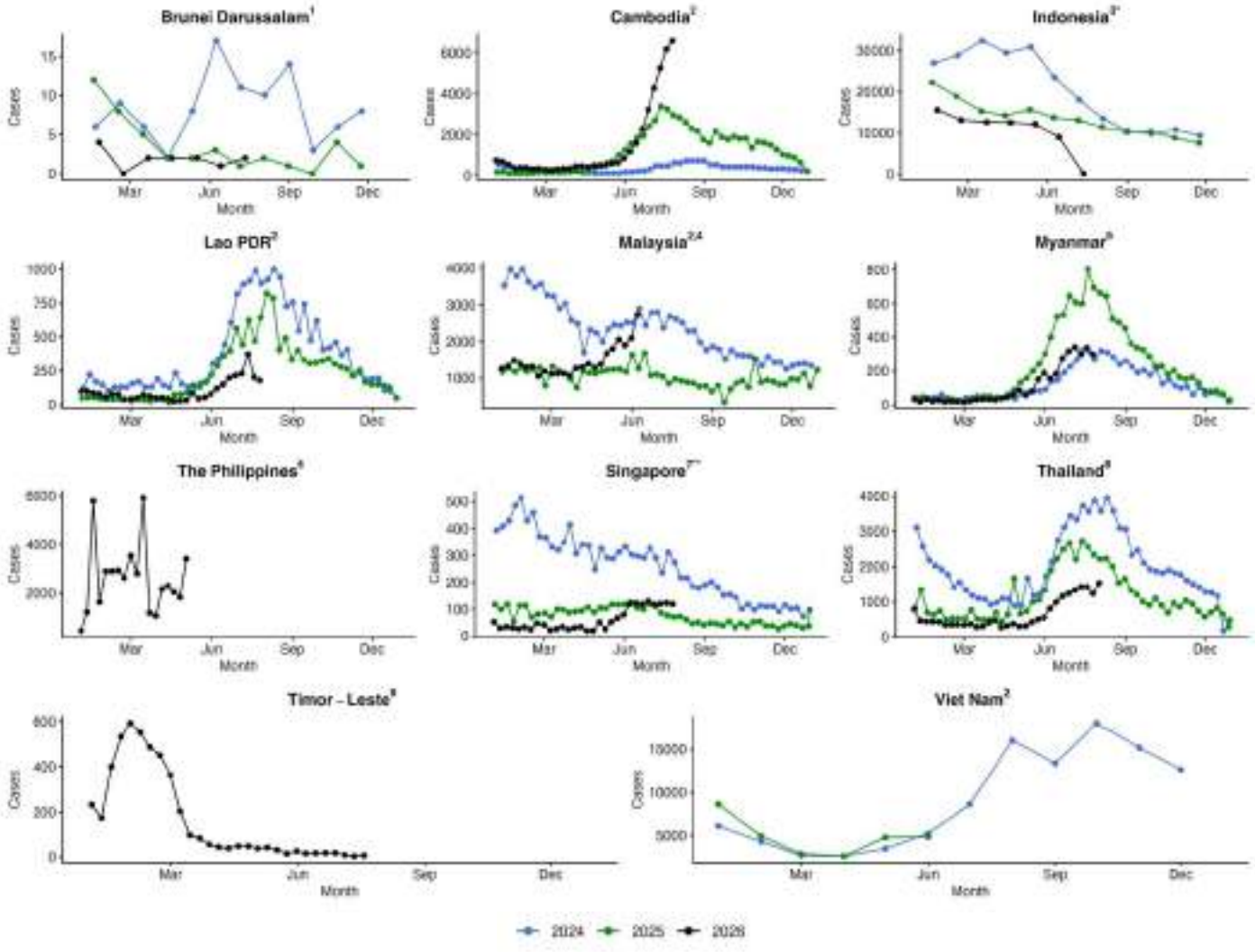
DENGUE

Key Findings

- The **ASEAN** region reported **36,234** new dengue cases in Epi-week 31, 2026.
- The total number of dengue cases from January 1 to August 8, 2026 are **303,228** cases and **508** deaths with **0.17% 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 August 8, 2026.



Source:

1. Ministry of Health, Brunei Darussalam
2. WHO WPRO, "Dengue," World Health Organization, accessed August 11, 2026 (https://www.who.int/westernpacific/emergencies/surveillance/dengue).
3. Ministry of Health, Republic of Indonesia
4. Portal Rasmi iDengue untuk Komuniti, accessed August 11, 2026 (https://idengue.mysa.gov.my/)
5. Department of Public Health, Ministry of Health, Myanmar
6. Department of Health, Philippines. "Epidemiology Bureau Weekly Surveillance Report", accessed August 11, 2026. (https://doh.gov.ph/health-statistics/)
7. Ministry of Health. "Weekly Infectious Disease Bulletin", accessed August 11, 2026. (https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2025/weekly-infectious-diseases-bulletin)
8. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed August 11, 2026 , (https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/_Weekly/sheet13?%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=card_share_link)
9. Ministry of Health, Timor-Leste

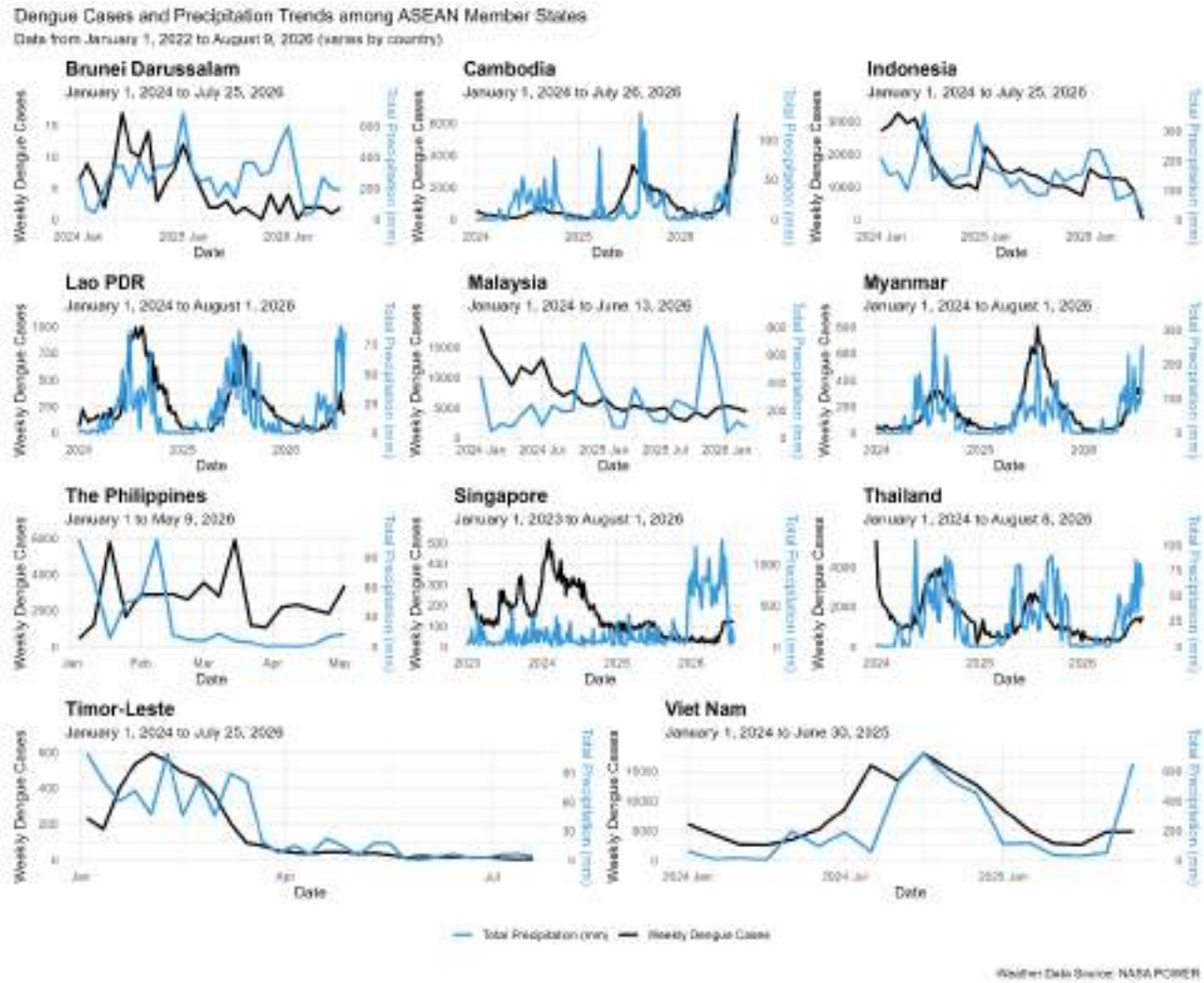
- Data were updated and collected from official sources, which may have a 2-8 weeks delay in reporting. Data must be interpreted cautiously.
*Notified dengue cases only includes severe cases Dengue Hemorrhagic fever (DHF) and Dengue Shock Syndrome (DSS)
**Notified dengue cases only includes Dengue Fever (DF) and DHF

Comparison between Precipitation (Rainfall) and Dengue Cases in the ASEAN region

This summary describes the dengue fever and precipitation patterns shown in the country visualization. It focuses on observed dengue fever cases and rainfall intensity (precipitation) based on data from January 1, 2022 to August 1, 2026.

Overall, the analysis suggests that dengue activity across the countries shown is highly seasonal, with several countries experiencing case increases during or shortly after periods of elevated rainfall. This pattern is most apparent in Lao PDR, Myanmar, Thailand, Timor-Leste, and Viet Nam, where dengue peaks broadly coincide with rainy periods or follow rainfall increases. In Cambodia, a major dengue increase occurred in mid-2025, with weekly cases rising sharply to more than 3,000 following periods of increased precipitation. In Viet Nam, dengue cases rose markedly in mid-2024 alongside increasing precipitation, peaking during the wetter months before declining into 2025. Timor-Leste, with data available for early 2026, showed dengue cases peaking after relatively high rainfall early in the year, followed by a decline as precipitation decreased.

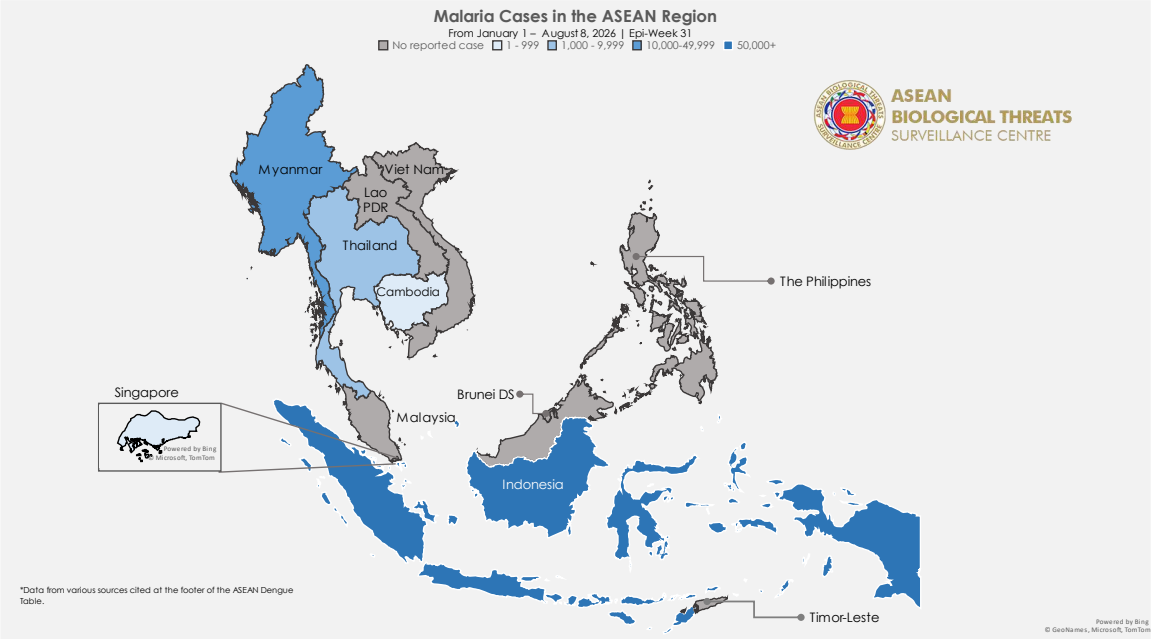
Other countries showed weaker or less consistent visual alignment. Indonesia had very high dengue activity in early 2024, followed by a gradual decline despite continued rainfall variability. Malaysia also showed a declining dengue trend over time, with rainfall spikes not consistently followed by comparable increases in cases. Singapore experienced a large dengue peak in early 2024, while later periods of high precipitation did not produce a similarly large increase. Brunei Darussalam had relatively low case counts overall, with no clear consistent relationship between rainfall and dengue activity.



MALARIA

Key Findings

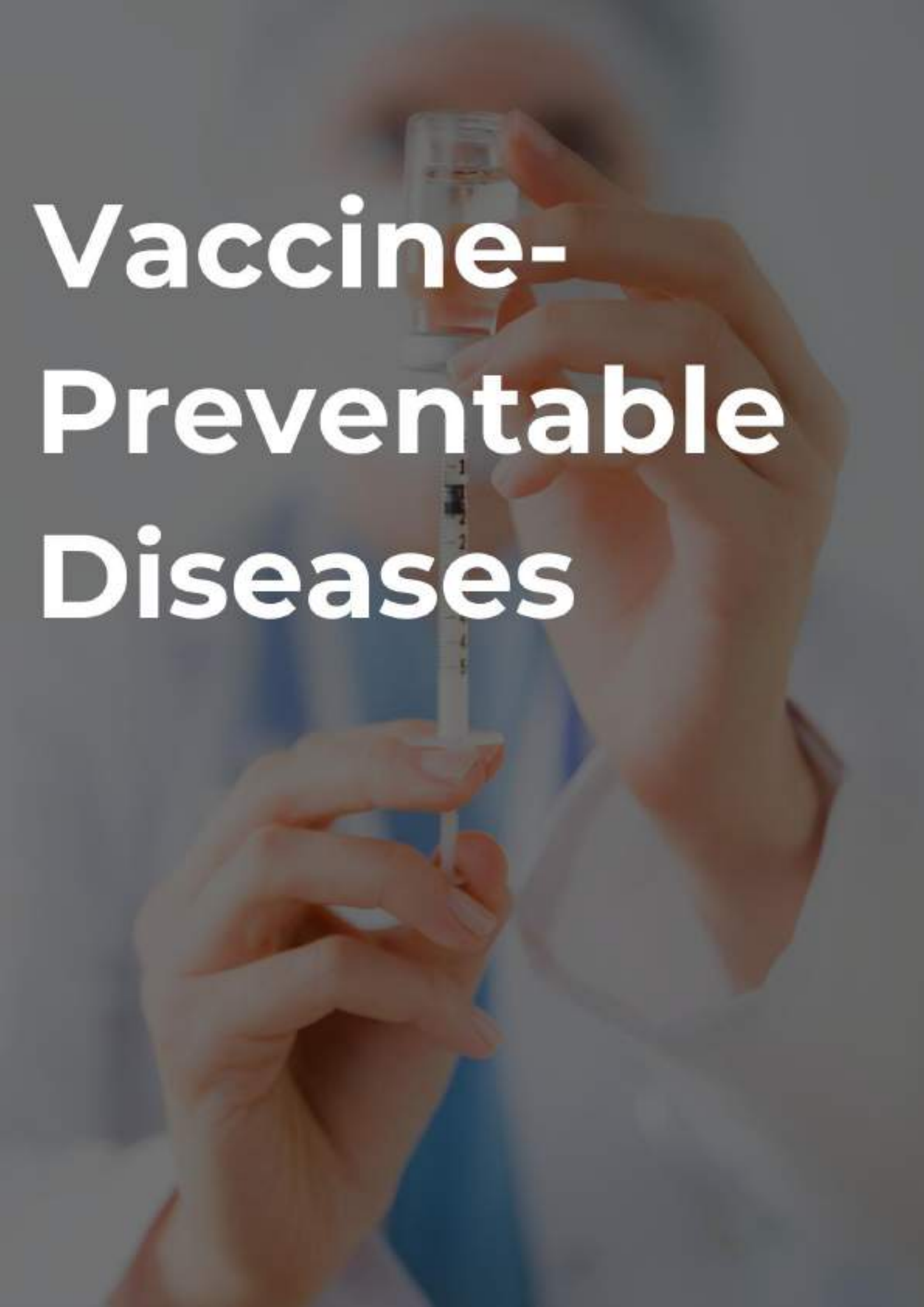
- The **ASEAN** region reported **112** new malaria cases in Epi-week 31, 2026.
- The total number of malaria cases from January 1 to August 8, 2026 are **455,126** cases and **183** deaths with **0.04%** CFR.



Malaria cases in the ASEAN region

Country	Data as of	Cumulative Cases	New Cases Since Last Week	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia[1]	August 1	13	0	0	0.00%
Indonesia[2]	August 1	381,018	-	173	0.05%
Lao PDR	-	-	-	-	-
Malaysia	-	-	-	-	-
Myanmar[3]	June 30	70,466	-	7	0.01%
Philippines	-	-	-	-	-
Singapore[4]	August 1	21	2	0	0.00%
Thailand[5]	August 8	3,608	110	3	0.08%
Timor-Leste	-	-	-	-	-
Viet Nam	-	-	-	-	-
Total		**455,126**	**112**	**183**	**0.04%**

Source:
1. Cambodia National Malaria Center, accessed August 11, 2026 (https://mis.cnm.gov.kh/Dashboard)
2. Malaria Cases in Indonesia, accessed August 11, 2026 (https://malaria.kemkes.go.id/case)
3. Department of Public Health, Ministry of Health, Myanmar
4. Ministry of Health Singapore, accessed August 11, 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 August 11, 2026 (https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/_Weekly/sheet13?%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=card_share_link)



Vaccine-Preventable Diseases

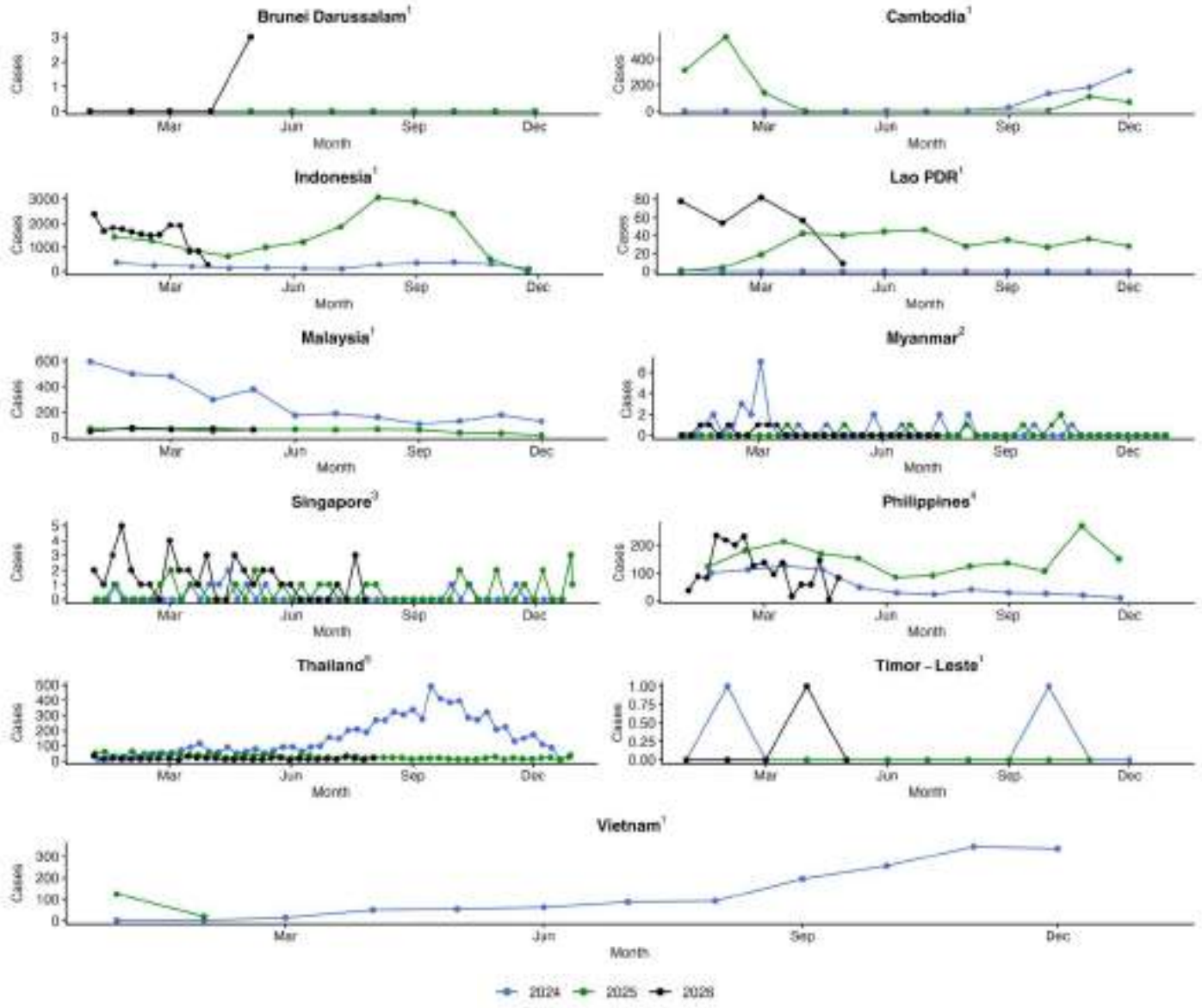
MEASLES

Key Findings

- The **ASEAN** region reported **24** new measles cases in Epi-week 31, 2026.
- The total number of measles cases from January 1 to August 8, 2026 are **8,750** cases with **0.06%** 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 August 8, 2026.



Source:
1. Provisional Measles and Rubella Data, World Health Organization, accessed August 11, 2026 (https://immunizationdata.who.int/global?topic=Provisional-measles-and-rubella-data&location=)Provisional Measles and Rubella Data, World Health Organization, accessed August 11, 2026 (https://immunizationdata.who.int/global?topic=Provisional-measles-and-rubella-data&location=)
2. Department of Public Health, Ministry of Health, Myanmar
3. Ministry of Health Singapore, accessed August 11, 2026 (https://www.moh.gov.sg/others/resources-and-statistics/infectious-disease-statistics-2025-weekly-infectious-diseases-bulletin)
4. Department of Health, Philippines. "Epidemiology Bureau Weekly Surveillance Report", accessed August 11, 2026. (https://doh.gov.ph/health-statistics/)
5. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed August 11, 2026 (https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/_Weekly/sheet13?%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=card_share_link

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