



**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
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

ASEAN SECRETARIAT

Assistant Director and Head of Health Division
Human Development Directorate

ASEAN Socio-Cultural Community Department

Jennifer Frances dela Rosa, MPH, MSc HPPF

Programme Coordinator (Health Security)

Mitigation of Biological Threats (MBT) Programme

Michael Glen, MSSc

EDITORIAL TEAM

Editor-in-Chief

Abdurrahman, MPH

Managing Editor

Aldilas Achmad Nursetyo, MD, MS

Associate Editor

Abdul Haris Ibrahim, MHI

Habibi Rohman Rosyad, MSc

Nindy Fadellah Wulan, MPH

Copy Editor

Ajeng Sekar Pratiwi, A.Md

Dwi Sasongko, A.Md.

Supporting Staff

Svetlana Pratiwi, SKM

Divva Kaamila, S.Tr.Kom

Natasha Alicia Putri, S.Tr.Kom

PUBLISHER

ASEAN Biological Threat Surveillance Centre

Health Policy Agency

Ministry of Health of Indonesia

Jl. Percetakan Negara No. 29 Johar Baru, Central Jakarta, Indonesia 10560

E-mail: support@aseanbiosurveillance.org

Facebook: <https://www.facebook.com/abvc.official/>

Instagram: <https://www.instagram.com/abvc.official/>

Table of Contents

Emerging Diseases	2
Mpox	3
COVID-19	7
Influenza	9
Avian Influenza (H5N1)	11
Hantavirus	11
Legionellosis	11
Meningococcal Disease	12
Poliomyelitis	12
Zoonosis	11
Rabies	12
Vector-borne Diseases.....	13
Dengue	14
Malaria	15
Vaccine-preventable Diseases.....	16
Measles	17

Emerging Diseases

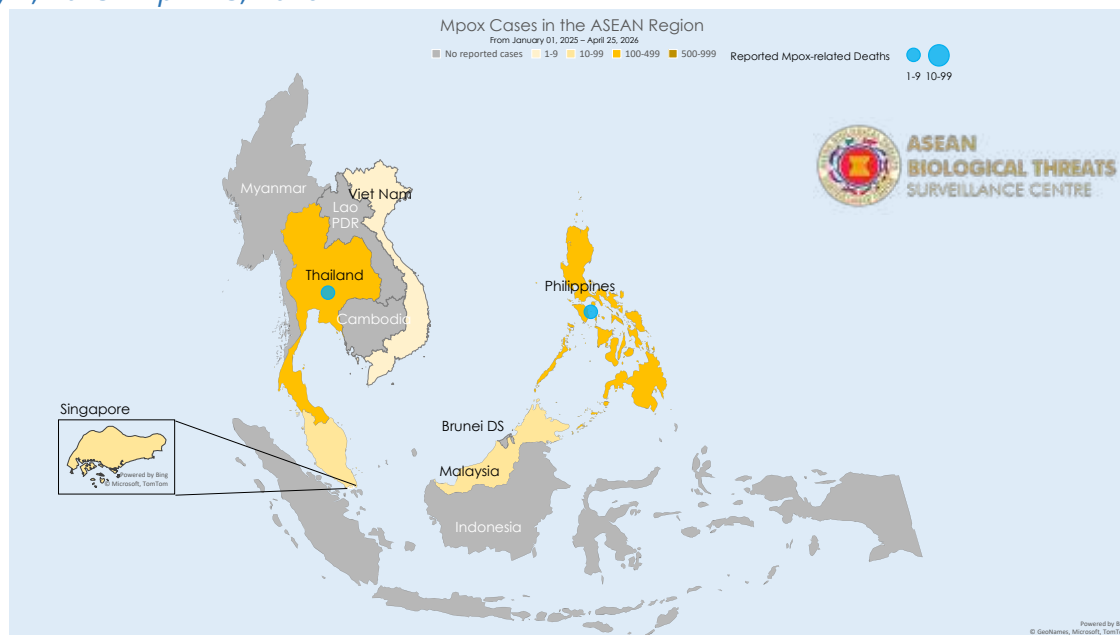
A person wearing a full-body white protective suit, a hood, and a face mask is shown. They are also wearing black gloves. The person is holding a small, dark object in their gloved hand. The background is blurred, suggesting an indoor setting like a laboratory or hospital.



MPOX

Mpox Cases Reported in the ASEAN Region

January 1, 2025 – April 25, 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 April 28, 2026 (https://worldhealthorg.shinyapps.io/mpox_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed April 28, 2026, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

Key Findings

- The number of Mpox cases from January 1 to April 25, 2026, are **49 cases** with **two deaths**.
- There were **no new cases of Mpox** in epi-week 16 of 2026.
- **59,940 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 25 April, 2026)

ASEAN Member States	Cumulative Cases in 2025	Cumulative Deaths in 2025 (CFR)	Cumulative Cases in 2026	New Cases in epi-week 16	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%)	4	0	0 (0.00%)
Philippines³	286	6 (2.10%)	0	0	0 (0.00%)
Singapore⁴	23	0 (0.00%)	11	0	0 (0.00%)
Thailand³	157	3 (1.91%)	34	0	2 (5.88%)
Vietnam³	2	0 (0.00%)	0	0	0 (0.00%)
ASEAN Total	482	9 (1.87%)	49	0	2 (4.08%)

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 April 28, 2026 (https://worldhealthorg.shinyapps.io/mpox_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed April 28, 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 Apr. 25, 2026)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	24,171	266	51	0.21%
Uganda	7,160	0	39	0.54%
Sierra Leone	5,442	0	60	1.10%
United States of America	2,938	159	0	0.00%
Guinea	2,287	32	7	0.31%

Source: WHO Mpox Outbreak: Global Trends, accessed April 28, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)

Mpox cases per region (Jan. 1, 2025 to Apr. 25, 2026)

REGIONS	CUMULATIVE CASES 2025-2026	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA ¹	47.693	732	217	0,45%
AMERICAS ¹	6.584	483	9	0,14%
ASEAN ¹	531	-	11	2,07%
ASIA & OCEANIA ²	2.170	58	-	0,00%
EUROPE ¹	3.493	113	1	0,03%
TOTAL	60.471	1,386	238	0,39%

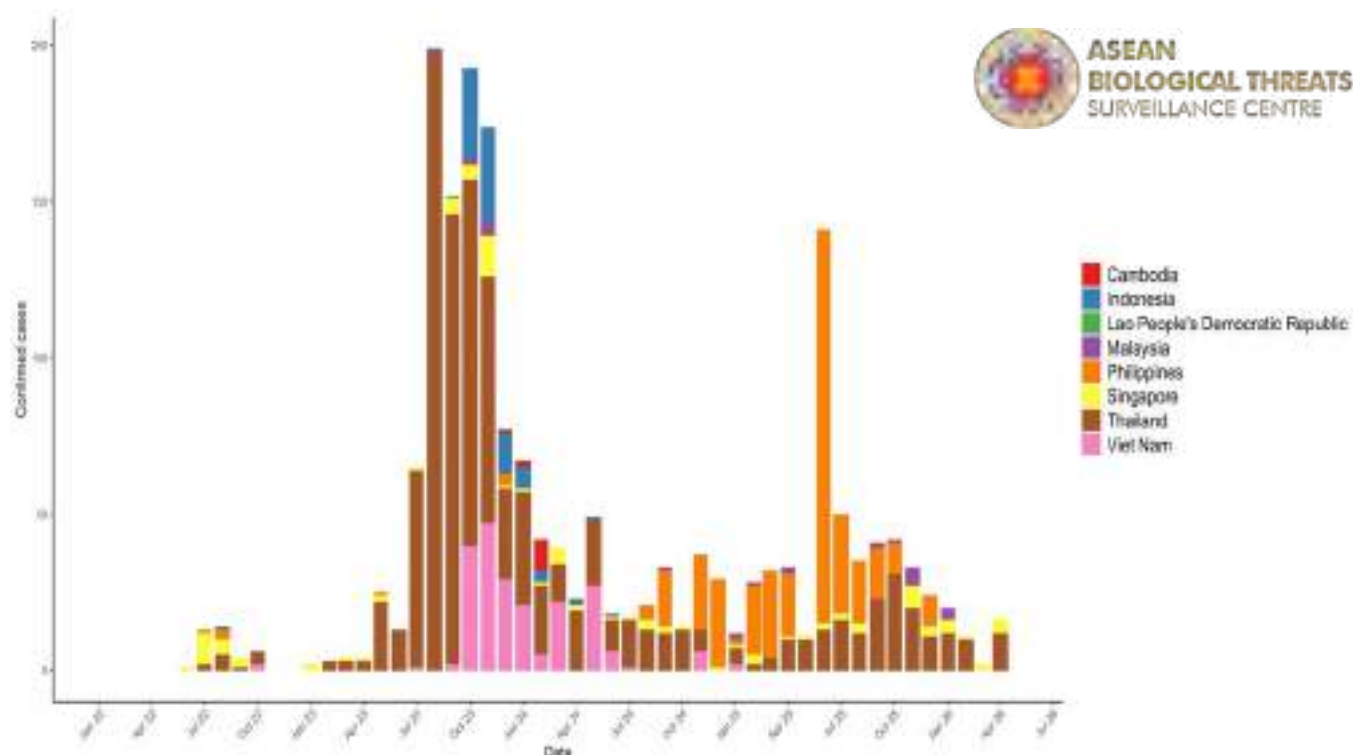
Source:

1. WHO Mpox Outbreak: Global Trends, accessed April 28, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)

2. Our World in Data, accessed April 28, 2026 (<https://ourworldindata.org/mpox>)

Trend of Mpox Confirmed Cases in the ASEAN Region

January 1, 2022 to April 25, 2026



Source:

1. Ministry of Health Cambodia

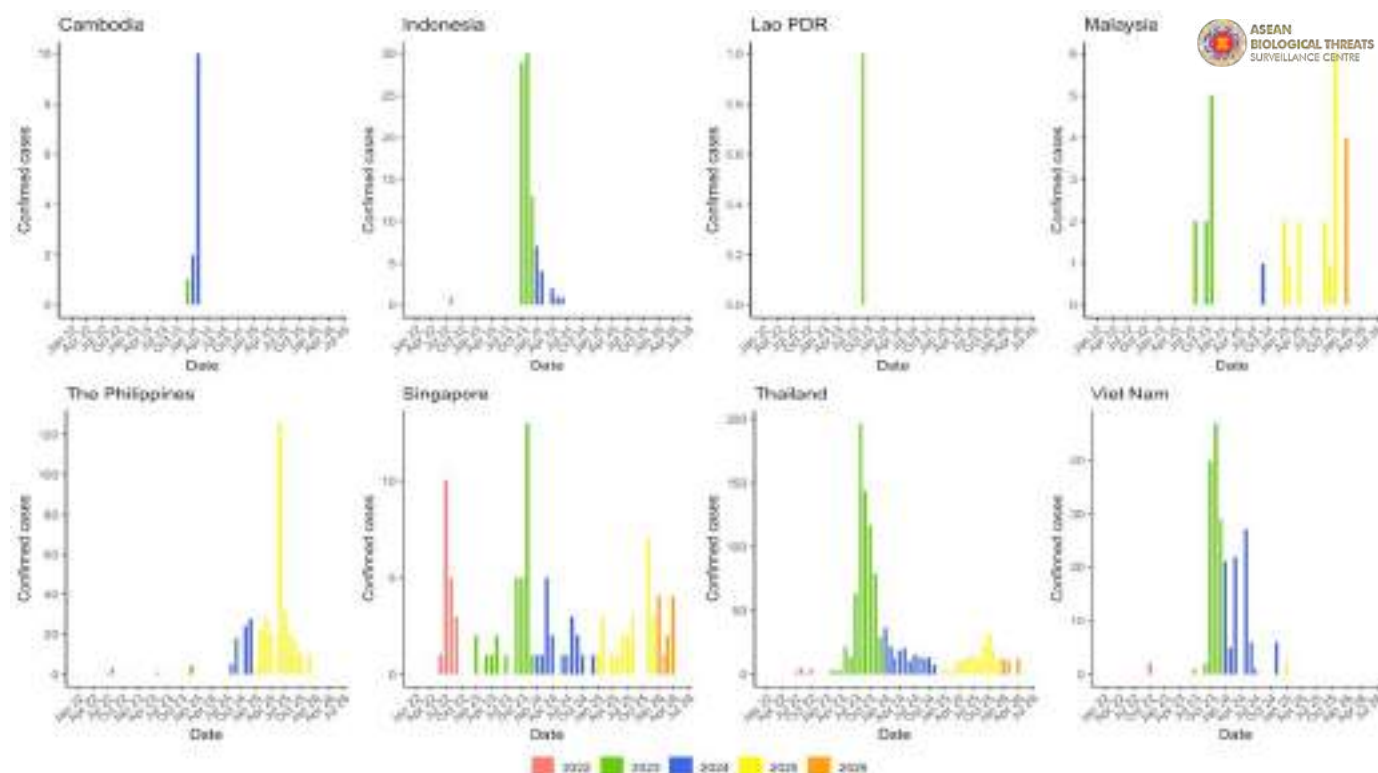
2. Ministry of Health Republic of Indonesia (<https://infeksiemerging.kemkes.go.id>)

3. WHO Mpox Outbreak: Global Trends, accessed April 28, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)

4. Communicable Disease Agency, Ministry of Health Singapore, accessed April 28, 2026, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

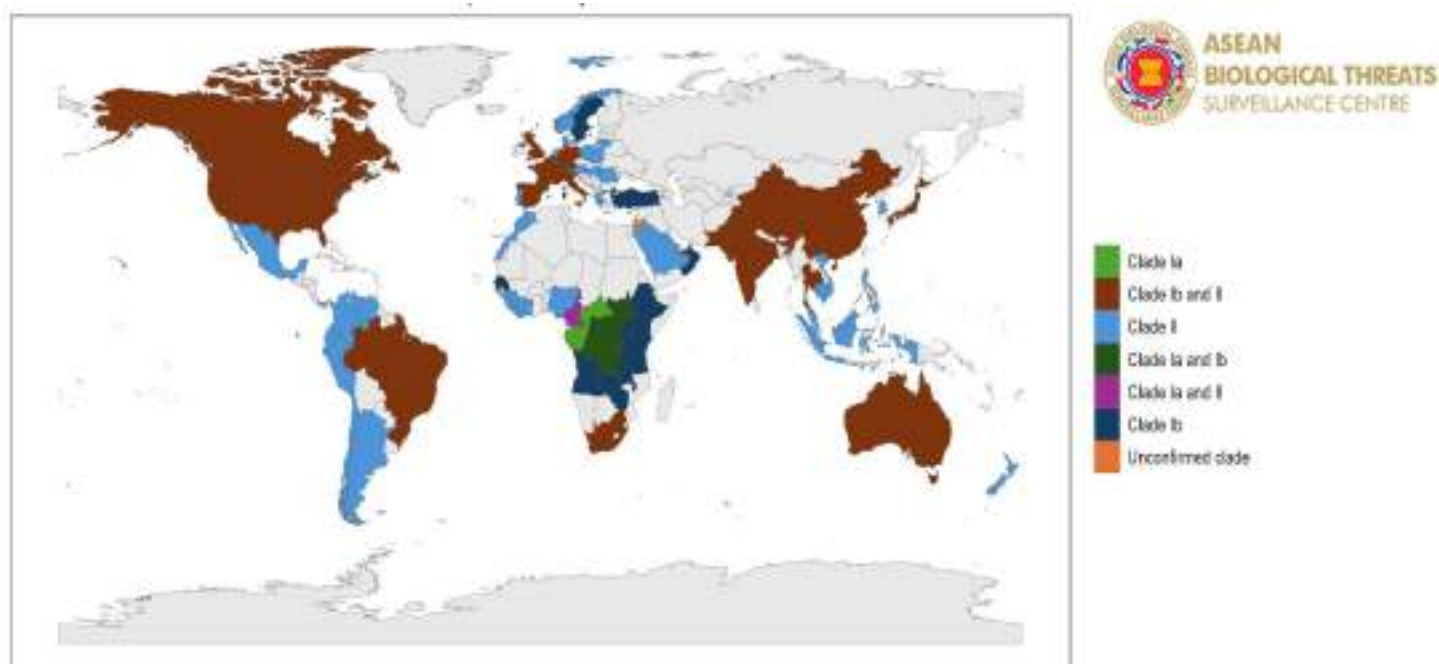
Trend of Mpox Confirmed Cases among ASEAN Member States

January 1, 2022 to April 25, 2026



Distribution of Mpox Variants in The Global

As of April 25, 2026



Source: GISAID and WHO

Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas As of April 25, 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 April 28, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed April 28, 2026, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>



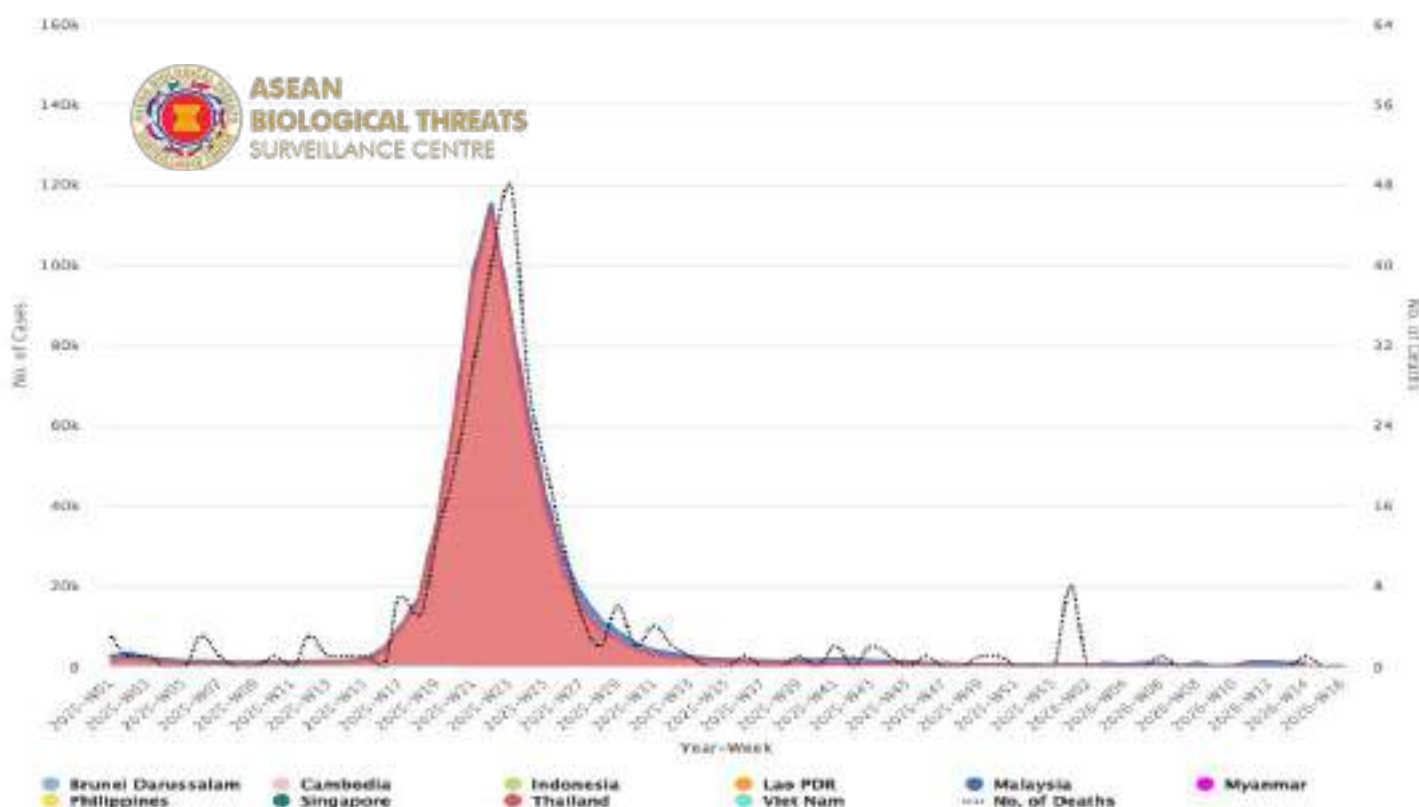
COVID-19

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 1 January 2026 to 25 April 2026 are **9,828 cases** with **0.1 % Case Fatality rate (CFR)**
- In April 2026, this week continues to show a stable **Omicron-only** landscape across ASEAN, with no new variant of concern detected. **JN.1** and its monitored descendants (including **LP.8.1**, **NB.1.8.1**, **KP.3**, **XEC** and **XFG**) remain predominant in Indonesia, the Philippines, Laos, Singapore, Thailand and Vietnam, while Brunei is still largely driven by earlier **BA.*** lineages and Myanmar by **XBB.1.16** and related **XBB** lineages, indicating heterogeneous but overall stable variant patterns in the region.

ASEAN Weekly COVID-19 Cases and Deaths

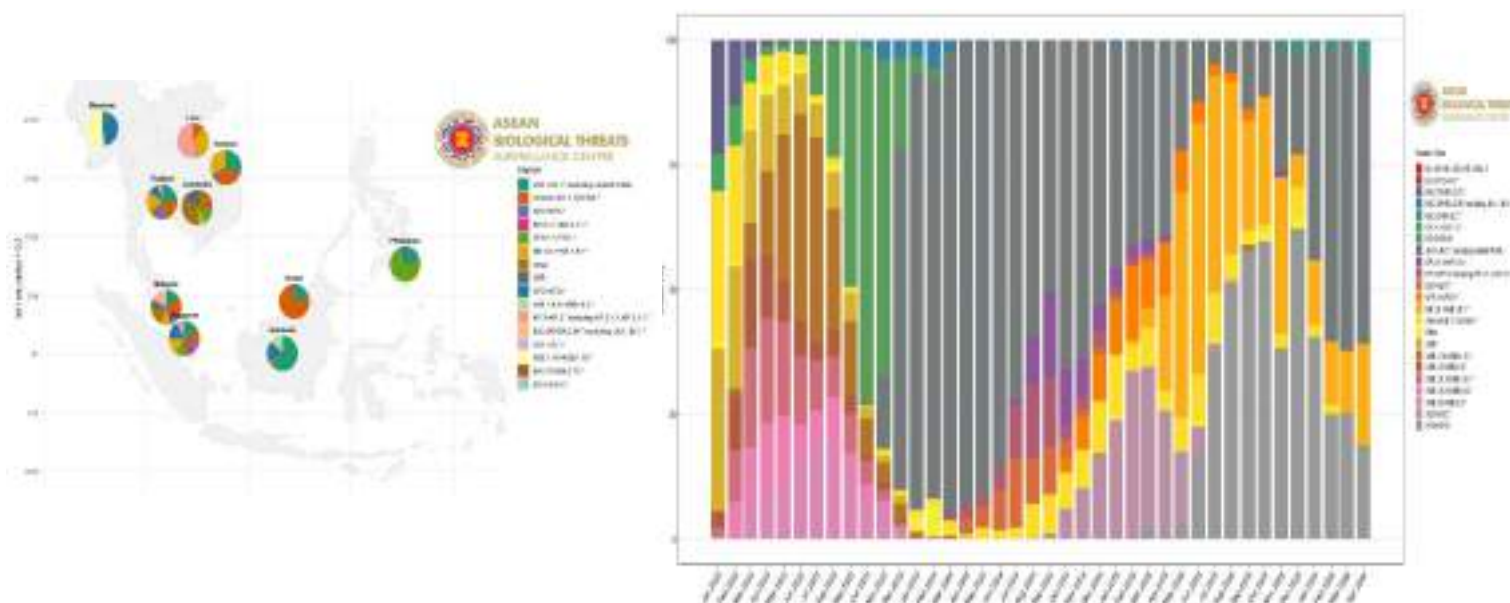
From January 1, 2025 to April 25, 2026



Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), [MOH Myanmar](#), [MOH Malaysia](#), and [WHO](#) accessed on April 28, 2026



COVID-19 Variants Frequencies Among the ASEAN Member States As of April 2026



Source: GISAID. "hCoV-19 Variants Dashboard," accessed April 28, 2026 , <https://gisaid.org/hcov-19-variants-dashboard/>.

COVID-19 Variants Frequencies in the ASEAN Region

From January 2023 to April 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	19.71	77.31	2.98	0.00	0.00	0.00	0.00
Cambodia	5.75	15.92	0.34	2.64	16.91	6.80	35.47
Indonesia	62.63	2.30	0.00	0.00	0.00	1.70	0.00
Laos	0.00	9.11	1.03	0.00	0.93	32.65	0.00
Malaysia	15.03	20.12	7.45	2.02	2.14	9.51	18.24
Myanmar	5.10	1.45	0.00	0.00	0.00	0.46	0.00
Philippines	20.53	2.71	0.00	0.00	71.61	0.00	0.00
Singapore	17.13	12.45	9.60	6.95	12.90	16.82	0.00
Thailand	24.53	21.07	11.30	2.56	6.03	18.53	0.00
Vietnam	30.84	29.09	7.23	0.00	0.00	32.84	0.00

Source: GISAID. "hCoV-19 Variants Dashboard," accessed April 28, 2026 , <https://gisaid.org/hcov-19-variants-dashboard/>.

From January 2023 to April 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	15.82	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Indonesia	0.00	19.74	13.63	0.00	0.00	0.00	0.00	0.00
Laos	0.00	0.70	0.00	55.58	0.00	0.00	0.00	0.00
Malaysia	3.47	4.10	0.00	4.91	9.54	3.47	0.00	0.00
Myanmar	0.00	40.90	0.00	0.00	0.00	0.00	52.09	0.00
Philippines	0.00	5.15	0.00	0.00	0.00	0.00	0.00	0.00
Singapore	0.00	16.20	0.00	5.05	0.00	2.08	0.00	0.42
Thailand	0.00	10.86	0.00	3.42	1.71	0.00	0.00	0.00
Vietnam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Source: GISAID. "hCoV-19 Variants Dashboard," accessed April 28, 2026 , <https://gisaid.org/hcov-19-variants-dashboard/>.



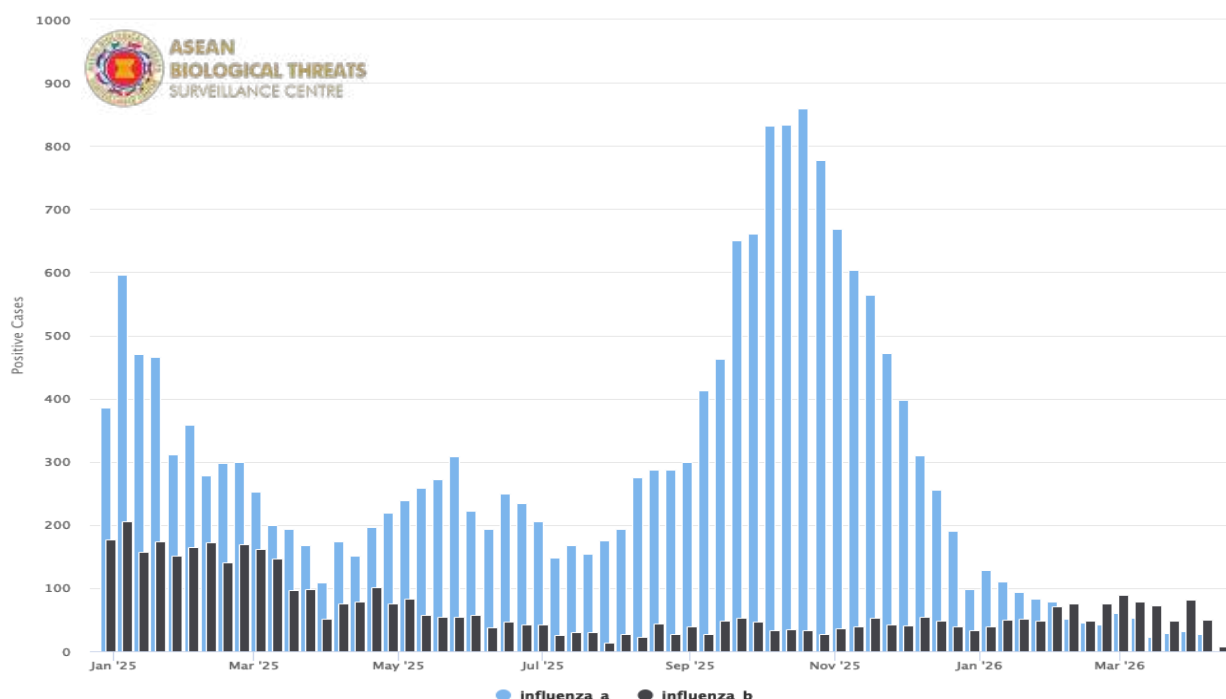
INFLUENZA

Key Findings

- Recently, most influenza cases among ASEAN Member States had decreased.
- Most of 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

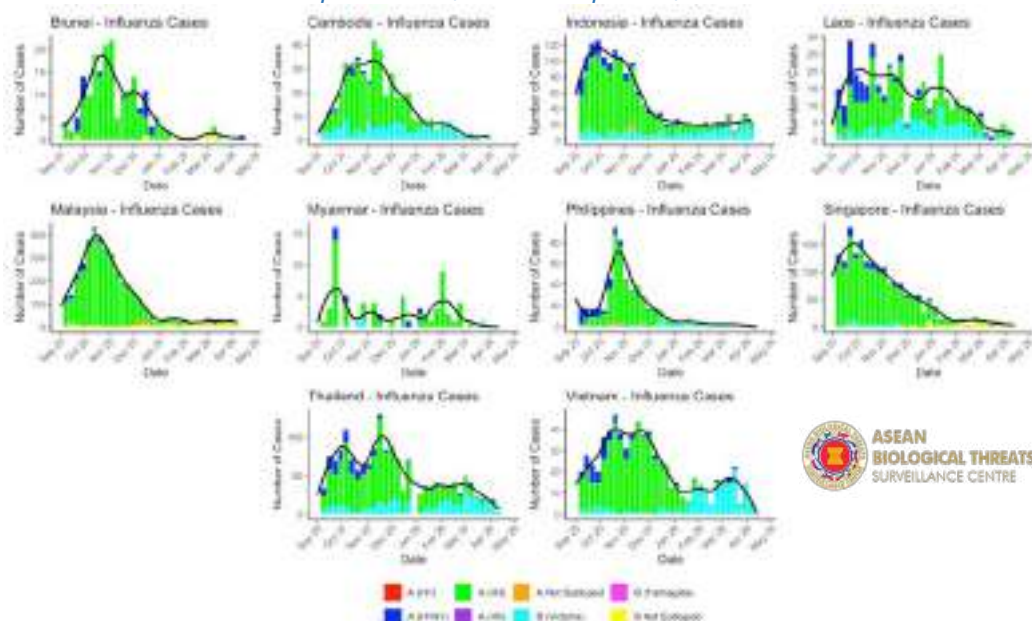
From January 1, 2025 to April 25, 2026



Source: WHO FluNet, accessed on April 28, 2026 (<https://www.who.int/tools/fluNet>)

Trend of Influenza Cases among ASEAN Member States

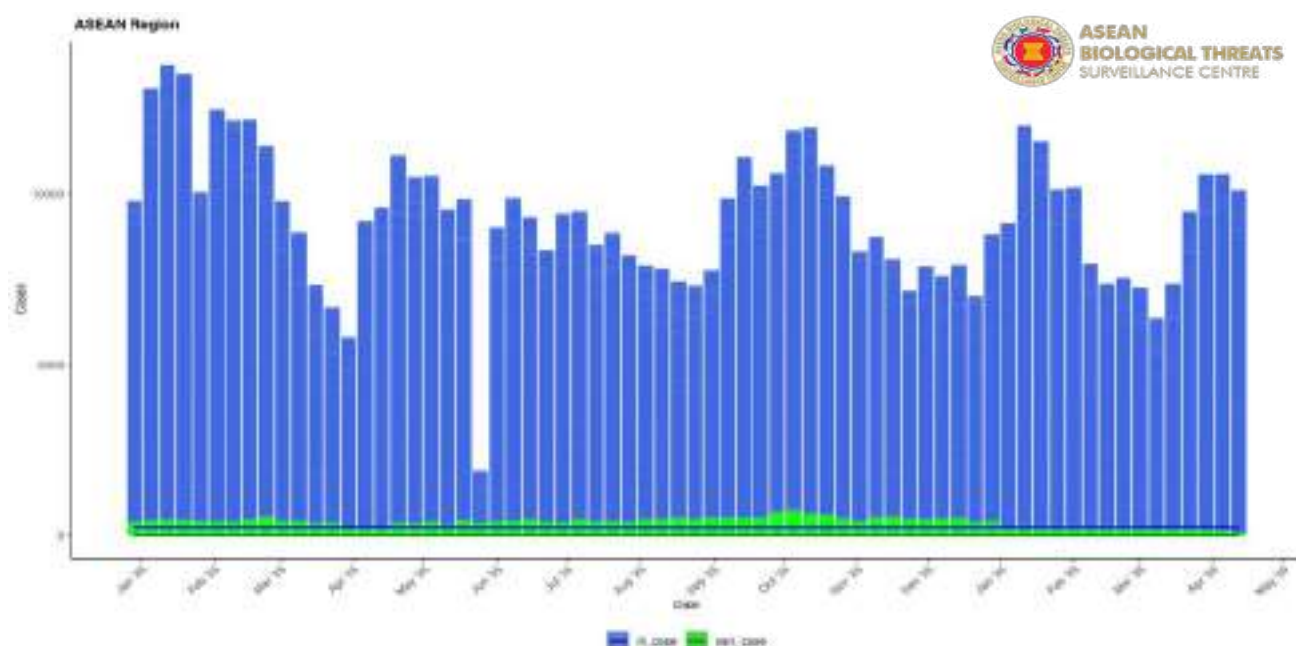
September 1, 2025 to April 25, 2026



Source: WHO FluNet, accessed on April 28, 2026 (<https://www.who.int/tools/fluNet>)

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

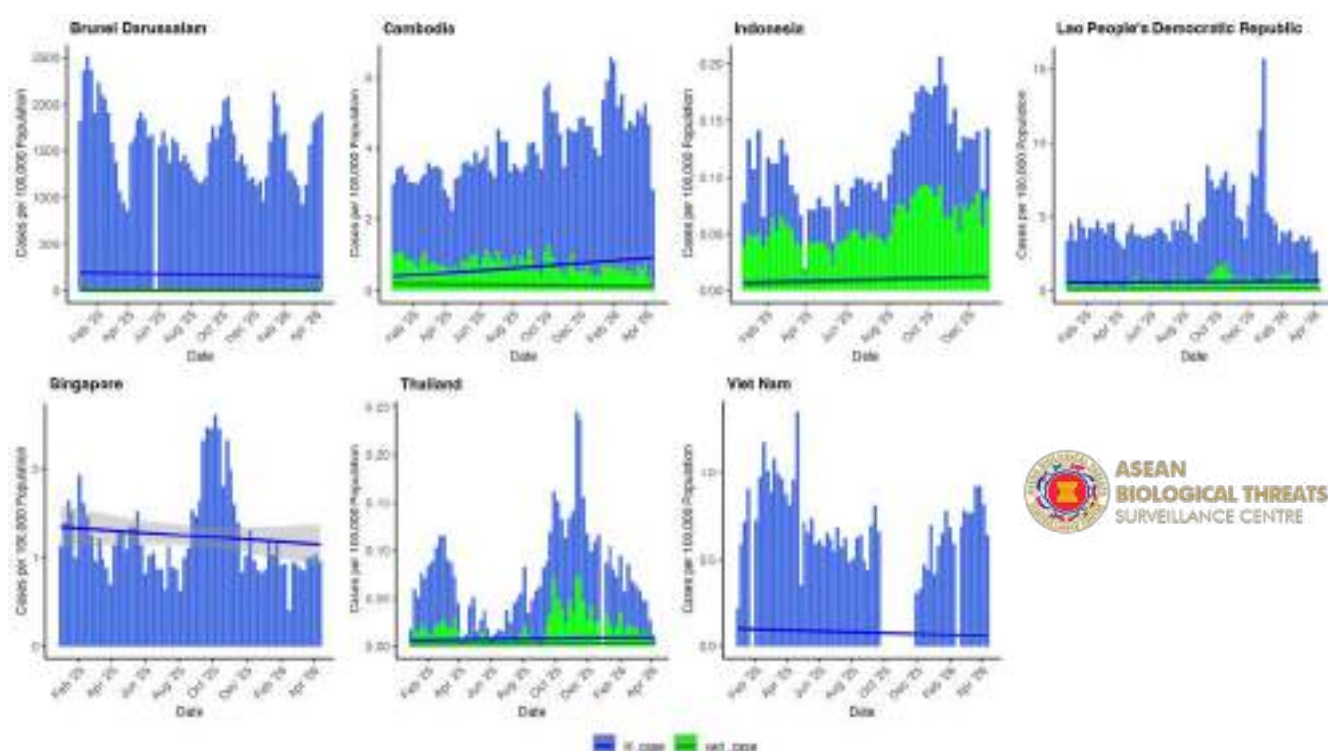
January 1, 2025 to April 25, 2026



Source: WHO FluID, accessed April 28, 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 April 25, 2026



Source: WHO FluID, accessed April 28, 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 16, there was one new case in the ASEAN region.

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

AMS	Avian Influenza (H5N1)					
	Cumulative Cases 2025	Cumulative Deaths 2025	Epi-week 16		Period 2026	
			New Cases	New Deaths	Cumulative Cases	Cumulative Deaths
Cambodia	18	9	1	0	4	0
Viet Nam	1	0	0	0	0	0
Total	19	9	1	0	4	0

Source: [WHO](#), [Ministry of Health of Cambodia](#).

HANTAVIRUS

Key Findings

- In 2026, hantavirus is found in Indonesia. In Epi-week 16, 2026, there was no new case of Hantavirus reported.

Distribution of Hantavirus Cases in the ASEAN Region

AMS	Hantavirus					
	Cumulative Cases 2025	Cumulative Deaths 2025	Epi-week 16		Period 2026	
			New Cases	New Deaths	Cumulative Cases	Cumulative Deaths
Indonesia	18	0	0	0	5	0
Total	18	0	0	0	5	0

Source: [MoH Indonesia](#)

LEGIONELLOSIS

Key Findings

- In 2026, the legionellosis is found in Singapore and Thailand. In Epi-week 16, there were no cases of Legionellosis reported.

Distribution of Legionellosis Cases in the ASEAN Region

AMS	Legionellosis					
	Cumulative Cases 2025	Cumulative Deaths 2025	Epi-week 16		Period 2026	
			New Cases	New Deaths	Cumulative Cases	Cumulative Deaths
Indonesia	49	2	0	0	0	0
Singapore	62	0	0	0	7	0
Thailand	24	1	0	0	17	0
Total	135	3	0	0	24	0

Source: [MoH Indonesia](#), [MoH Singapore](#), [MoH Thailand](#)



MENINGOCOCCAL DISEASE

Key Findings

- In 2026, meningococcal disease is found in Indonesia, Singapore, Thailand, and Viet Nam. In Epi-week 16, 2026, there was no case of Meningococcal Disease reported among AMS.

Distribution of Meningococcal Disease Cases in the ASEAN Region

AMS	Meningococcal Disease					
	Cumulative Cases 2025	Cumulative Deaths 2025	Epi-week 16		Period 2026	
			New Cases	New Deaths	Cumulative Cases	Cumulative Deaths
Indonesia	0	0	0	0	1	1
Singapore	7	0	0	0	2	0
Thailand	39	5	0	0	7	4
Viet Nam	95	0	0	0	1	0
Total	141	5	0	0	11	5

Source: [WHO](#), [MoH Indonesia](#), [MoH Singapore](#), [MoH Thailand](#)

POLIOMYELITIS

Key Findings

- In 2026, Poliomyelitis has not been reported among AMS. In Epi-week 16, there was no new case of Poliomyelitis reported.

Distribution of Poliomyelitis Cases in the ASEAN Region

AMS	Poliomyelitis					
	Cumulative Cases 2025	Cumulative Deaths 2025	Epi-week 16		Period 2026	
			New Cases	New Deaths	Cumulative Cases	Cumulative Deaths
Lao PDR	1	0	0	0	0	0
Singapore	1	0	0	0	0	0
Total	2	0	0	0	0	0

Source: [WHO](#)

Zoonosis

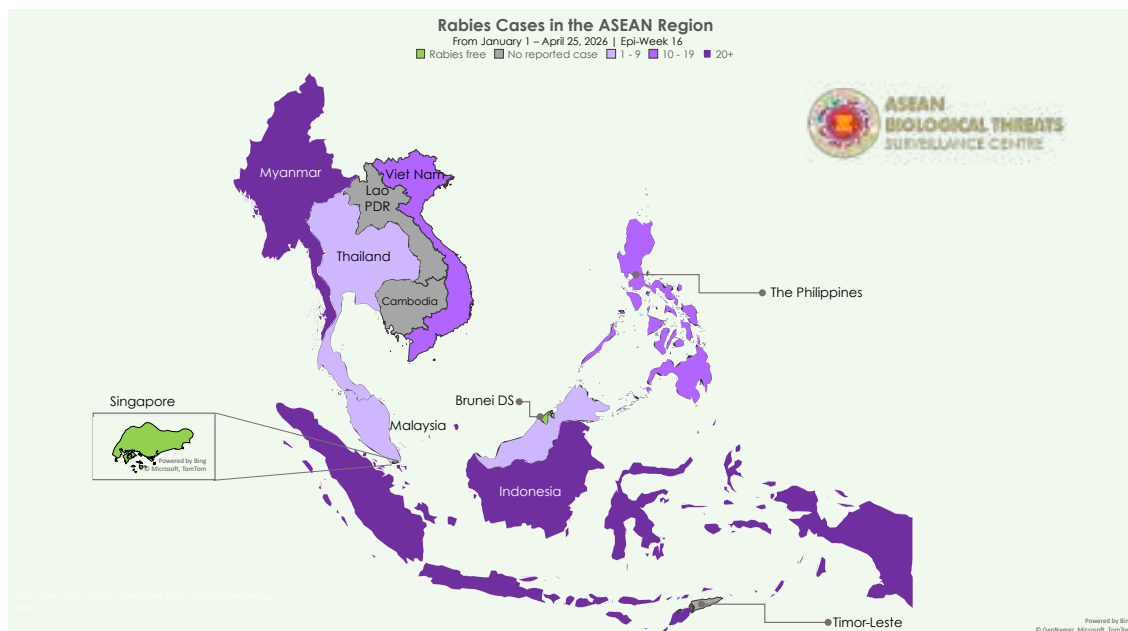




RABIES

Key Findings

- The **ASEAN** region reported **six** new rabies cases in Epi-week 16, 2026.
- The total number of rabies cases from January 1 to April 25, 2026 are **101** 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	April 25	32	2	32	100%
Lao PDR	-	-	-	-	-
Malaysia²	March 21	3	-	3	100%
Myanmar³	April 25	31	4	31	100%
Philippines²	March 14	17	-	17	100%
Singapore			<i>Rabies-free country</i>		
Thailand⁴	April 25	2	0	2	100%
Timor-Leste	-	-	-	-	-
Viet Nam²	March 28	16	-	16	100%
Total		101	6	101	100%

Source:

- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed April 28, 2026 (<https://portal.bluedot.global/>)
- Department of Public Health, Ministry of Health, Myanmar
- Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed April 28, 2026 , (https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/_Weekly/sheet137%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=card_share_link)

Vector-Borne Diseases





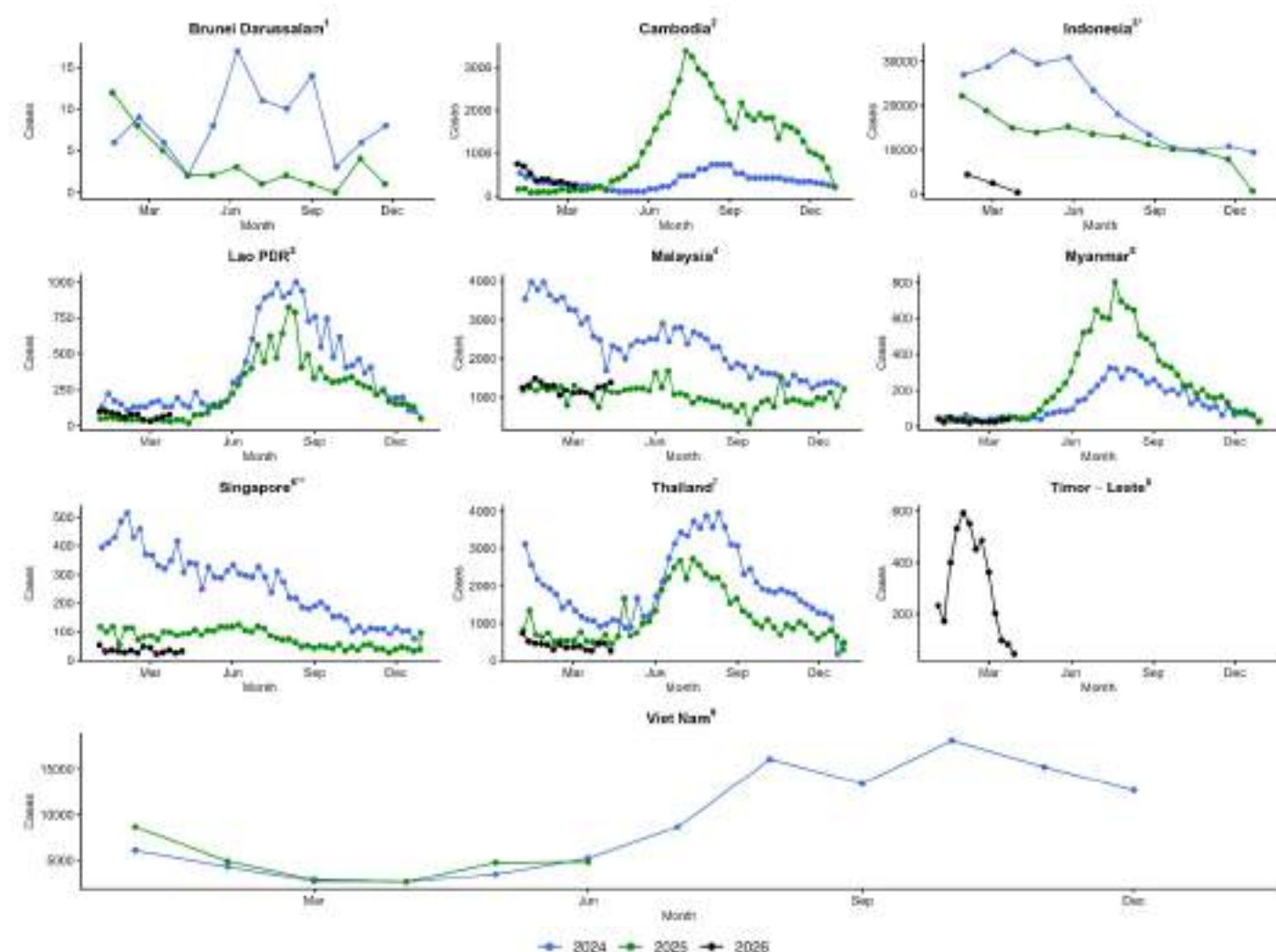
DENGUE

Key Findings

- The **ASEAN** region reported **1,655** new dengue cases in Epi-week 16, 2026.
- The total number of dengue cases from January 1 to April 25, 2026 are **75,959** cases and **87** deaths with **0.11% 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 April 25, 2026.



Source:

- Ministry of Health, Brunei Darussalam
- WHO WPRO, "Dengue," World Health Organization, accessed April 28, 2026 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
- Ministry of Health, Republic of Indonesia
- Portal Rasmi iDengue untuk Komuniti, accessed April 28, 2026 (<https://idengue.mysa.gov.my/>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health. "Weekly Infectious Disease Bulletin", accessed April 28, 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 April 28, 2026 , (https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/_Weekly/sheet137%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=card_share_link)
- Ministry of Health, Timor-Leste
- WHO Global Dengue Surveillance, accessed April 28, 2026 (https://worldhealthorg.shinyapps.io/dengue_global/)

- 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)

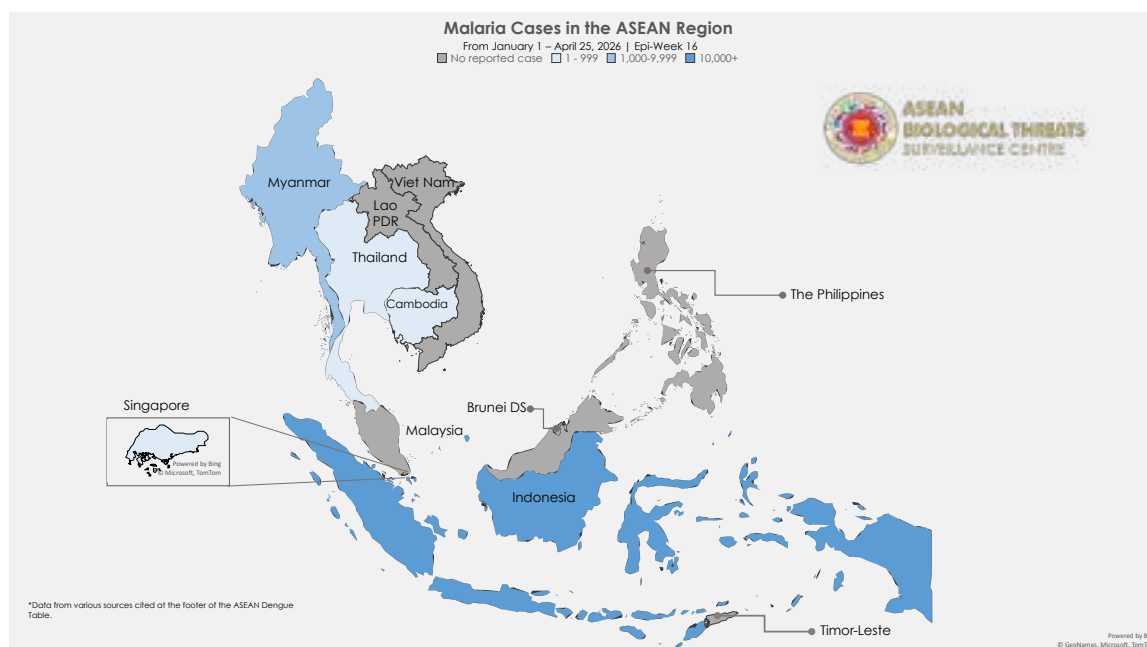
**Notified dengue cases only includes Dengue Fever (DF) and DHF



MALARIA

Key Findings

- The **ASEAN** region reported **52** new malaria cases in Epi-week 16, 2026.
- The total number of malaria cases from January 1 to April 25, 2026 are **151,411** cases and **144** deaths with **0.10%** CFR.

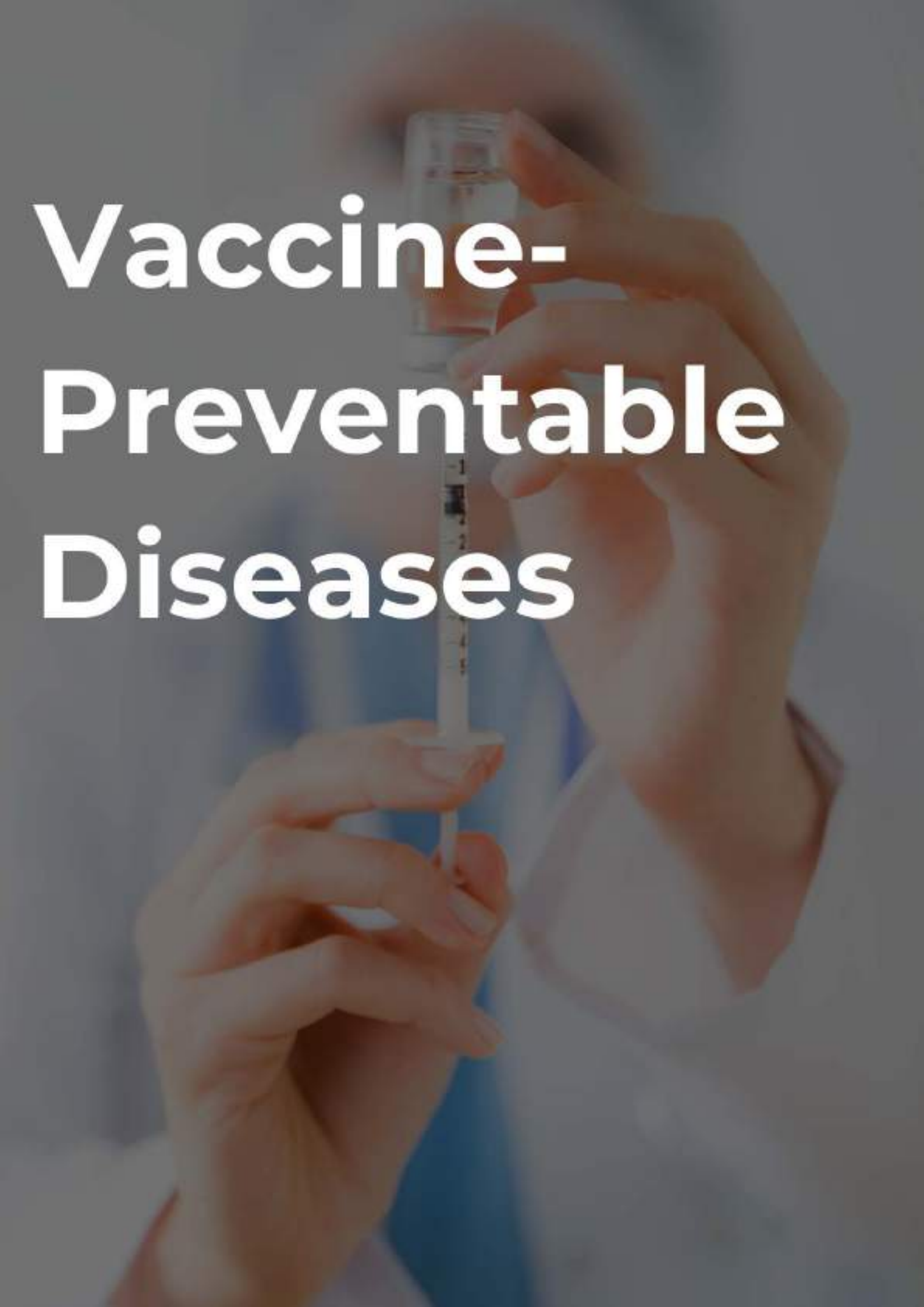


Malaria cases in the ASEAN region

Country	Data as of	Cumulative Cases	New Cases Since Last Week	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia¹	April 25	6	0	0	0.00%
Indonesia²	April 25	140,868	-	142	0.10%
Lao PDR	-	-	-	-	-
Malaysia	-	-	-	-	-
Myanmar³	February 28	9,517	-	0	0.00%
Philippines	-	-	-	-	-
Singapore⁴	April 25	6	1	0	0.00%
Thailand⁵	April 25	1,014	83	2	0.20%
Timor-Leste	-	-	-	-	-
Viet Nam	-	-	-	-	-
Total		151,411	84	144	0.10%

Source:

- Cambodia National Malaria Center, accessed April 28, 2026 (<https://mis.cnm.gov.kh/Dashboard>)
- Malaria Cases in Indonesia, accessed April 28, 2026 (<https://malaria.kemkes.go.id/case>)
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health Singapore, accessed April 28, 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 April 28, 2026 (https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/Weekly/sheet137%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=card_share_link)

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 image is overlaid with a semi-transparent dark grey filter.

Vaccine- Preventable Diseases

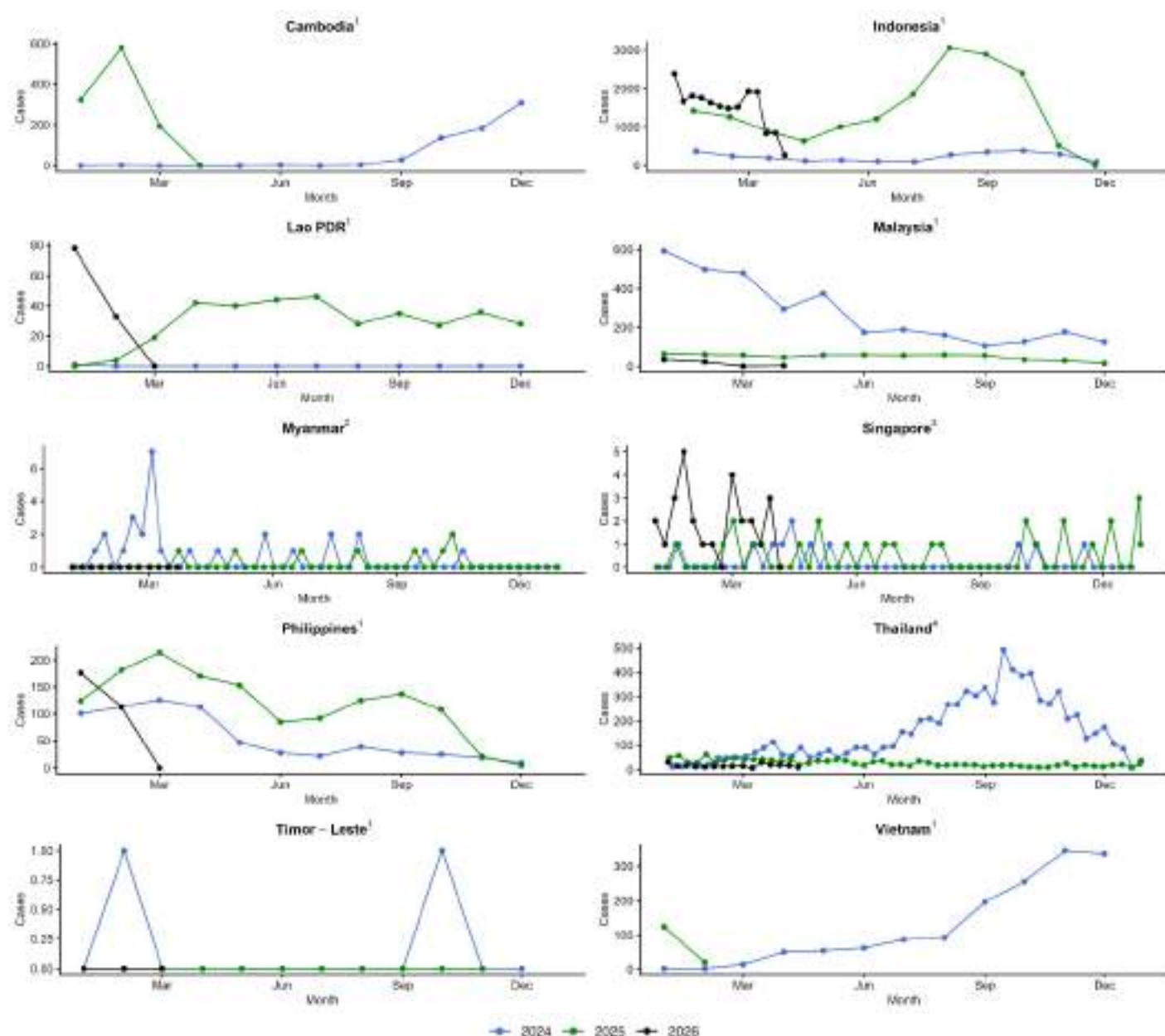
MEASLES

Key Findings

- The **ASEAN** region reported **eight** new measles cases in Epi-week 16, 2026.
- The total number of measles cases from January 1 to April 25, 2026 are **20,390** 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 April 25, 2026.



Source:

- Provisional Measles and Rubella Data, World Health Organization, accessed April 28, 2026 (<https://immunizationdata.who.int/global?topic=Provisional-measles-and-rubella-data&location=>)Provisional Measles and Rubella Data, World Health Organization, accessed April 28, 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 April 28, 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 April 28, 2026 (https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/_Weekly/sheet13?%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=card_share_link)



**ASEAN
BIOLOGICAL THREATS
SURVEILLANCE CENTRE**

Support generated by
ASEAN BIOLOGICAL THREATS SURVEILLANCE CENTRE

Email: support@abi-daporn.org

Facebook: [abi-official](#)

Instagram: [abi-official](#)