



**ASEAN
BIOLOGICAL THREATS
SURVEILLANCE CENTRE**

**ABC
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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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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

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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

A person wearing a full-body white protective suit, including a hood and a face mask, is shown in a laboratory or clinical setting. The person is holding a black object, possibly a sample or a tool, in their gloved hand. The background is slightly blurred, showing what appears to be a laboratory environment with blue and white tones.

Emerging Diseases

MPOX

Mpox Cases Reported in the ASEAN Region

January 1, 2025 – April 18, 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 21, 2026 (https://worldhealthorg.shinyapps.io/mpox_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed April 21, 2026, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

Key Findings

- The number of Mpox cases from January 1 to April 18, 2026, are **36 cases** with **one death**.
- There were **no new cases of Mpox** in epi-week 15 of 2026.
- **58,554 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 18 April, 2026)

ASEAN Member States	Cumulative Cases in 2025	Cumulative Deaths in 2025 (CFR)	Cumulative Cases in 2026	New Cases in epi-week 15	Cumulative Deaths in 2026 (CFR)
Cambodia ¹	0	0 (0.00%)	0	0	0 (0.00%)
Indonesia ²	0	0 (0.00%)	0	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%)	10	0	0 (0.00%)
Thailand ³	157	3 (1.91%)	22	0	1 (4.55%)
Vietnam ³	2	0 (0.00%)	0	0	0 (0.00%)
ASEAN Total	482	9 (1.87%)	36	0	1 (2.78%)

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 21, 2026 (https://worldhealthorg.shinyapps.io/mpox_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed April 21, 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. 18, 2026)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	23,905	0	51	0.21%
Uganda	7,160	0	39	0.54%
Sierra Leone	5,442	0	60	1.10%
United States of America	2,779	0	0	0.00%
Guinea	2,255	0	6	0.27%

Source: WHO Mpox Outbreak: Global Trends, accessed April 21, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)

Mpox cases per region (Jan. 1, 2025 to Apr. 18, 2026)

REGIONS	CUMULATIVE CASES 2025-2026	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA¹	46.961	-	215	0,46%
AMERICAS¹	6.101	-	9	0,15%
ASEAN¹	518	-	10	1,93%
ASIA & OCEANIA²	2.112	-	-	0,00%
EUROPE¹	3.380	-	1	0,03%
TOTAL	59.072	-	235	0,40%

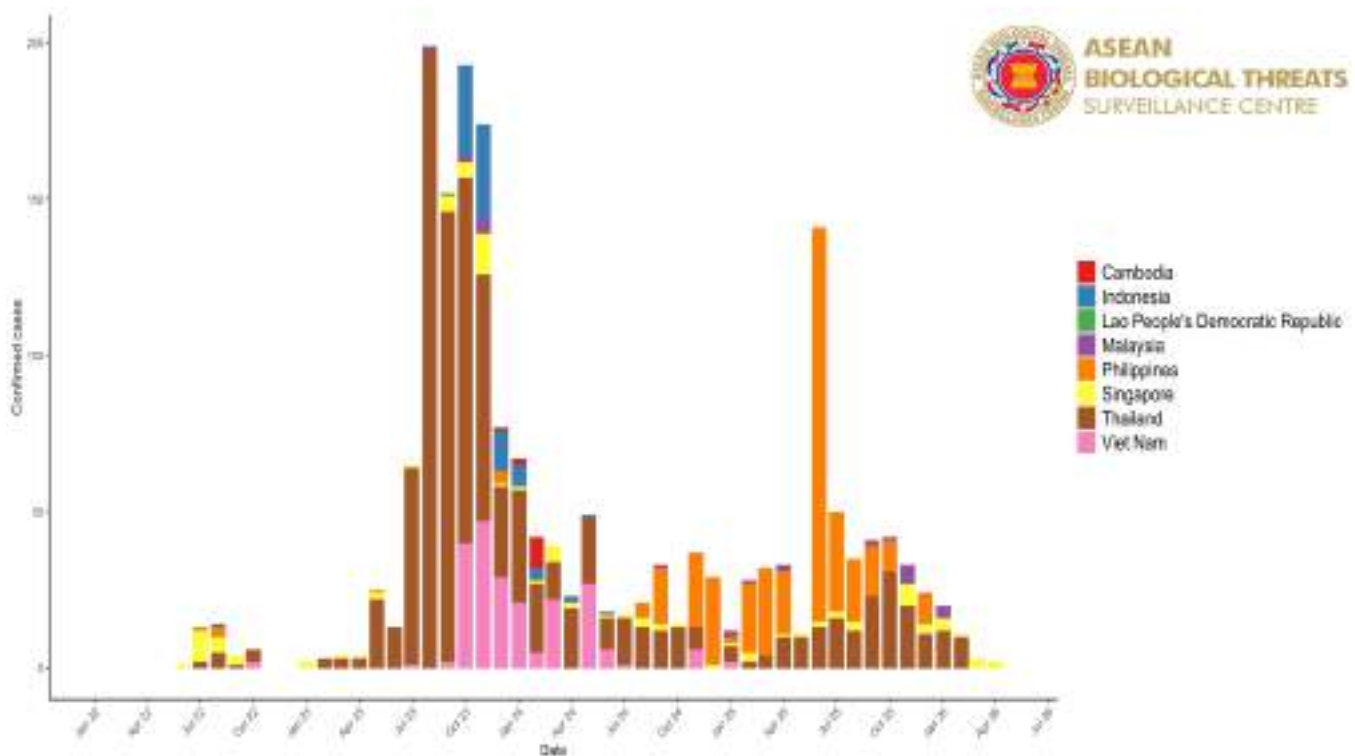
Source:

1. WHO Mpox Outbreak: Global Trends, accessed April 21, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)

2. Our World in Data, accessed April 21, 2026 (<https://ourworldindata.org/mpox>)

Trend of Mpox Confirmed Cases in the ASEAN Region

January 1, 2022 to April 18, 2026



Source:

1. Ministry of Health Cambodia

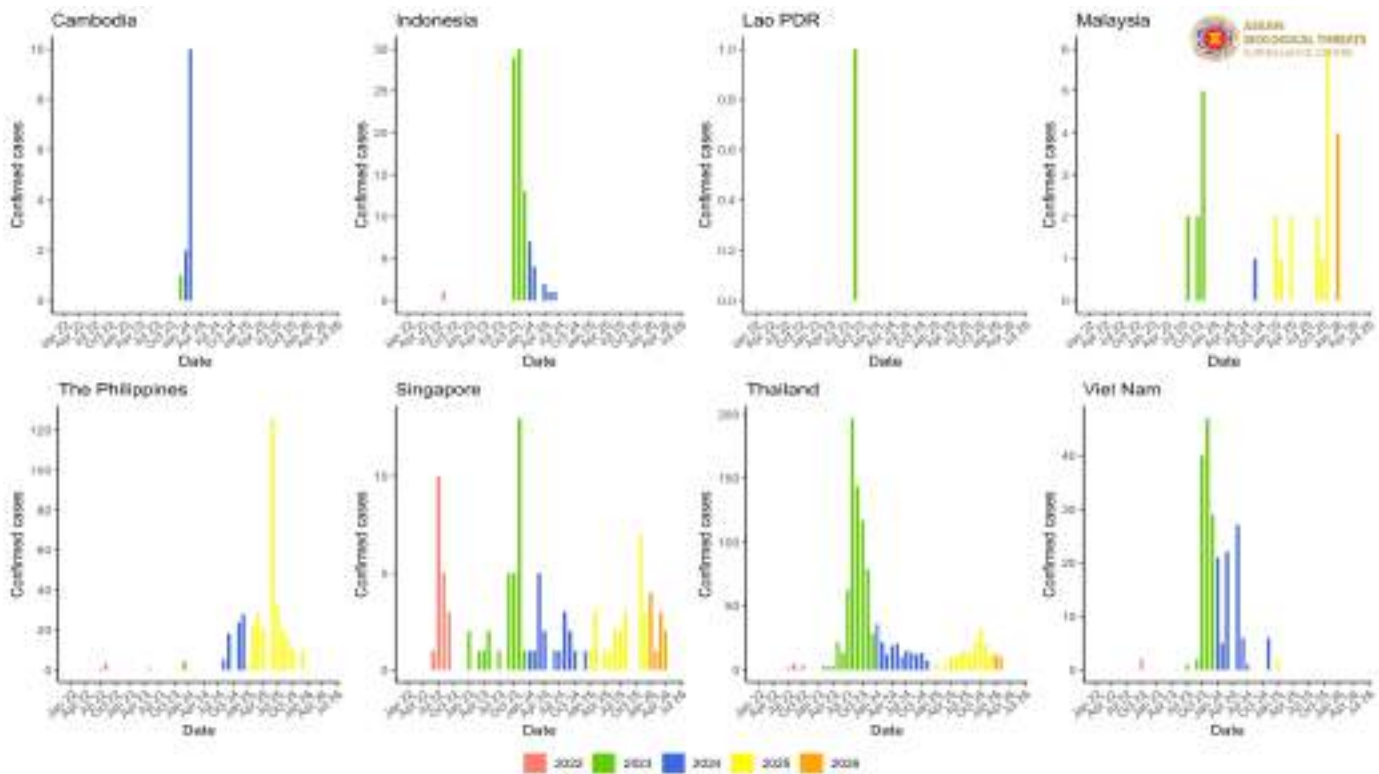
2. Ministry of Health Republic of Indonesia (<https://infeksiemerging.kemkes.go.id>)

3. WHO Mpox Outbreak: Global Trends, accessed April 21, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)

4. Communicable Disease Agency, Ministry of Health Singapore, accessed April 21, 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 18, 2026

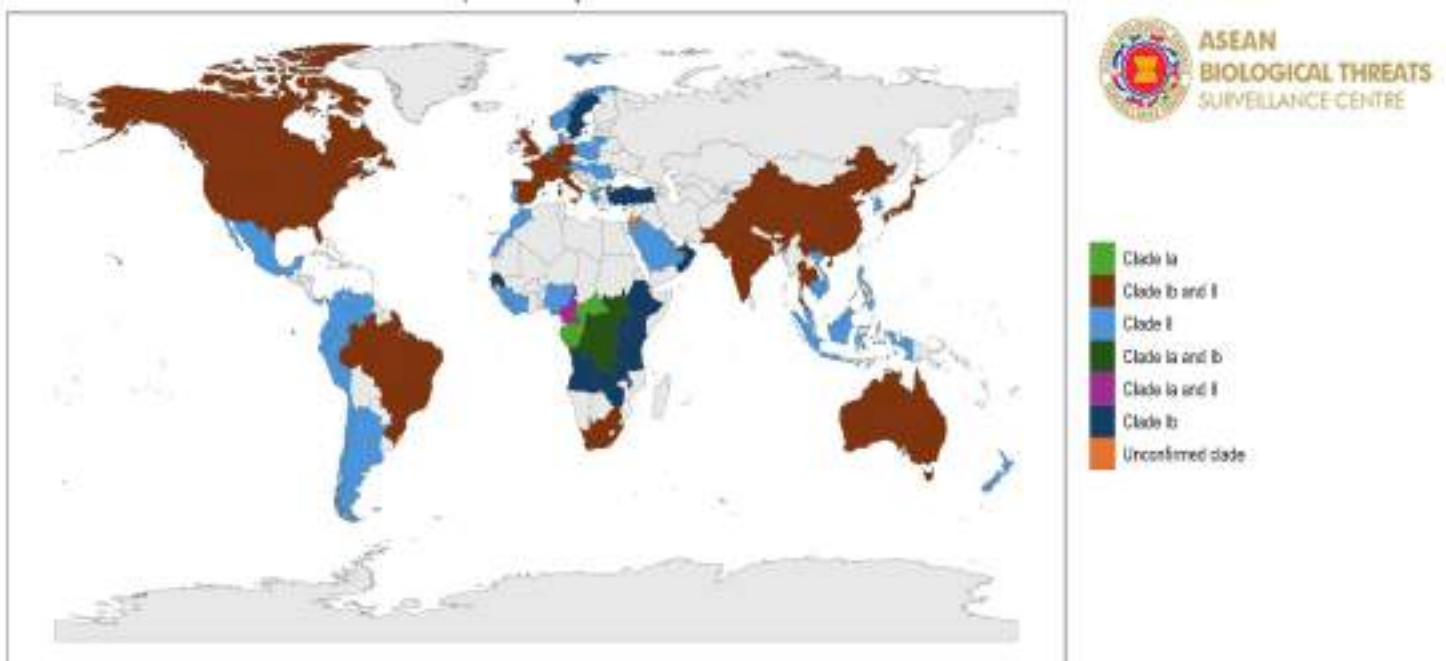


Source:

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 21, 2026 (https://worldhealthorg.shinyapps.io/mpox_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed April 21, 2026, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

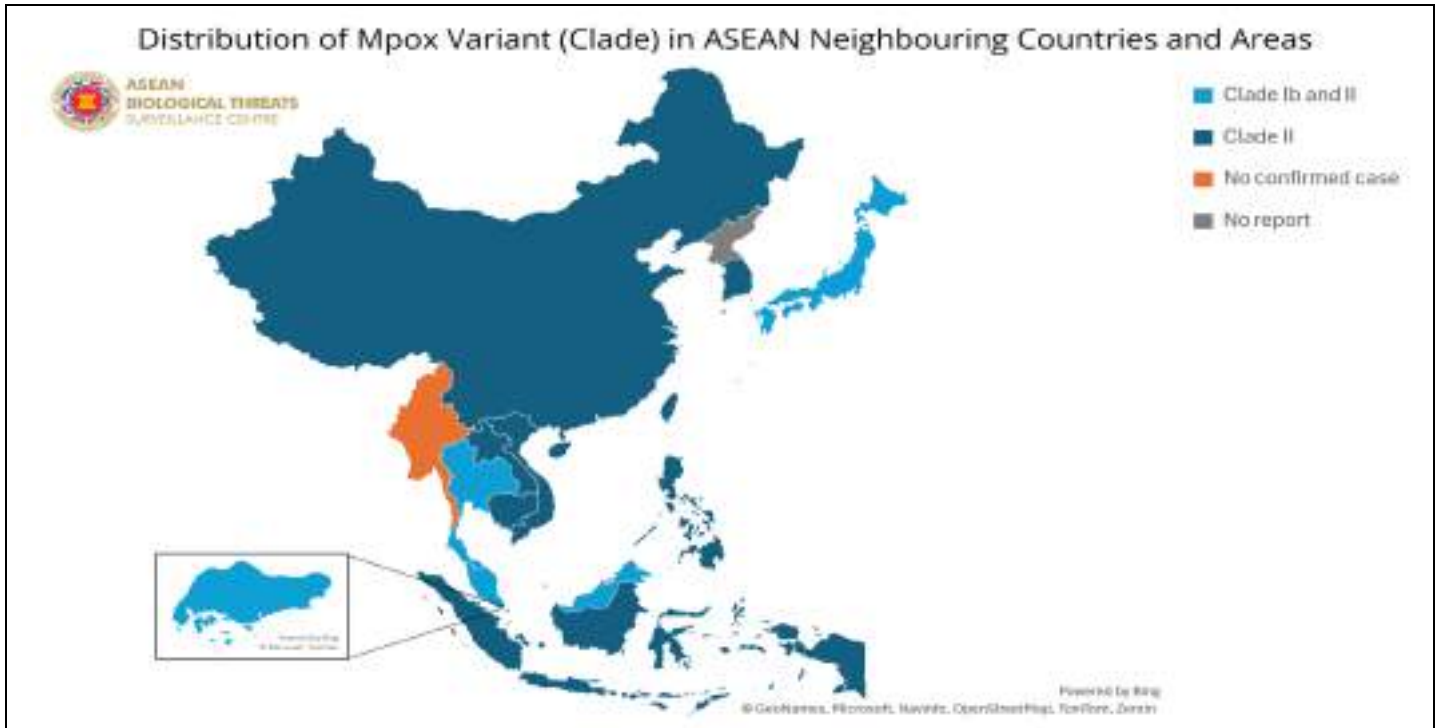
Distribution of Mpox Variants in The Global

As of April 18, 2026



Source: GISAID and WHO

Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas As of April 18, 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 21, 2026 (https://worldhealthorg.shinyapps.io/mpx_global/)
4. Communicable Disease Agency, Ministry of Health Singapore, accessed April 21, 2026, <https://www.cda.gov.sg/resources/weekly-infectious-diseases-bulletin-2025/>

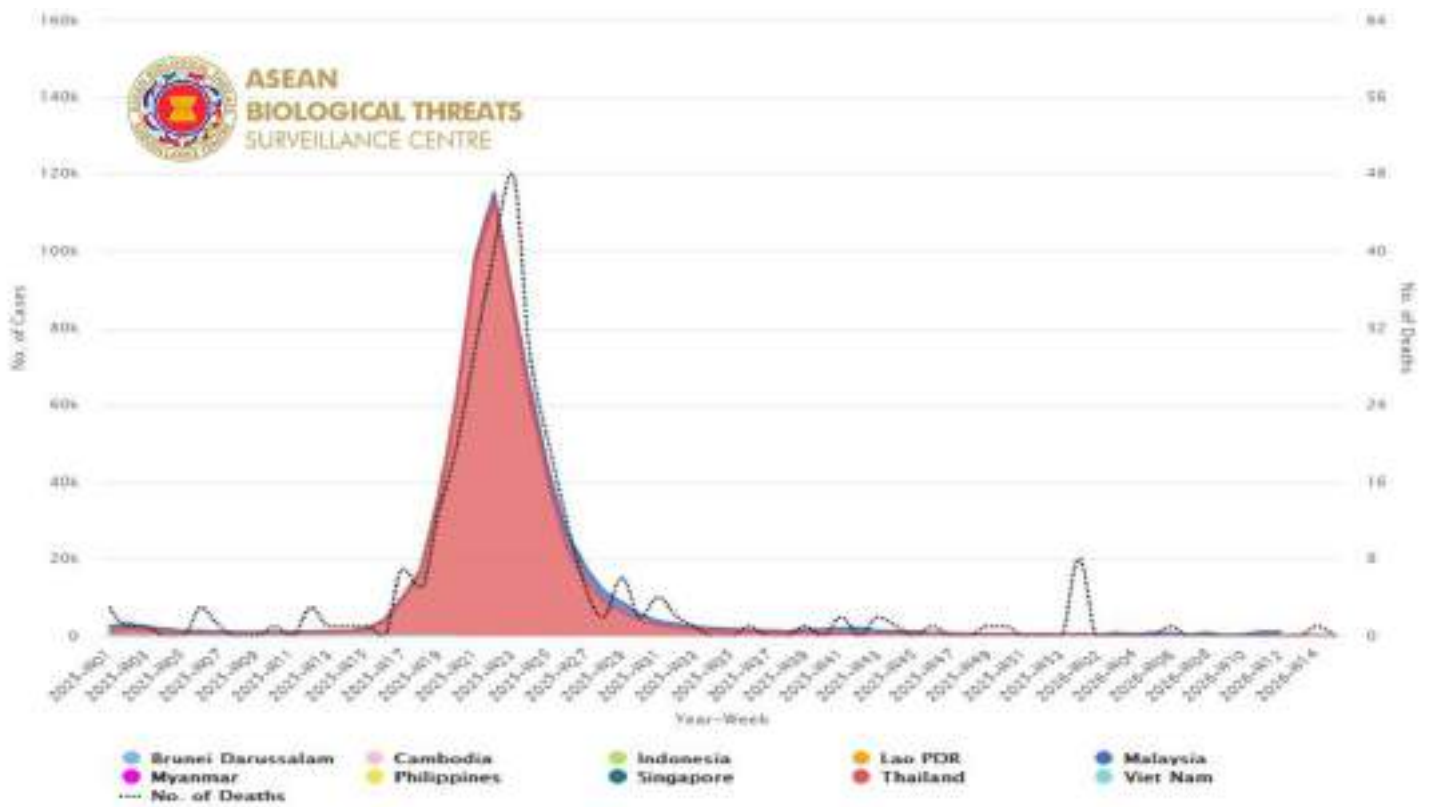
COVID-19

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 18 April 2026 are **8,372 cases** with **0.12 % 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.

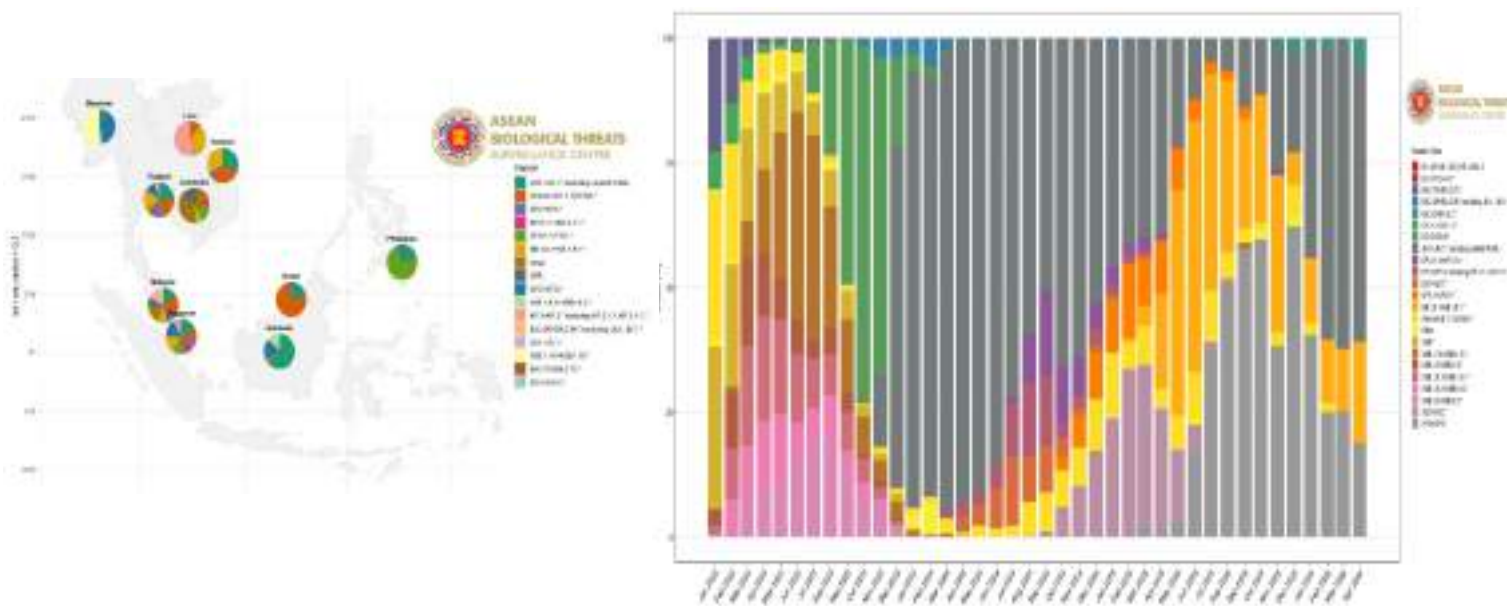
ASEAN Weekly COVID-19 Cases and Deaths

From January 1, 2025 to April 18, 2026



Sources: [Singapore Government](#), [MOH Indonesia](#), [MOH Cambodia](#), [DDC Thailand](#), [MOH Myanmar](#), [MOH Malaysia](#), and [WHO](#) accessed on April 21, 2026

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



Source: GISAID. "hCoV-19 Variants Dashboard," accessed April 21, 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 21, 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

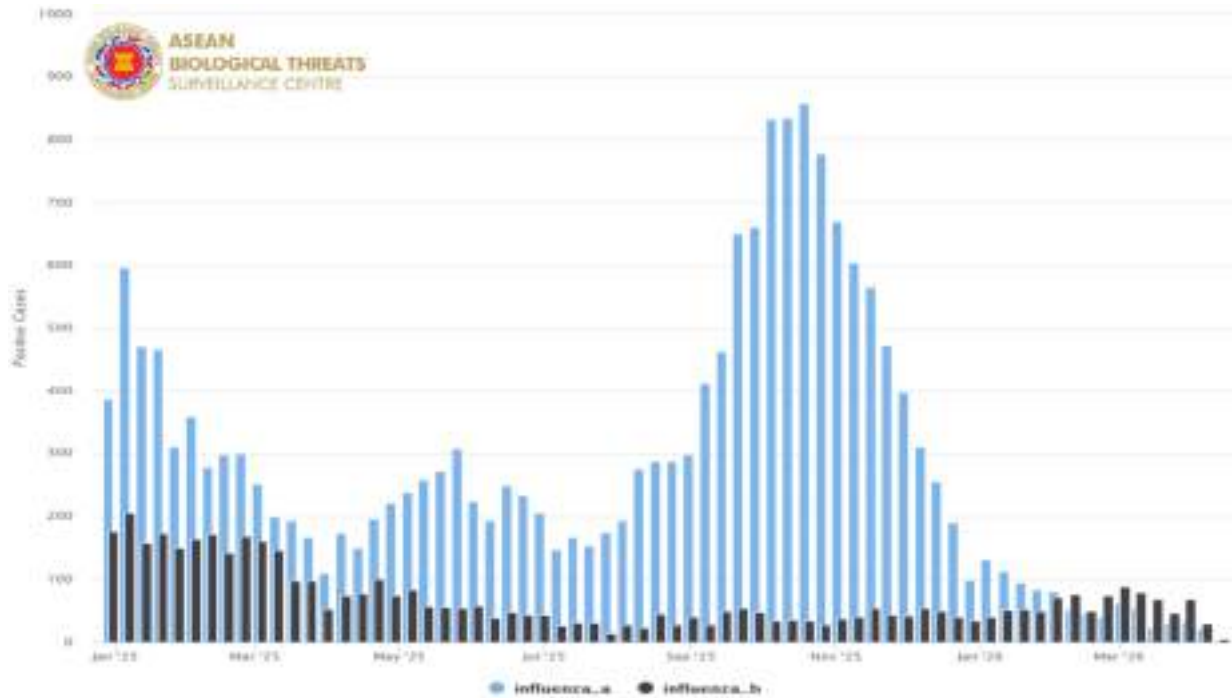
Source: GISAID. "hCoV-19 Variants Dashboard," accessed April 21, 2026 , <https://gisaid.org/hcov-19-variants-dashboard/>.

INFLUENZA

Key Findings

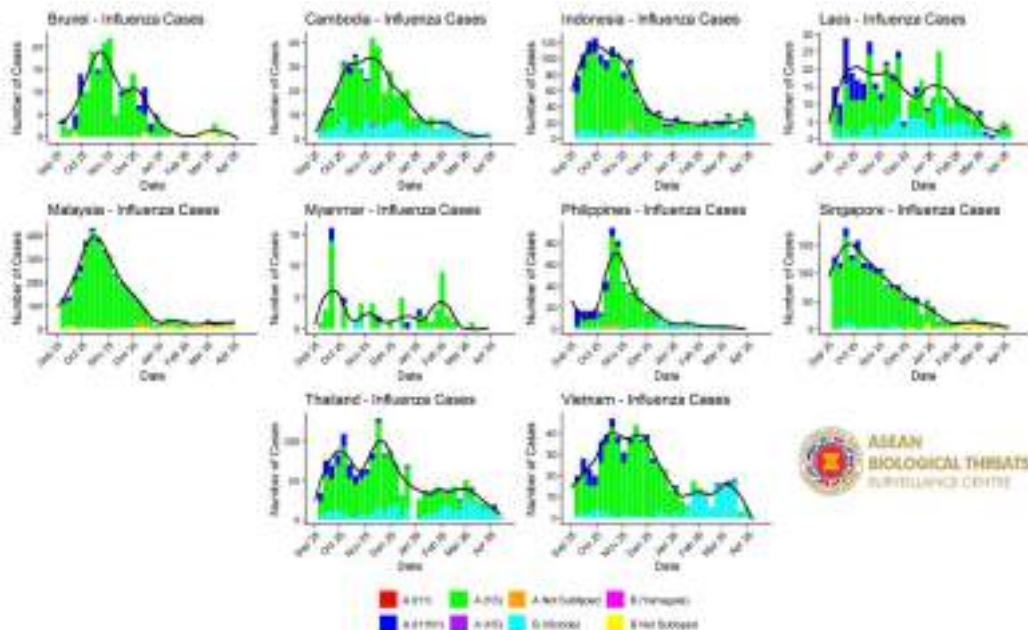
- Recently, most influenza cases among ASEAN Member States had decreased.
- Most of Influenza-like illness (ILI) and severe acute respiratory infection (SARI) cases were decrease among some ASEAN Member States.

Trends of Influenza Confirmed Cases in the ASEAN region From January 1, 2025 to April 18, 2026



Source: WHO FluNet, accessed on April 21, 2026 (<https://www.who.int/tools/fluinet>)

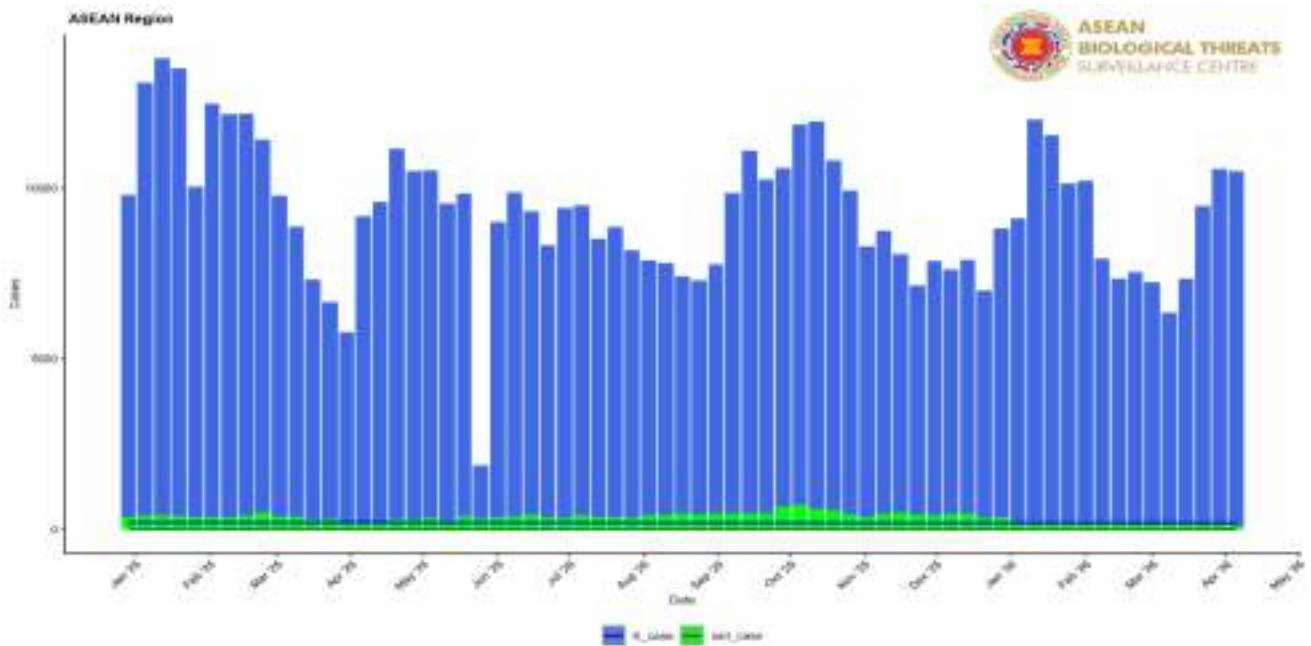
Trend of Influenza Cases among ASEAN Member States September 1, 2025 to April 18, 2026



Source: WHO FluNet, accessed on April 21, 2026 (<https://www.who.int/tools/fluinet>)

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

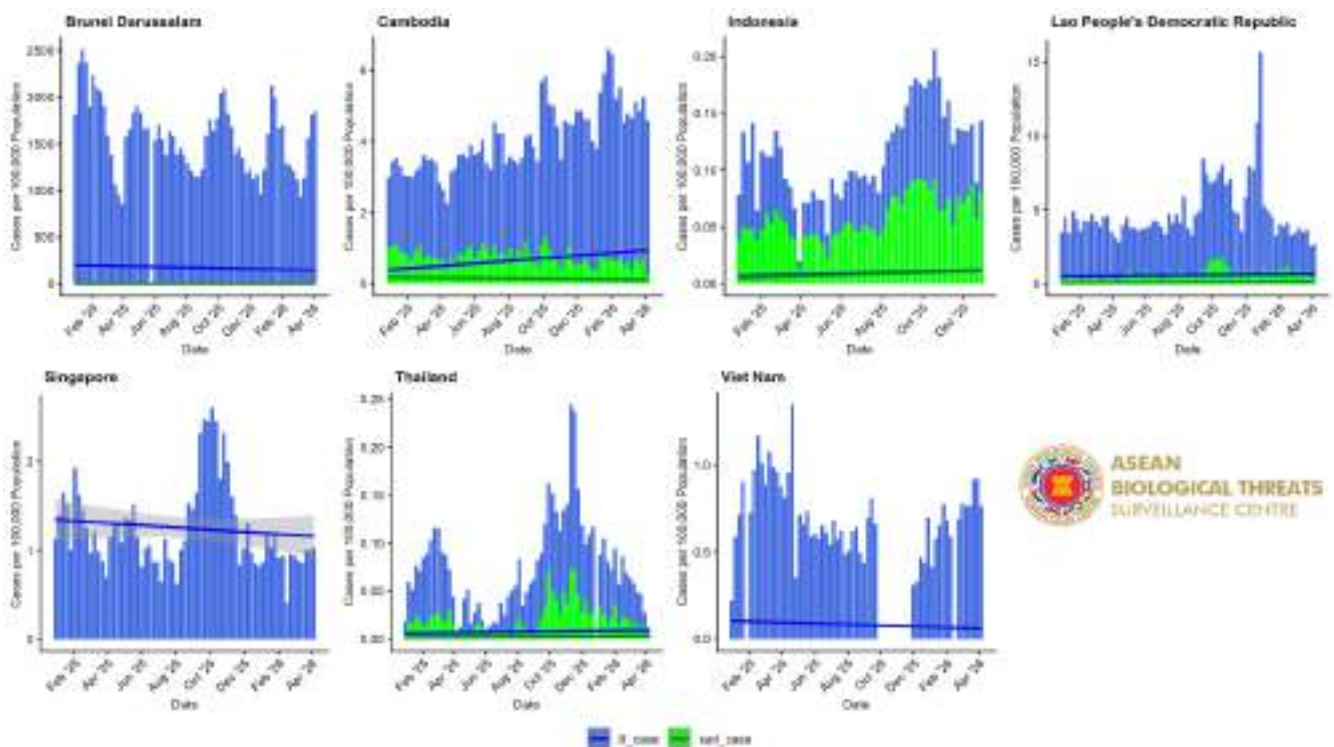
January 1, 2025 to April 18, 2026



Source: WHO FluID, accessed April 21, 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 18, 2026



Source: WHO FluID, accessed April 21, 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 15, there was no 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 15		Period 2026	
			New Cases	New Deaths	Cumulative Cases	Cumulative Deaths
Cambodia	18	9	0	0	3	0
Viet Nam	1	0	0	0	0	0
Total	19	9	0	0	3	0

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

HANTAVIRUS

Key Findings

- In 2026, hantavirus is found in Indonesia. In Epi-week 15, 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 15		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 15, 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 15		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 15, 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 15		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 15, 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 15		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](#)

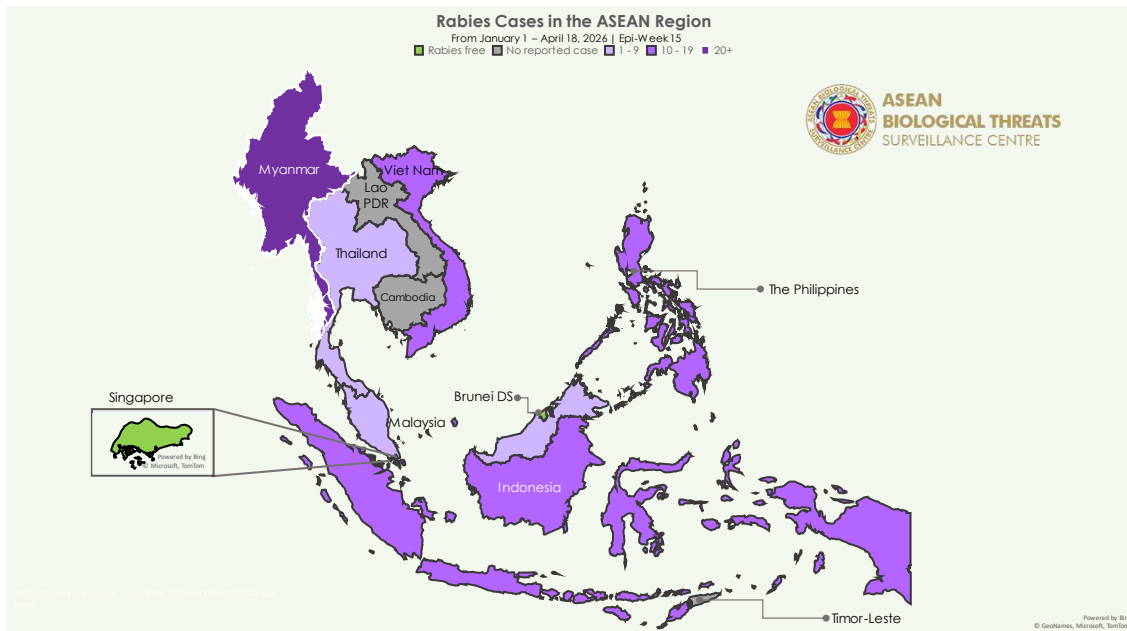
Zoonosis



RABIES

Key Findings

- The total number of rabies cases from January 1 to April 18, 2026 are **93** 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			Rabies-free country		
Cambodia	-	-	-	-	-
Indonesia¹	April 18	30	-	30	100%
Lao PDR	-	-	-	-	-
Malaysia²	March 21	3	-	3	100%
Myanmar³	April 18	25	-	25	100%
Philippines²	March 14	17	-	17	100%
Singapore			Rabies-free country		
Thailand⁴	April 18	2	0	2	100%
Timor-Leste	-	-	-	-	-
Viet Nam²	March 28	16	-	16	100%
Total		80	0	80	100%

Source:

- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed April 21, 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 21, 2026, ([https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/ Weekly/sheet13?%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=card_share_link](https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/Weekly/sheet13?%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=card_share_link))

Vector-Borne Diseases



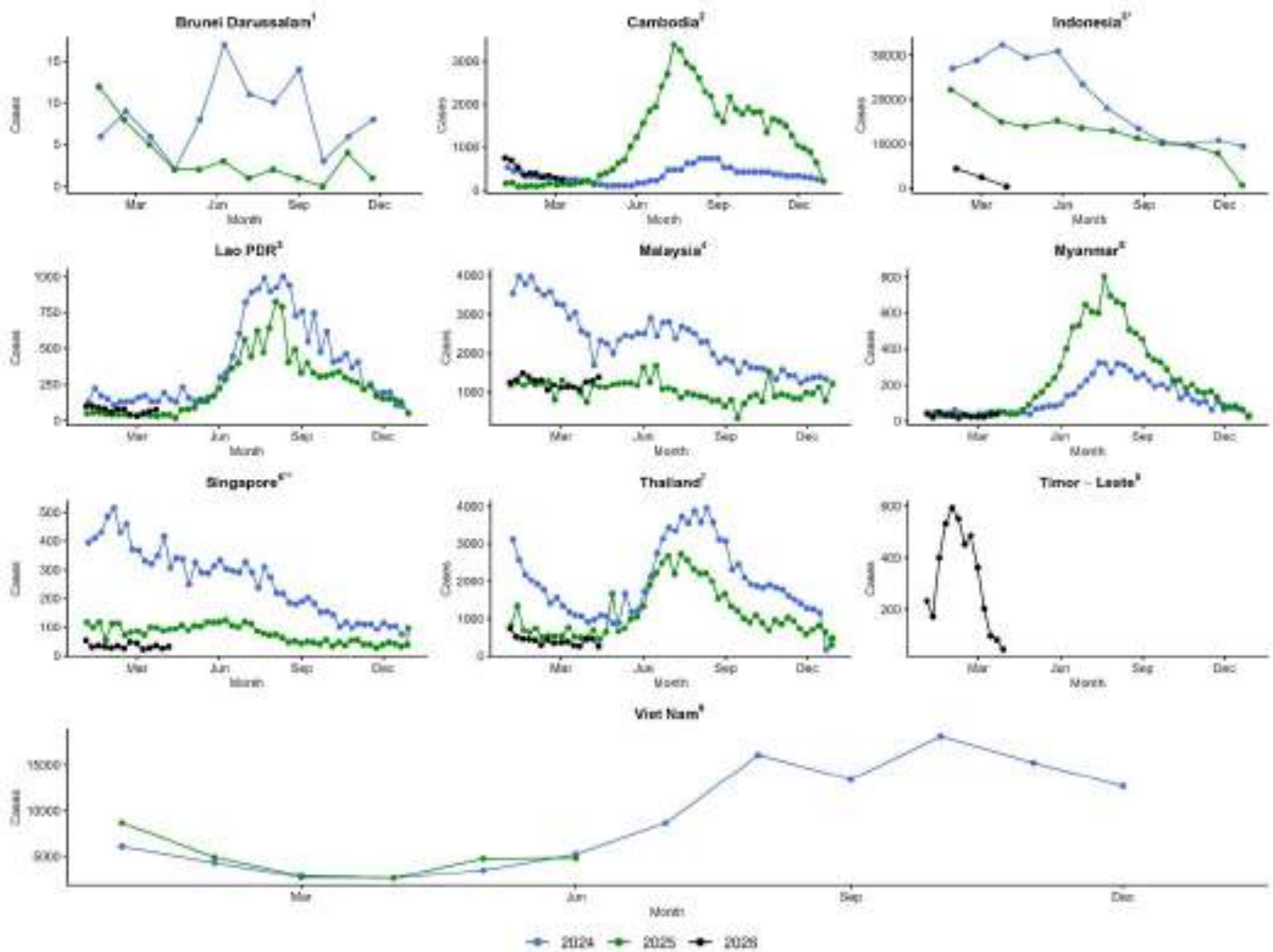
DENGUE

Key Findings

- The **ASEAN** region reported **6,722** new dengue cases in Epi-week 15, 2026.
- The total number of dengue cases from January 1 to April 18, 2026 are **74,252** cases and **85** 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 18, 2026.



Source:

1. Ministry of Health, Brunei Darussalam
2. WHO WPRO, "Dengue," World Health Organization, accessed April 21, 2026 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
3. Ministry of Health, Republic of Indonesia
4. Portal Rasmi iDengue untuk Komuniti, Ministry of Health, Myanmar (<https://idengue.mysa.gov.my/>)
5. Department of Public Health, Ministry of Health, Myanmar
6. Ministry of Health. "Weekly Infectious Disease Bulletin", accessed April 21, 2026 . (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2025/weekly-infectious-diseases-bulletin>)
7. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed April 21, 2026 , ([https://dvis3.ddc.moph.go.th/DDC_CENTER.DOE/views/ Weekly/sheet137%3Aembed=y%3AisGuestRedirectFromVizportal=y%3Aorigin=card_share_link](https://dvis3.ddc.moph.go.th/DDC_CENTER.DOE/views/Weekly/sheet137%3Aembed=y%3AisGuestRedirectFromVizportal=y%3Aorigin=card_share_link))
8. Ministry of Health, Timor-Leste
9. WHO Global Dengue Surveillance, accessed April 21, 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.

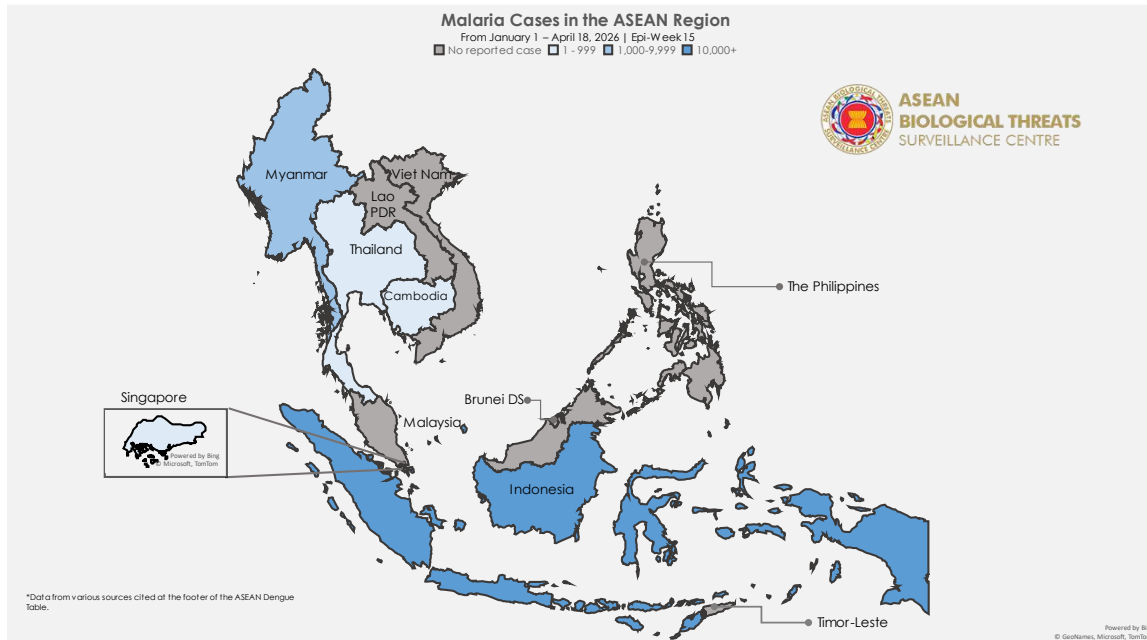
*Notified dengue cases only includes severe cases Dengue Hemorrhagic fever (DHF) and Dengue Shock Syndrome (DSS)

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

MALARIA

Key Findings

- The **ASEAN** region reported **52** new malaria cases in Epi-week 15, 2026.
- The total number of malaria cases from January 1 to April 18, 2026 are **151,328** 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 18	6	0	0	0.00%
Indonesia²	April 18	140,868	-	142	0.10%
Lao PDR	-	-	-	-	-
Malaysia	-	-	-	-	-
Myanmar³	February 28	9,517	-	0	0.00%
Philippines	-	-	-	-	-
Singapore⁴	April 11	5	0	0	0.00%
Thailand⁵	April 18	932	52	2	0.21%
Timor-Leste	-	-	-	-	-
Viet Nam	-	-	-	-	-
Total		151,328	52	144	0.10%

Source:

1. Cambodia National Malaria Center, accessed April 21, 2026 (<https://mis.cnm.gov.kh/Dashboard>)
2. Malaria Cases in Indonesia, accessed April 21, 2026 (<https://malaria.kemkes.go.id/case>)
3. Department of Public Health, Ministry of Health, Myanmar
4. Ministry of Health Singapore, accessed April 21, 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 April 21, 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 the central focus, with the syringe held vertically. The background is a soft, out-of-focus light blue. The text 'Vaccine-Preventable Diseases' is overlaid in large, white, bold font on the left side of the image.

Vaccine- Preventable Diseases

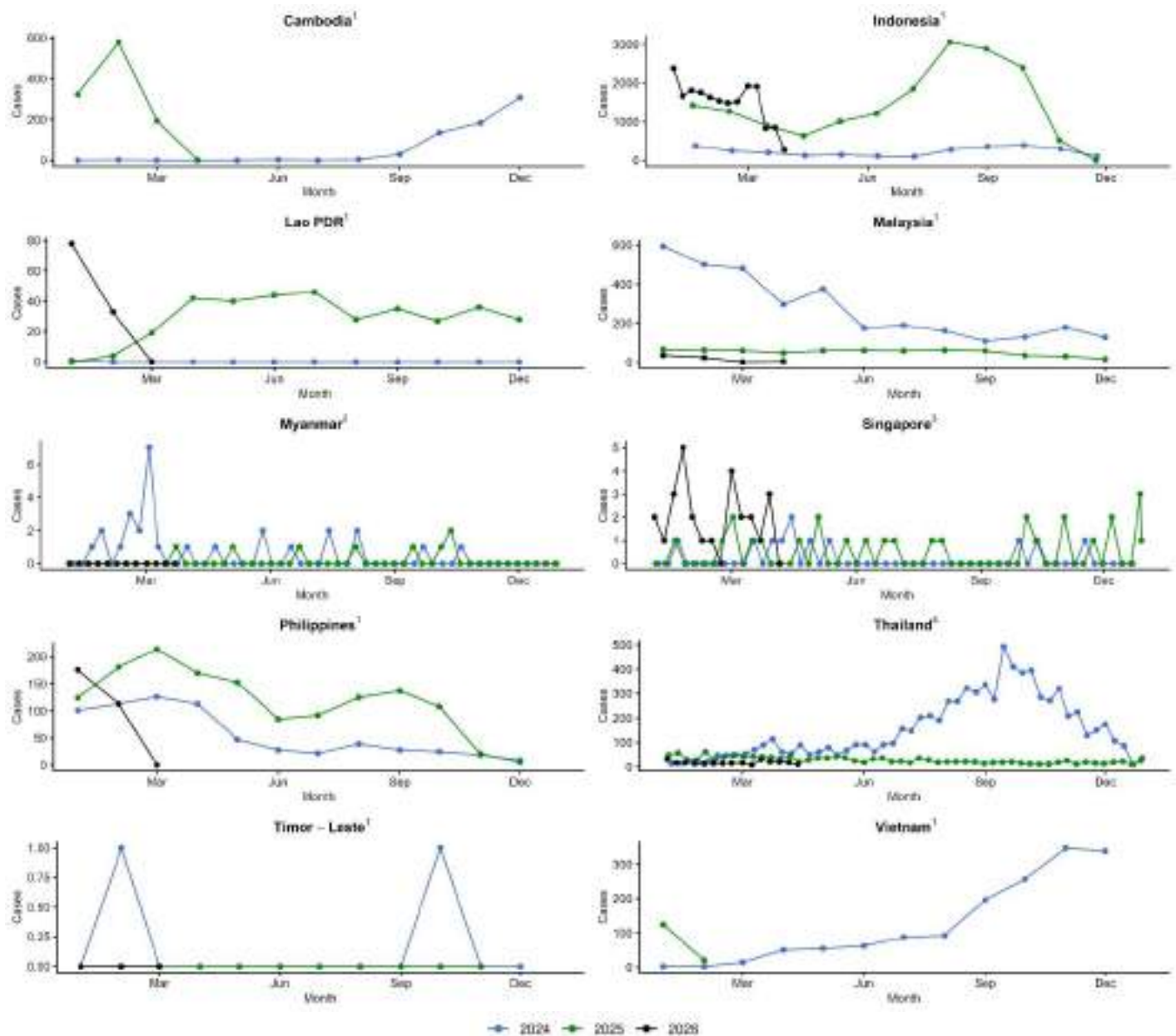
MEASLES

Key Findings

- The **ASEAN** region reported **364** new measles cases in Epi-week 15, 2026.
- The total number of measles cases from January 1 to April 18, 2026 are **20,377** 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 18, 2026.



Source:

1. Provisional Measles and Rubella Data, World Health Organization, accessed April 21, 2026 (<https://immunizationdata.who.int/global?topic=Provisional-measles-and-rubella-data&location=>)Provisional Measles and Rubella Data, World Health Organization, accessed April 21, 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 April 21, 2026 (<https://www.moh.gov.sg/others/resources-and-statistics/infectious-disease-statistics-2025-weekly-infectious-diseases-bulletin>)
4. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed April 21, 2026 (https://dvis3.ddc.moph.go.th/tr/DDC_CENTER_DOE/views/Weekly/sheet13?%3Aembed=y&%3AisGuestRedirectFromVizportal=y&%3Aorigin=card_share_link)



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