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# Morbidity and Mortality Weekly Report

With Support by:



Korea Disease Control and  
Prevention Agency



In partnership with  
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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. For feedback and/or suggestions, please write to [support@biodiaspora.org](mailto:support@biodiaspora.org)

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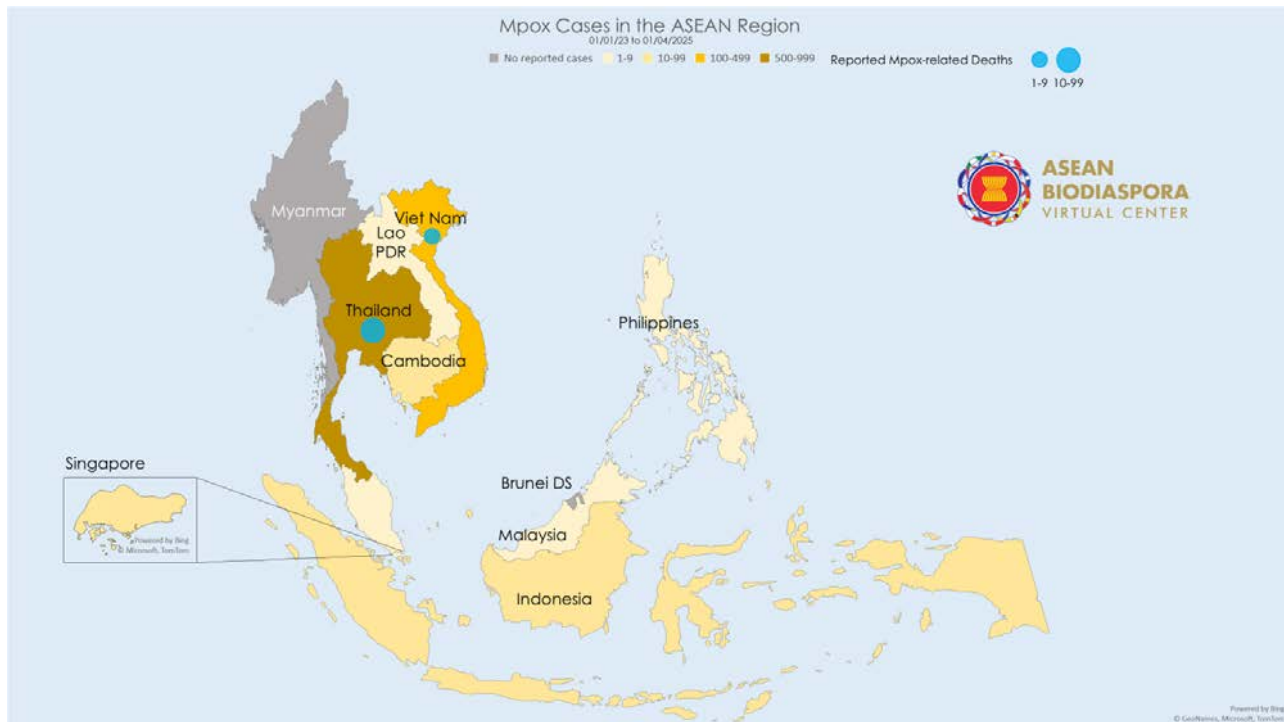
A person wearing a full-body white protective suit, including a hood and a face mask with a filter. They are wearing black gloves and holding a black cylindrical object. The background is a blurred laboratory or clinical setting. The text "Emerging Diseases" is overlaid in large white font on the left side of the image.

# Emerging Diseases

# MPOX

## Mpox Cases Reported in the ASEAN Region

January 1, 2023 – January 4, 2025



Source:  
1. Ministry of Health Republic of Indonesia  
2. Ministry of Health Singapore, accessed January 7, 2025, <https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>

### Key Findings

- From 1 January 2023 to 4 January 2025, **34,827** confirmed cases worldwide since 2023, including **212** deaths. Globally, the CFR was **0.61 %**.
- **1,279 confirmed cases** including **18 deaths** in the **ASEAN** region, with a CFR of **1.56%**.
- **33,548 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. 4, 2025)

ASEAN Member States	Cumulative Cases 2023-2024	New Cases Since Previous Report	Cumulative Deaths 2023-2024	CFR
<b>Cambodia</b> <sup>1</sup>	20	0	0	0.00%
<b>Indonesia</b> <sup>2</sup>	87	0	0	0.00%
<b>Lao PDR</b> <sup>3</sup>	1	0	0	0.00%
<b>Malaysia</b> <sup>3</sup>	10	0	0	0.00%
<b>Philippines</b> <sup>3</sup>	52	0	1	1.92%
<b>Singapore</b> <sup>4</sup>	49	0	0	0.00%
<b>Thailand</b> <sup>3</sup>	853	0	10	1.17%
<b>Vietnam</b> <sup>3</sup>	207	0	9	4.35%
<b>ASEAN Total</b>	<b>1,279</b>	<b>0</b>	<b>20</b>	<b>1.56%</b>

Source:  
1. Ministry of Health Cambodia  
2. Ministry of Health Republic of Indonesia  
3. WHO Mpox Outbreak: Global Trends, accessed January 7, 2025 ([https://worldhealthorg.shinyapps.io/mpx\\_global/](https://worldhealthorg.shinyapps.io/mpx_global/))  
4. Ministry of Health Singapore, accessed January 7, 2025 (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)



## Top 5 countries with the most mpox cases globally (Jan. 1, 2023 to Jan. 4, 2025)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
<b>Democratic Republic of Congo</b>	10,213	0	45	0.44%
<b>United States of America</b>	4,260	0	10	0.23%
<b>People's Republic of China</b>	2,752	0	1	0.04%
<b>Burundi</b>	2,650	0	1	0.04%
<b>Brazil</b>	2,579	0	2	0.08%

Source: Our World in Data, accessed on January 7, 2025 (<https://ourworldindata.org/monkeypox>)

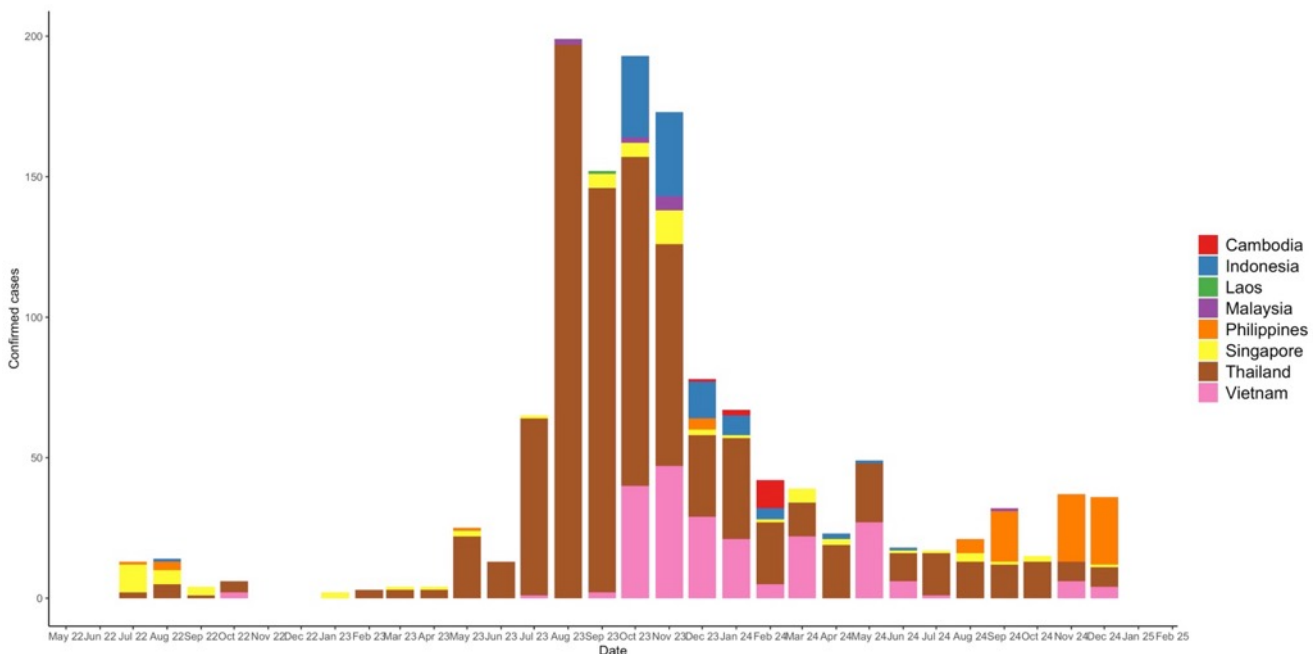
## Mpox cases per region (Jan. 1, 2023 to Jan. 4, 2025)

REGIONS	CUMULATIVE CASES 2023-2024	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
<b>AFRICA</b>	14,733	0	67	0.45%
<b>AMERICAS</b>	9,186	0	99	1.08%
<b>ASEAN</b>	1,279	0	18	1.41%
<b>ASIA &amp; OCEANIA</b>	6,715	0	24	0.36%
<b>EUROPE</b>	2,914	0	4	0.14%
<b>TOTAL</b>	<b>34,827</b>	<b>0</b>	<b>212</b>	<b>0.61%</b>

Source: Our World in Data, accessed on January 7, 2025 (<https://ourworldindata.org/monkeypox>)

## Trend of Mpox Confirmed Cases in the ASEAN Region

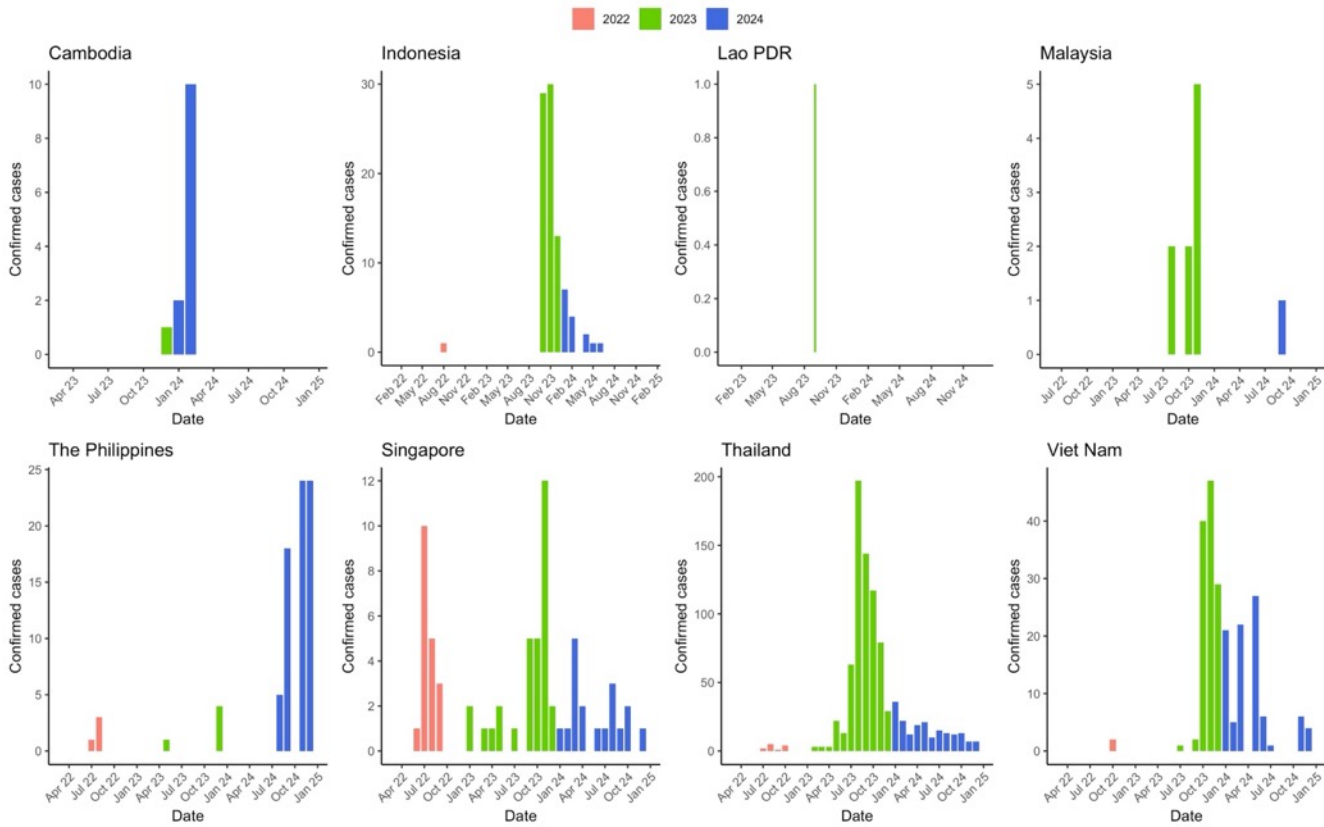
January 1, 2022 to January 4, 2025



Source: Our World in Data, accessed on January 7, 2025 (<https://ourworldindata.org/monkeypox>)

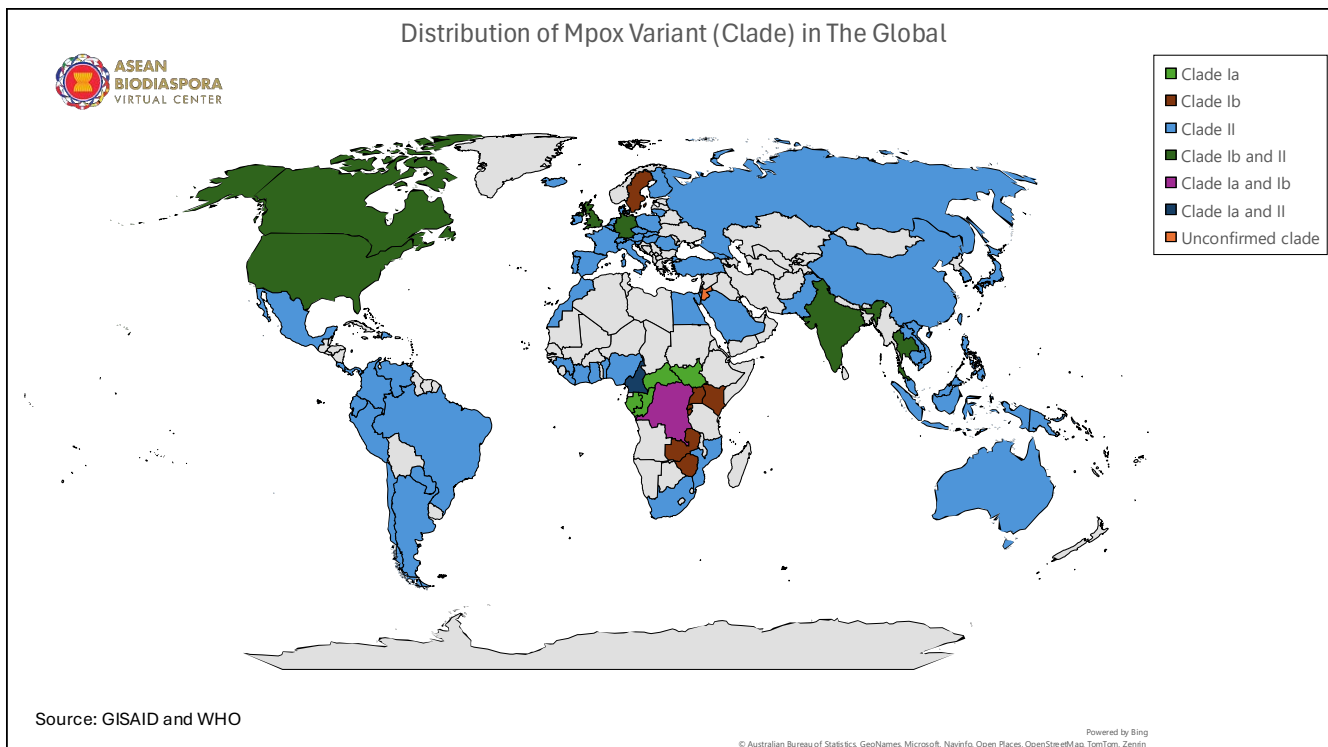


## Trend of Mpox Confirmed Cases among ASEAN Member States January 1, 2022 to January 4, 2025



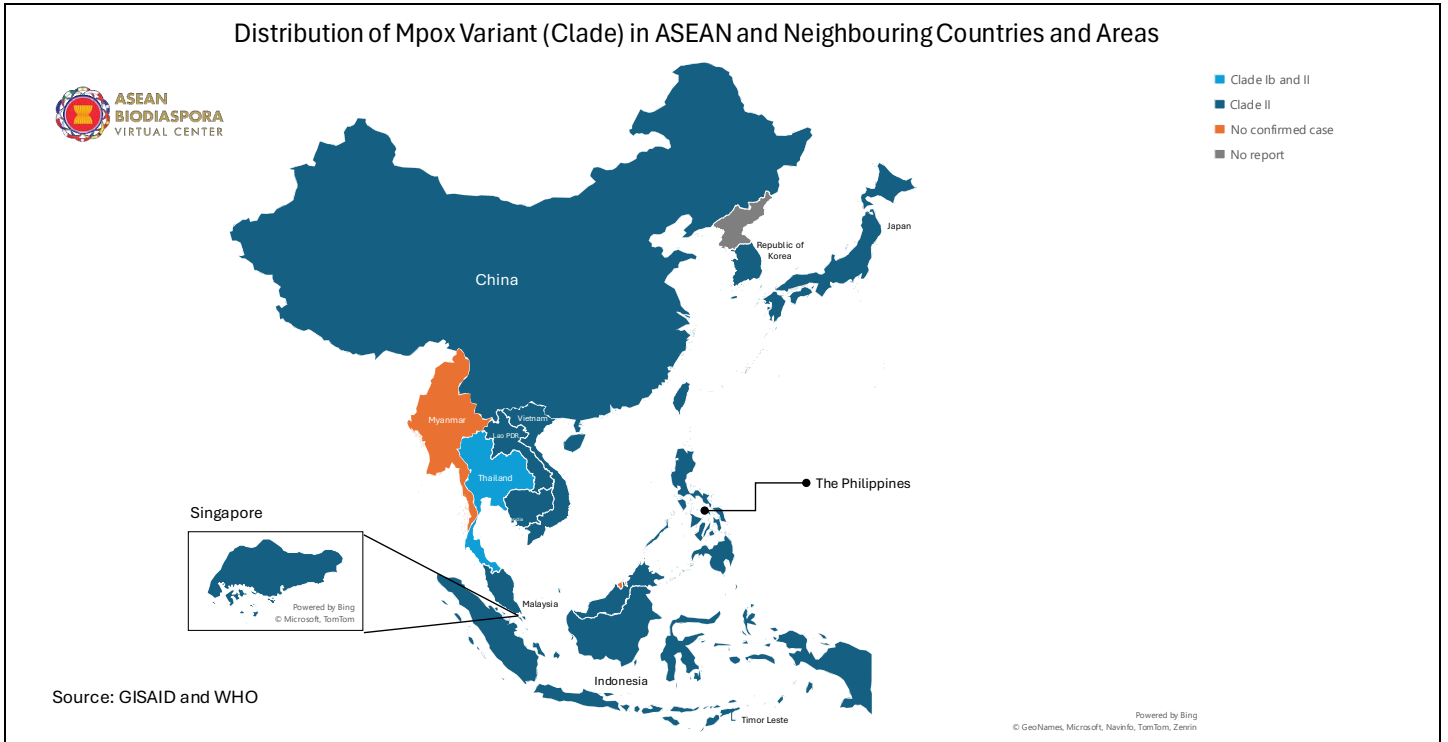
Source: Our World in Data, accessed on January 7, 2025 (<https://ourworldindata.org/monkeypox>)

## Distribution of Mpox Variants in The Global As of January 4, 2025





## Distribution of Mpox Variants in the ASEAN and Neighbouring Countries and Areas As of January 4, 2025



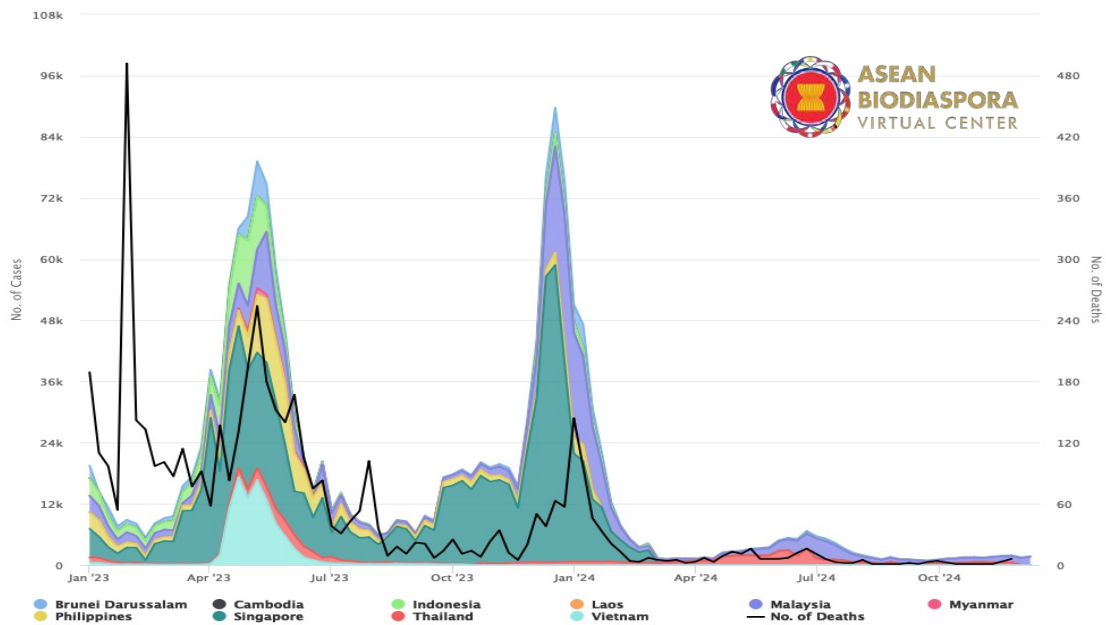
# COVID-19

## Key Findings

- As of 4 January 2025 (5PM, GMT+7), there were **704,848,223** confirmed cases **worldwide**, including **7,010,826 deaths**. Globally, Case Fatality Rate (CFR) was **1.00%**.
- **37,092,635 total confirmed cases** of COVID-19 have been reported in the **ASEAN Region**.
- The CFR in the **ASEAN Region** was **1.00%**.

## ASEAN Weekly COVID-19 Cases and Deaths

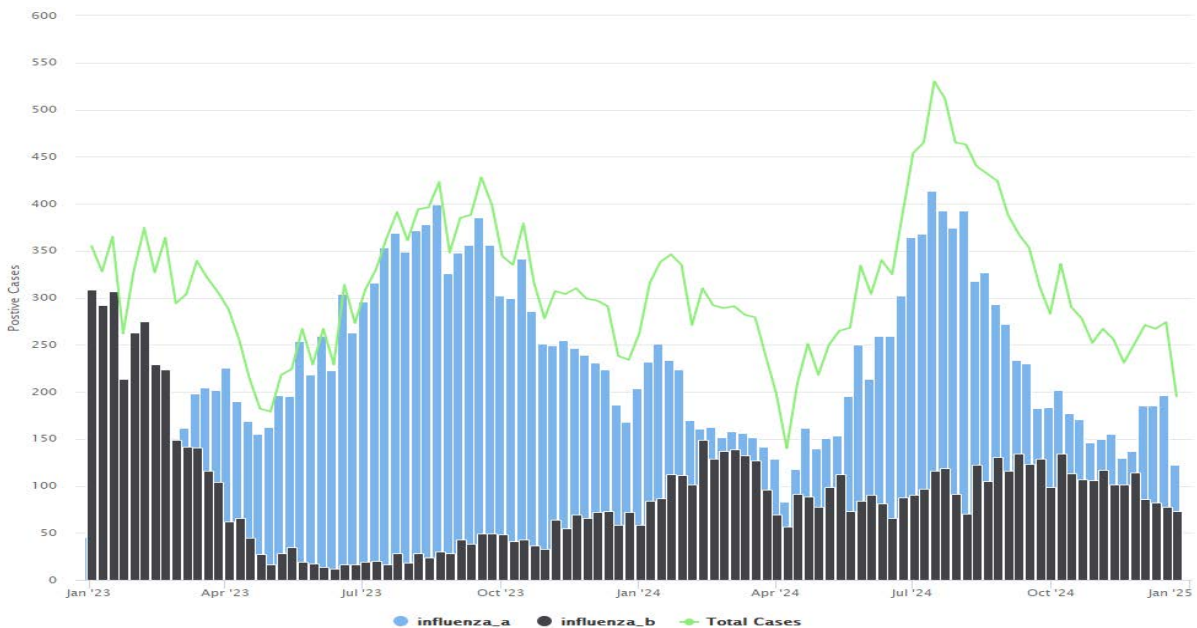
From January 1, 2023 to January 4, 2025



Source: [Singapore Government and the WHO](#), accessed on January 7, 2025

## Trends of Influenza Confirmed Cases in the ASEAN region

From January 1, 2023 to January 4, 2025

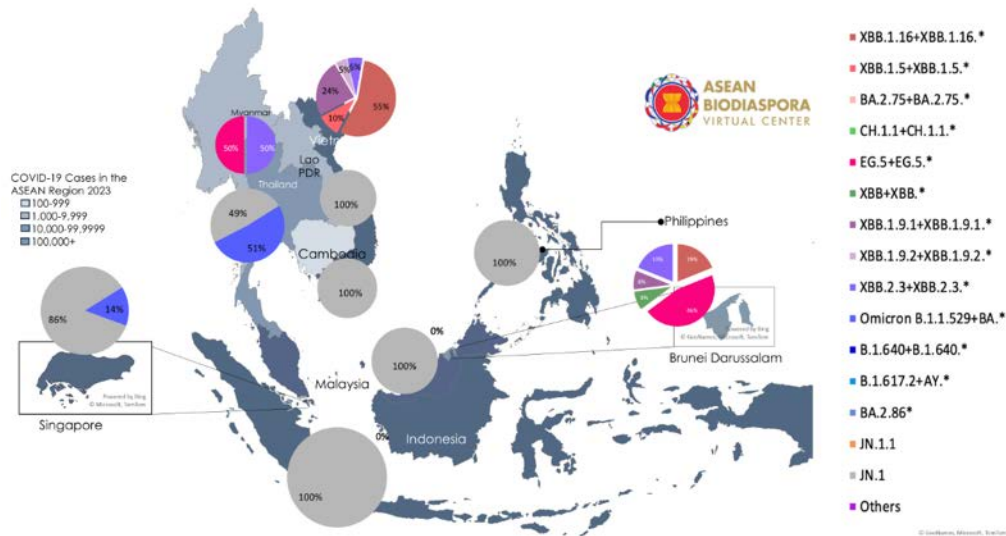


Source: FluNet, accessed on January 7, 2025 (<https://www.who.int/tools/flunet>)



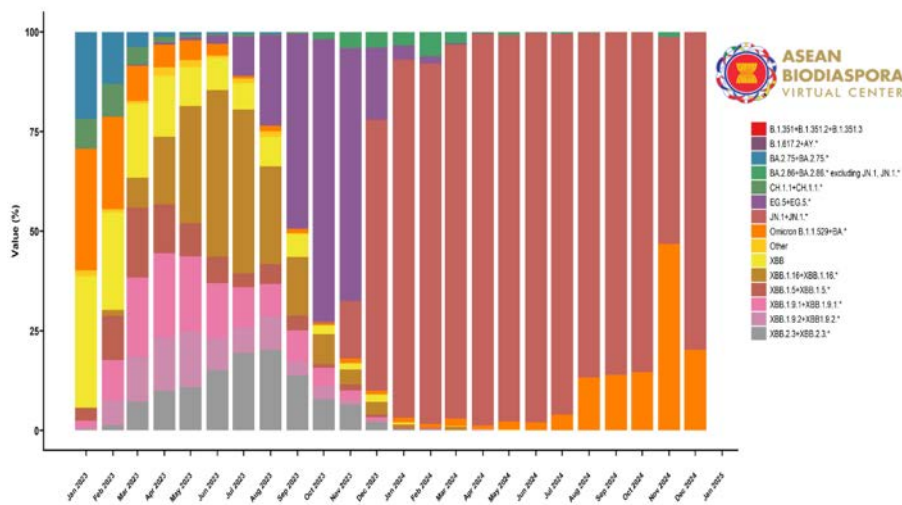


## COVID-19 Variants Frequencies Among the ASEAN Member States In December 2024



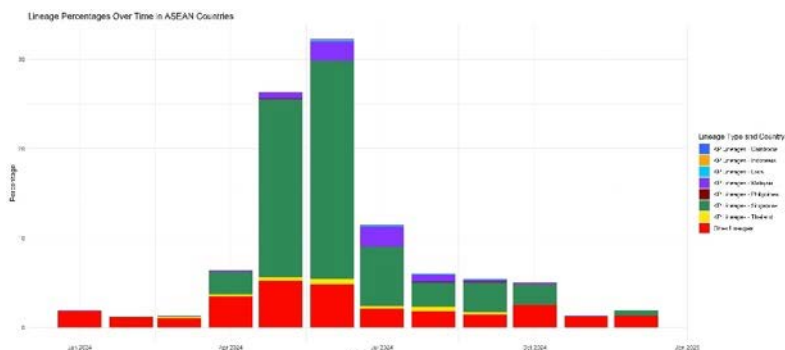
Source: GISAID. "hCoV-19 Variants Dashboard," accessed January 7, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

## COVID-19 Variants Frequencies in the ASEAN Region From January 2023 to December 2024



Source: GISAID. "hCoV-19 Variants Dashboard," accessed January 7, 2025, <https://gisaid.org/hcov-19-variants-dashboard/>.

## COVID-19 "KP" Sub-Variant detected in the ASEAN region From January 2024 to December 2024



Source: GISAID. "hCoV-19 Variants Dashboard," accessed on January 7, 2025 (<https://gisaid.org/hcov-19-variants-dashboard/>)

# Zoonosis

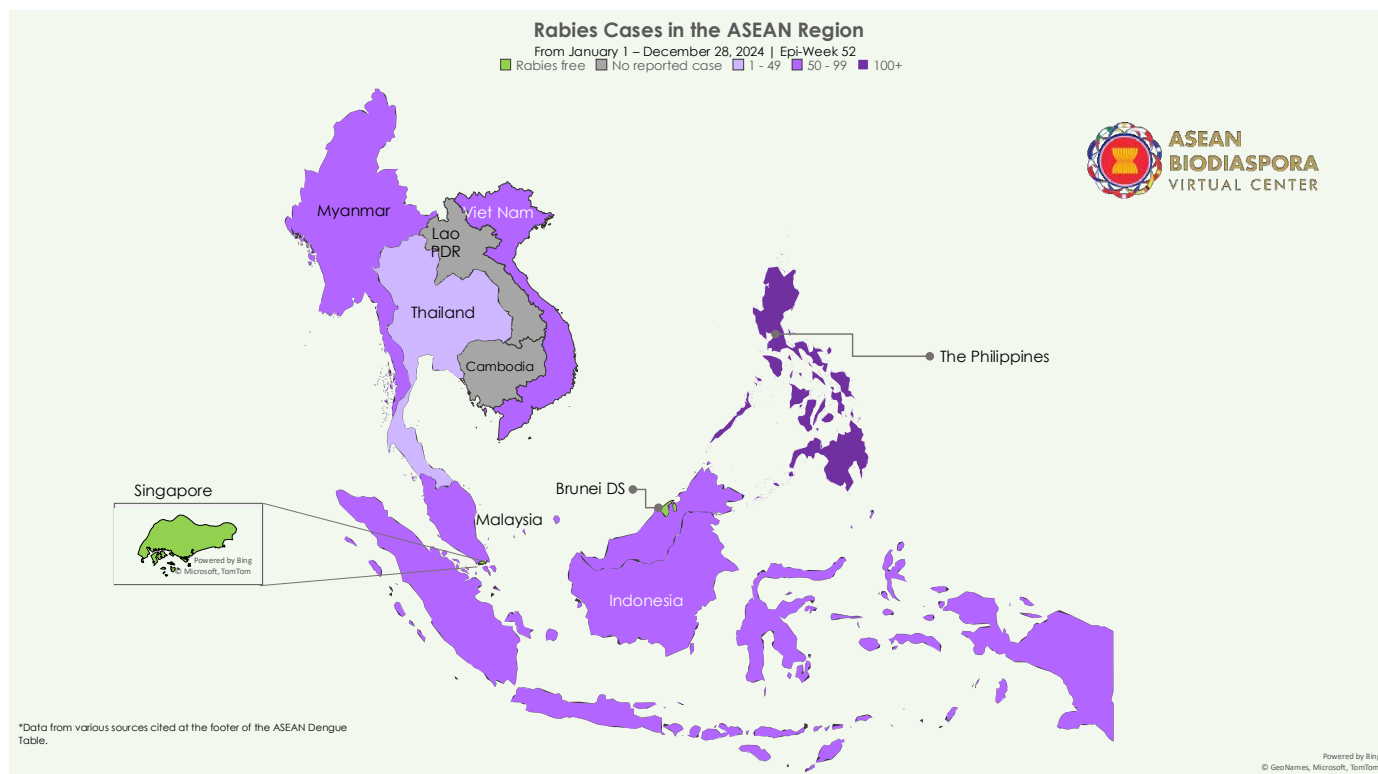




# RABIES

## Rabies Cases in the ASEAN Region

From January 1 to December 28, 2024 (Epi-Week 52)



## Rabies cases in the ASEAN region

Country	Epi-Week Reported 2024	Cumulative Cases in 2024	New Cases Since Previous Report	Cumulative Deaths	CFR
<b>Brunei Darussalam</b>			Rabies-free country		
<b>Cambodia</b>	-	-	-	-	-
<b>Indonesia<sup>1</sup></b>	Week 48	102	-	102	100%
<b>Lao PDR</b>	-	-	-	-	-
<b>Malaysia<sup>2</sup></b>	Week 24	79	-	79	100%
<b>Myanmar<sup>3</sup></b>	Week 50	79	-	79	100%
<b>Philippines<sup>2</sup></b>	Week 39	354	-	354	100%
<b>Singapore</b>			Rabies-free country		
<b>Thailand<sup>4</sup></b>	Week 50	5	0	5	100%
<b>Viet Nam<sup>2</sup></b>	Week 50	80	-	80	100%
<b>Total</b>		<b>696</b>	<b>0</b>	<b>696</b>	<b>100%</b>

Source:

1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed December 31, 2024 (<https://portal.bluedot.global/>)
3. Department of Public Health, Ministry of Health, Myanmar
4. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed December 31, 2024

- The **ASEAN** region reported **NO** new rabies cases since the previous report. The region reported **696** total cases with **100%** CFR.

# Vector-Borne Diseases





# DENGUE

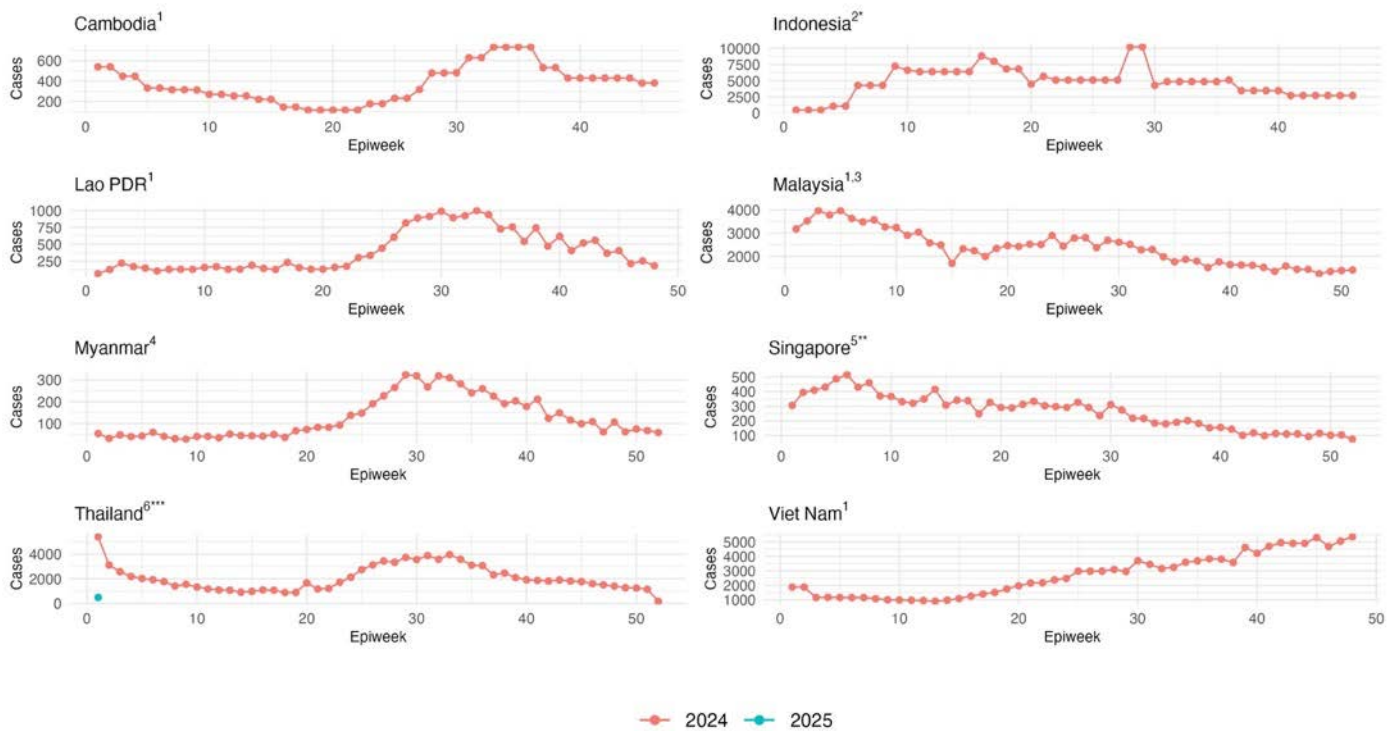
## Dengue Cases in the ASEAN Region

From December 29, 2024 to January 4, 2025 (Epi-Week 1)

### Key Findings

- The **ASEAN** region reported **492** new dengue cases in Epiweek 1, 2025.
- Up to January 4, 2025, the region reported **492** total cases with **0%** CFR.
- Most dengue trends in AMS showing peak in the middle of year 2024 (around epiweek 30) and keep decreasing until last 2024. However, Singapore showing decreasing trend since early 2024. Meanwhile, Viet Nam showing increasing trend of dengue cases since early 2024.

### Trend of Dengue cases in the ASEAN region, 2024 - 2025



Source:

1. WHO WPRO, "Dengue," World Health Organization, accessed January 7, 2025 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
2. Ministry of Health, Republic of Indonesia
3. Senarai Kenyataan Akhbar Demam Denggi dan Chikungunya, Kementerian Kesihatan Malaysia, accessed January 7, 20245([https://www.moh.gov.my/index.php/database\\_stores/store\\_view/17](https://www.moh.gov.my/index.php/database_stores/store_view/17))
4. Department of Public Health, Ministry of Health, Myanmar
5. Ministry of Health. "Weekly Infectious Disease Bulletin", accessed January 7, 2025. (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2024/weekly-infectious-diseases-bulletin>)
6. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed January 7, 2025, ([https://dvis3.ddc.moph.go.th/t/DDC\\_CENTER\\_DOE/views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y](https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOE/views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y))

- 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 to January 4, 2024 (Epi-Week 1)

### Key Findings

- The **ASEAN** region reported **1,723** new malaria cases Epiweek 1, 2025.
- Up to January 4, 2025, the region reported **1,723** total cases with **0.00%** CFR.



### Malaria cases in the ASEAN region

Country	Cumulative Cases in 2024	Cumulative Cases In 2025	New Cases Since Last Week	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia <sup>1</sup>	355	-	-	-	0.00%
Indonesia <sup>2</sup>	472,875	1,704	1,704	0	0.00%
Lao PDR <sup>3</sup>	20,019	-	-	-	0.05%
Malaysia <sup>4</sup>	24	-	-	-	0.00%
Myanmar <sup>5</sup>	180,412	-	-	-	0.00%
Philippines <sup>4</sup>	2	-	-	-	0.00%
Singapore <sup>6</sup>	26	-	-	-	0.00%
Thailand <sup>7</sup>	4,270	19	19	0	0.05%
Viet Nam <sup>4</sup>	166	-	-	-	0.00%
<b>Total</b>	<b>678,149</b>	<b>1,723</b>	<b>1,723</b>	<b>0</b>	<b>0.00%</b>

Source:

1. Cambodia National Malaria Center, accessed January 7, 2025 (<https://mis.cnm.gov.kh/Dashboard>)
2. Malaria Cases in Indonesia, accessed January 7, 2025 (<https://malaria.kemkes.go.id/case>)
3. Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed January 7, 2025 (<https://www.facebook.com/CCEH.MoH.Lao/>)
4. Bluedot Platform, accessed January 7, 2025 (<https://portal.bluedot.global/>)
5. Department of Public Health, Ministry of Health, Myanmar
6. Ministry of Health Singapore, accessed January 7, 2025 (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2024/weekly-infectious-diseases-bulletin>)
7. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed January 7, 2025 ([https://dvis3.ddc.moph.go.th/t/DDC\\_CENTER\\_DOF/views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y](https://dvis3.ddc.moph.go.th/t/DDC_CENTER_DOF/views/DDS2/sheet33?%3Aembed=y&%3AisGuestRedirectFromVizportal=y))



A person wearing a white lab coat is shown from the chest up, holding a clear glass vial in their right hand and a white syringe in their left hand. The syringe has a scale on it with numbers 1, 2, 3, 4, and 5. The background is a soft, out-of-focus light blue. A dark, semi-transparent overlay covers the entire image, and the text "Vaccine- Preventable Diseases" is written in large, bold, white letters across the center.

# Vaccine- Preventable Diseases

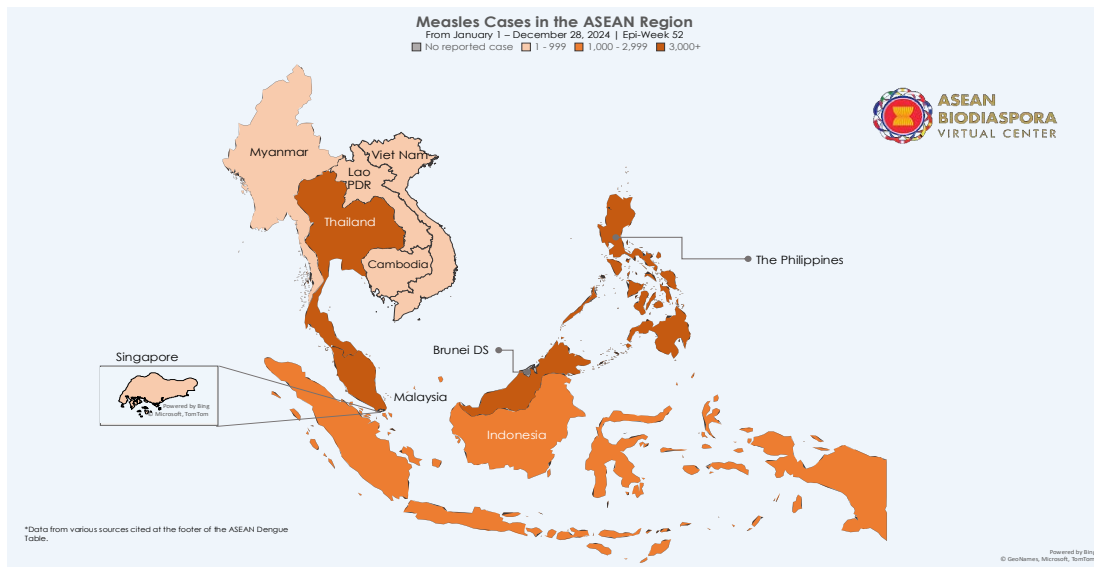
# MEASLES

## Measles Cases in the ASEAN Region

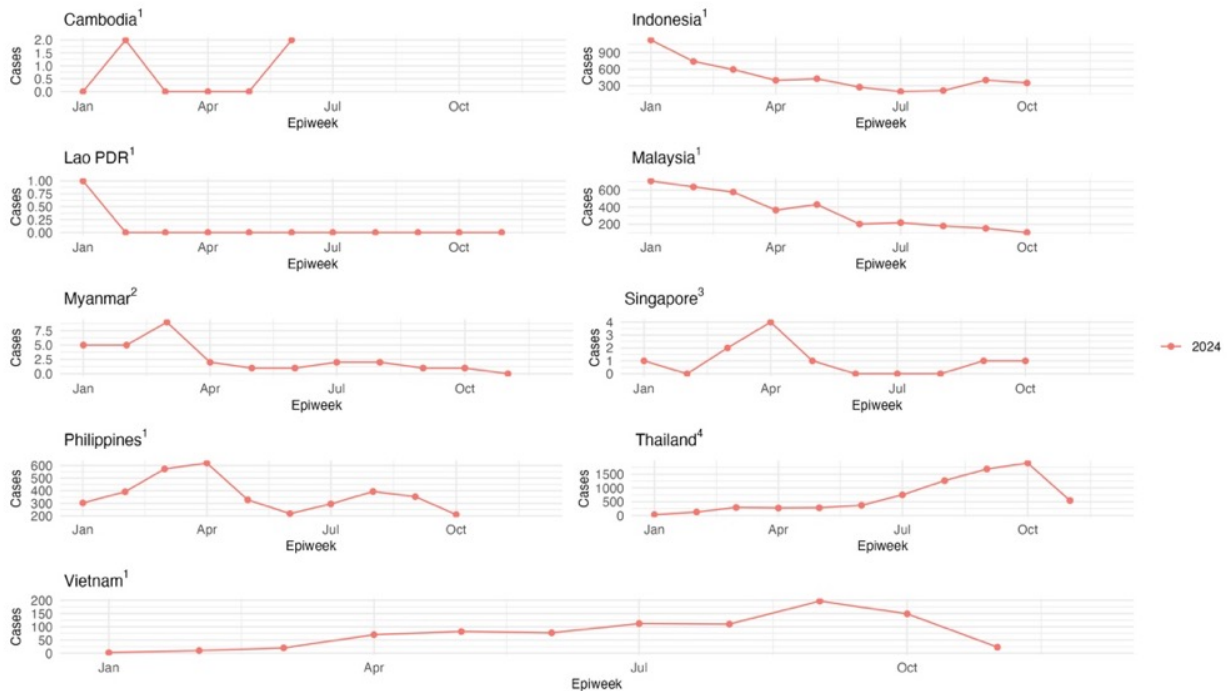
From December 28, 2024 to January 4, 2025 (Epi-Week 1)

### Key Findings

- The **ASEAN** region reported **30** new measles cases in Epiweek 1, 2025.
- Up to January 4, 2025, the region reported **30** total cases with **0%** CFR.



### Trend of Measles cases in the ASEAN region, 2024 - 2025



Source:

1. Provisional Measles and Rubella Data, World Health Organization, accessed January 7, 2025 (<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 January 7, 2025 (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)
4. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed December 3, 2024 (<http://doe.moph.go.th/surdata/index.php>)





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