



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

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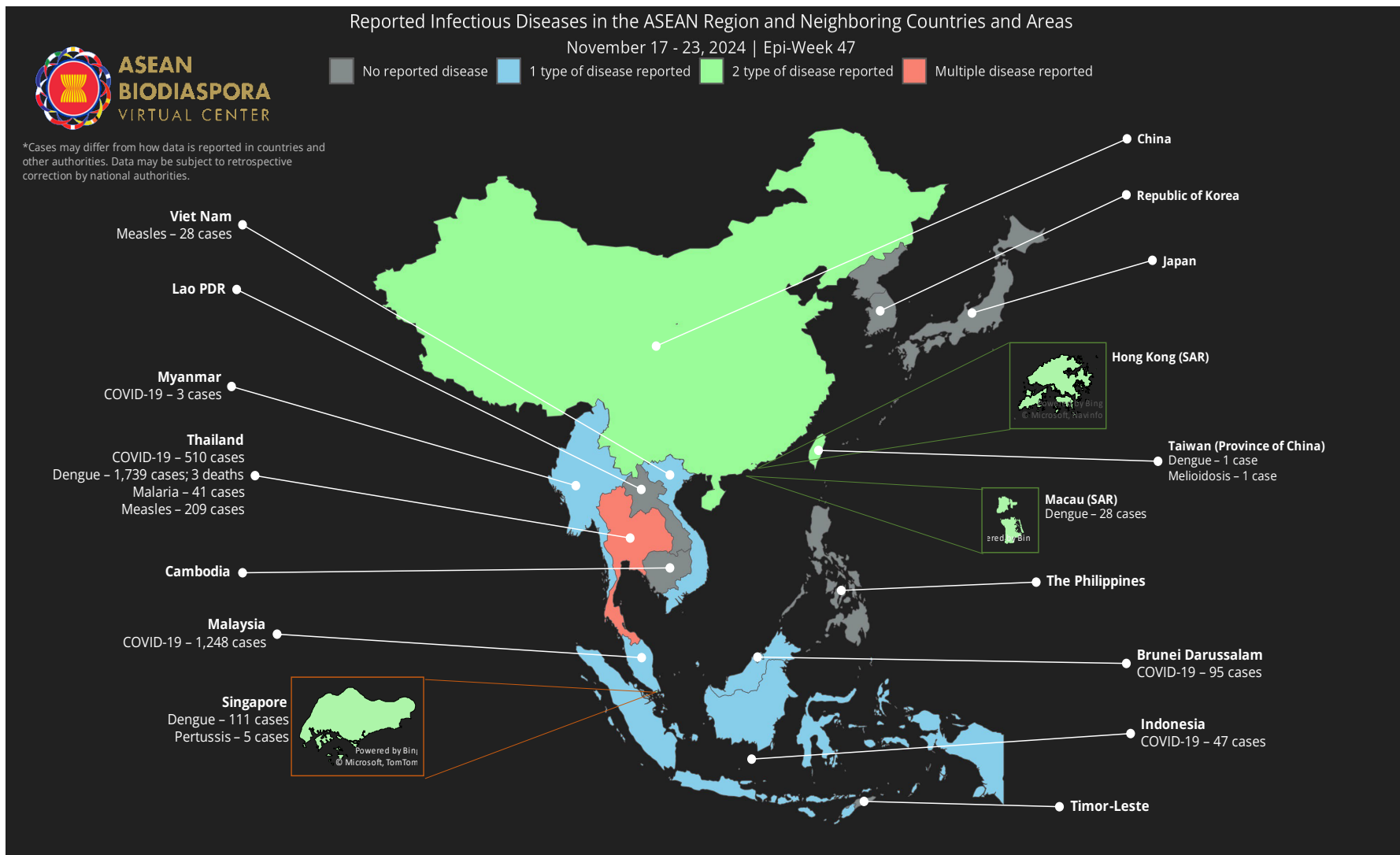
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Reported Infectious Diseases in the ASEAN Region and Neighbouring Countries and Areas

Epidemiological Week 47 | November 17 – 23, 2024



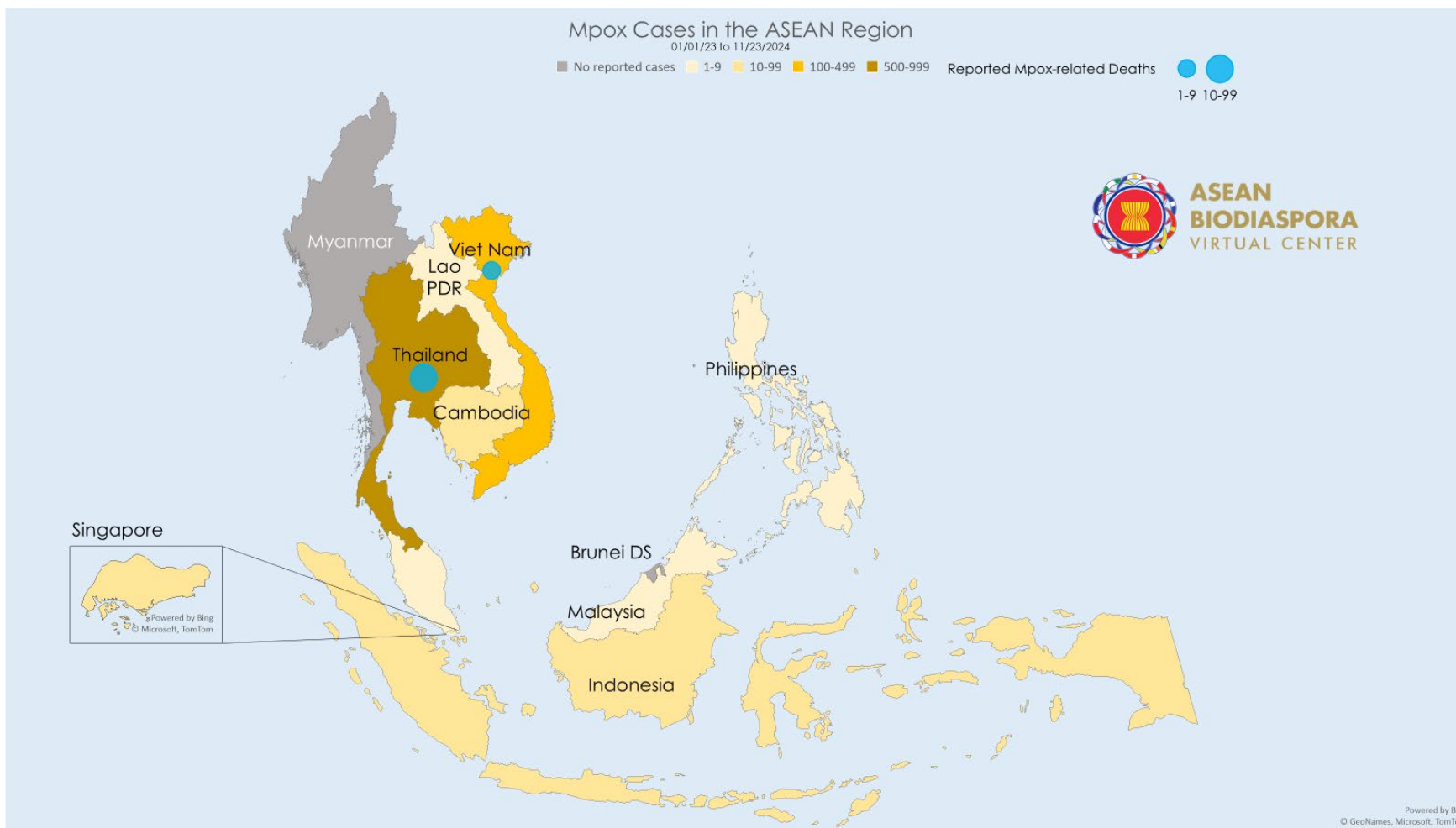
Source: AMS Official Sources, [WHO](#), [Our World in Data](#), and [Bluedot Platform](#), accessed on November 26, 2024



EMERGING DISEASES

Mpox Cases Reported in the ASEAN Region

January 1, 2023 – November 23, 2024



Source:

1. Ministry of Health Republic of Indonesia
2. Ministry of Health Singapore, accessed November 26, 2024, <https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>



Mpox: Highlights and Situation Overview

- From 1 January 2023 to 23 November 2024, **33,188** confirmed cases worldwide since 2023, including **199** deaths. Globally, the CFR was **0.60 %**.
- **1,243 confirmed cases** including **18 deaths** in the **ASEAN** region, with a CFR of **1.45%**.
- **31,945 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 Nov. 23, 2024)

ASEAN Member States	Cumulative Cases 2023-2024	New Cases Since Previous Report	Cumulative Deaths 2023-2024	CFR
Cambodia ¹	20	0	0	0.00%
Indonesia ²	87	0	0	0.00%
Lao PDR ³	1	0	0	0.00%
Malaysia ³	10	0	0	0.00%
Philippines ⁴	28	0	0	0.00%
Singapore ⁵	48	0	0	0.00%
Thailand ³	846	0	10	1.18%
Vietnam ³	203	0	8	3.94%
ASEAN Total	1,243	0	18	1.45%

Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia
3. Our World in Data, accessed on November 26, 2024 (<https://ourworldindata.org/monkeypox>)
4. Department of Health Philippines
5. Ministry of Health Singapore, accessed November 26, 2024, (<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 Nov. 23, 2024)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	10,423	0	45	0.43%
United States of America	4,099	0	10	0.24%
People's Republic of China	2,707	0	1	0.04%
Brazil	2,329	0	2	0.09%
Burundi	1,874	0	0	0.00%

Source: Our World in Data, accessed on November 26, 2024 (<https://ourworldindata.org/monkeypox>)

Mpox cases per region (Jan. 1, 2023 to Nov. 23, 2024)

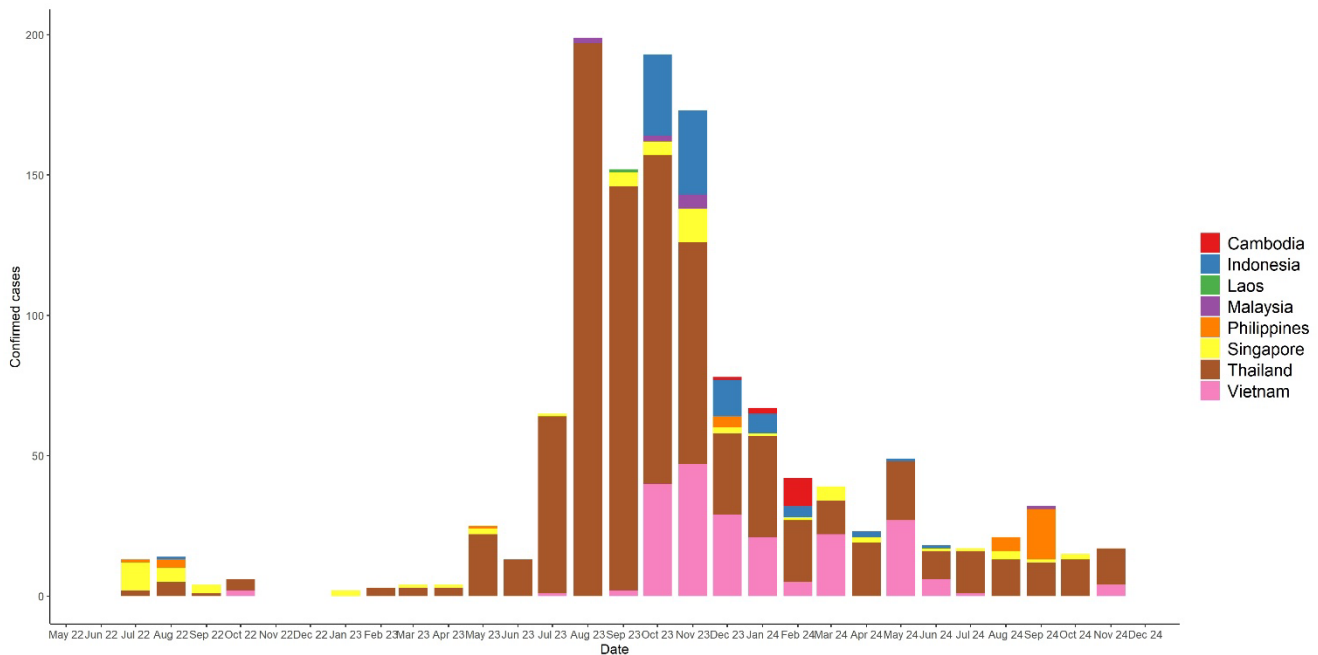
REGIONS	CUMULATIVE CASES 2023-2024	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	13,387	0	60	0.45%
AMERICAS	9,461	0	95	1.00%
ASEAN	1,243	0	18	1.45%
ASIA & OCEANIA	6,460	0	22	0.34%
EUROPE	2,637	0	4	0.15%
TOTAL	33,188	0	199	0.60%

Source: Our World in Data, accessed on November 26, 2024 (<https://ourworldindata.org/monkeypox>)



Trend of Mpox Confirmed Cases in the ASEAN Region

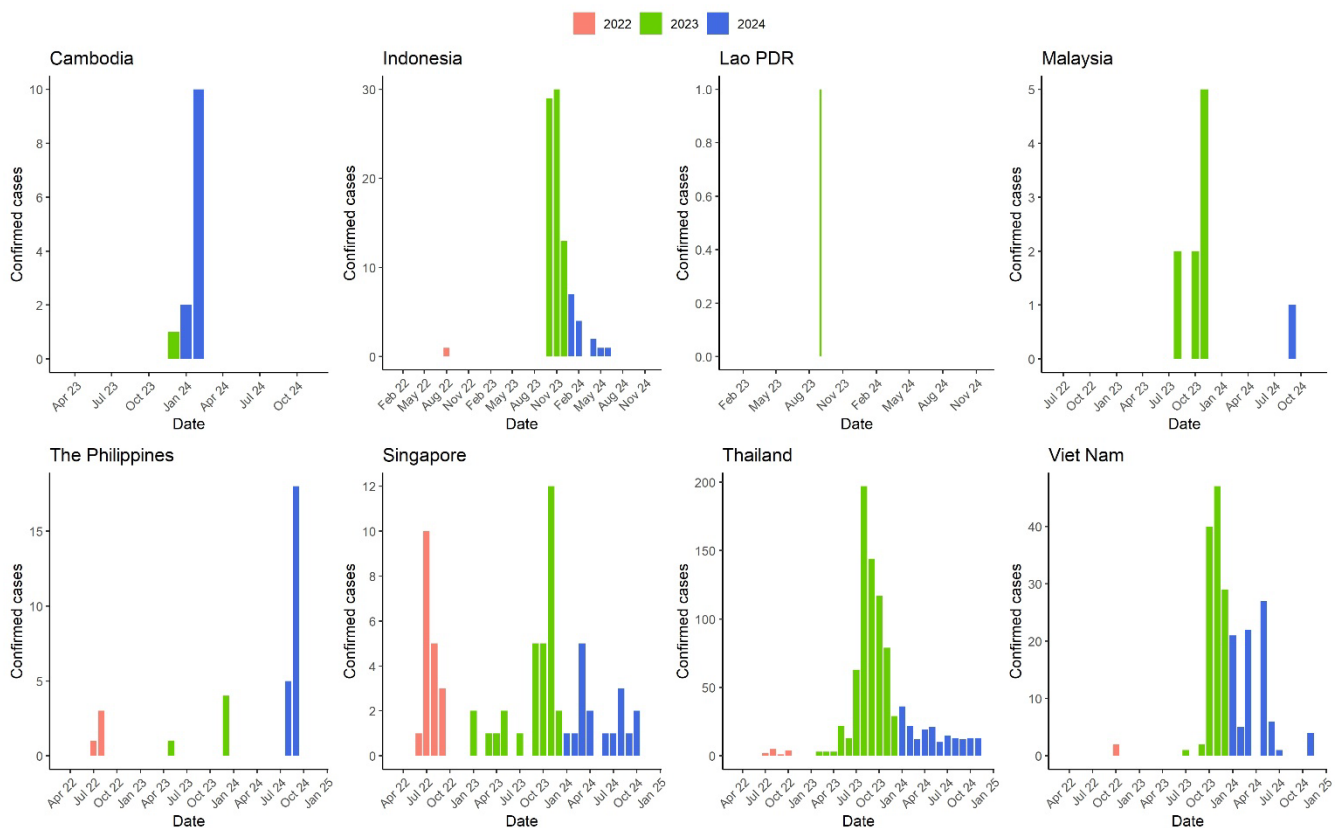
January 1, 2022 to November 23, 2024



Source: Our World in Data, accessed on November 26, 2024 (<https://ourworldindata.org/monkeypox>)

Trend of Mpox Confirmed Cases among ASEAN Member States

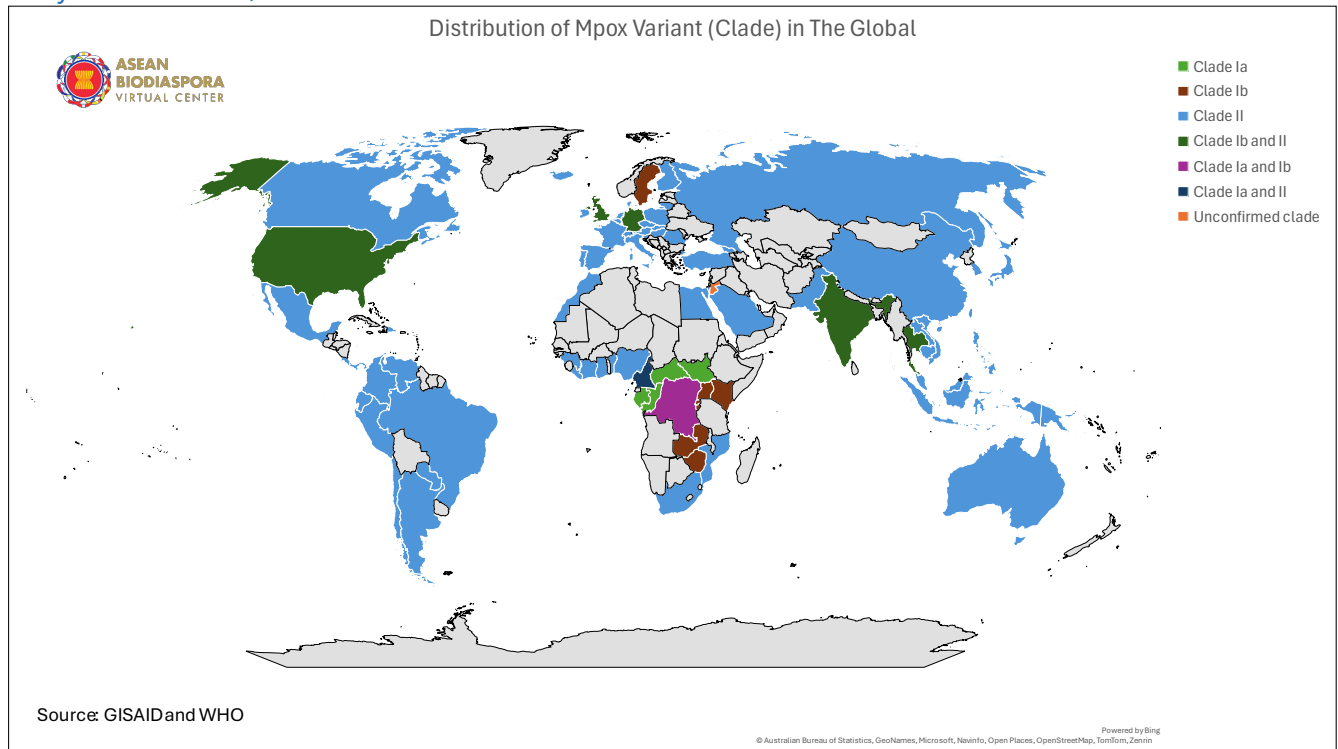
January 1, 2022 to November 23, 2024



Source: Our World in Data, accessed on November 26, 2024 (<https://ourworldindata.org/monkeypox>)

Distribution of Mpox Variants in The Global

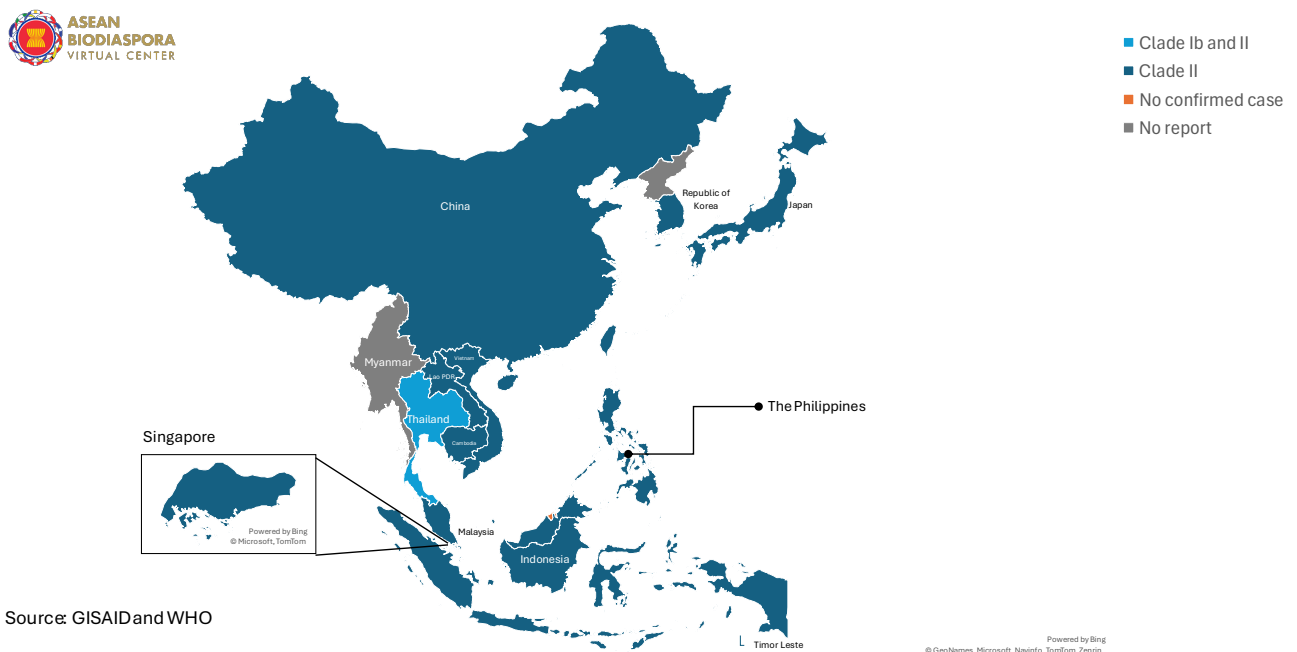
As of November 23, 2024



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

As of November 23, 2024

Distribution of Mpox Variant (Clade) in ASEAN and Neighbouring Countries and Areas

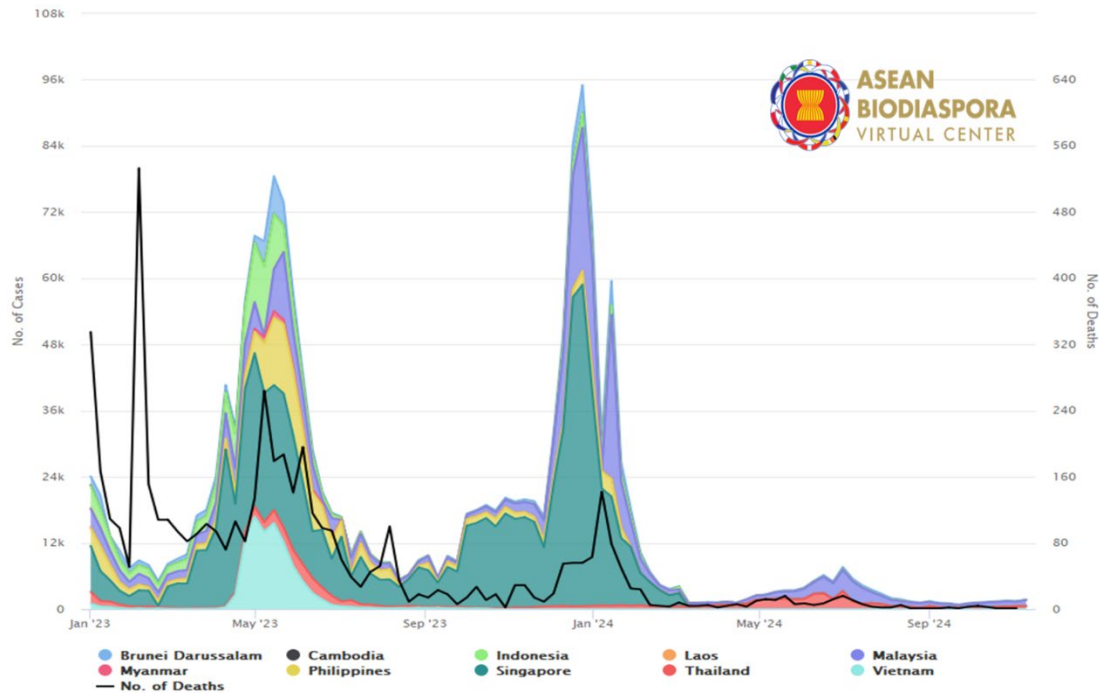


COVID-19: Highlights and Situation Overview

- As of 23 November 2024 (5PM, GMT+7), there were **704,836,356** confirmed cases **worldwide**, including **7,010,821 deaths**. Globally, Case Fatality Rate (CFR) was **1.00%**.
- **37,080,768 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

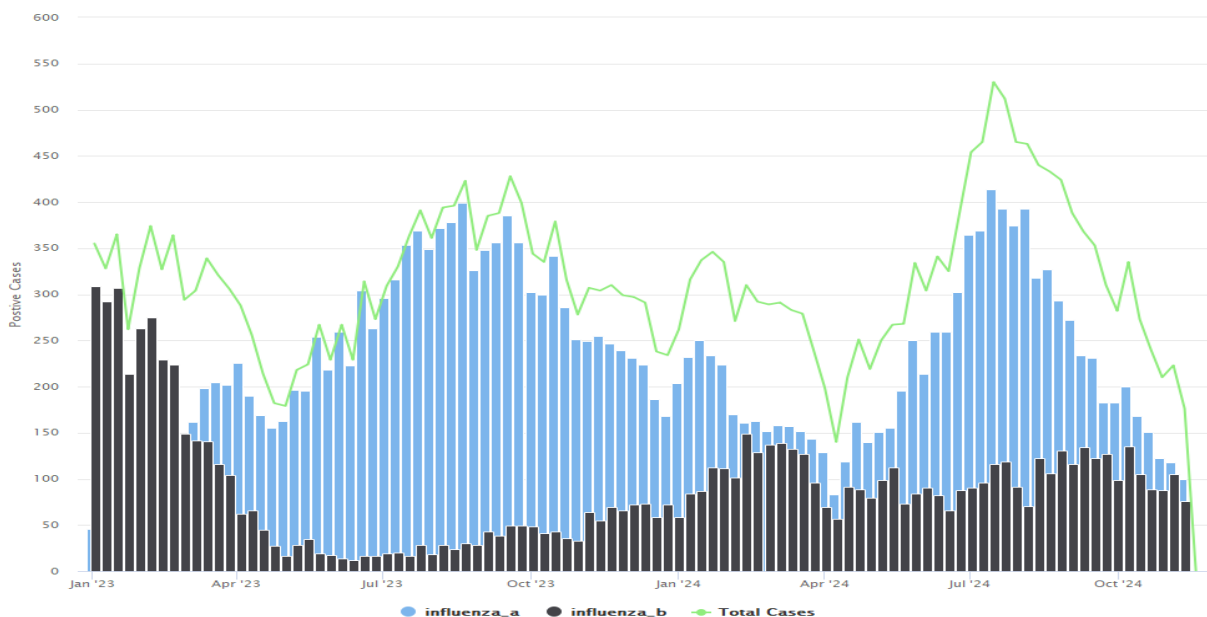
From January 1, 2023 to November 23, 2024



Source: [Singapore Government and the WHO](#), accessed on November 26, 2024

Trends of Influenza Confirmed Cases in the ASEAN region

From January 1, 2023 to November 23, 2024

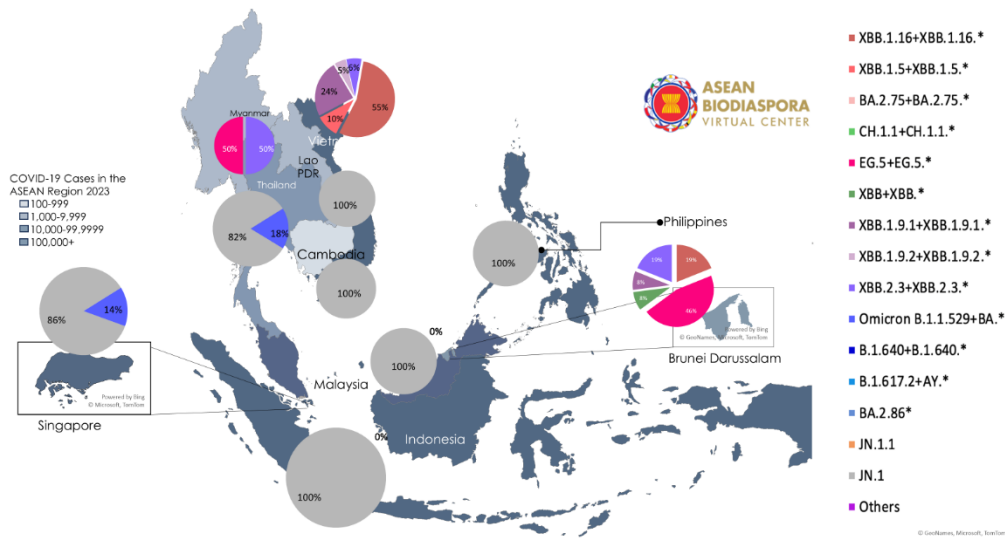


Source: FluNet, accessed on November 26, 2024 (<https://www.who.int/tools/fluinet>)

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COVID-19 Variants Frequencies Among the ASEAN Member States

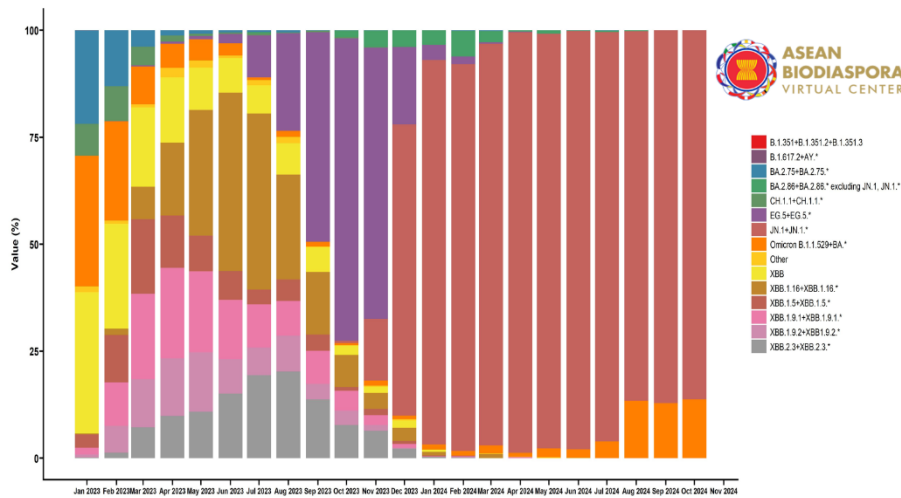
In November 2024



Source: GISAID. "hCoV-19 Variants Dashboard," accessed November 12, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

COVID-19 Variants Frequencies in the ASEAN Region

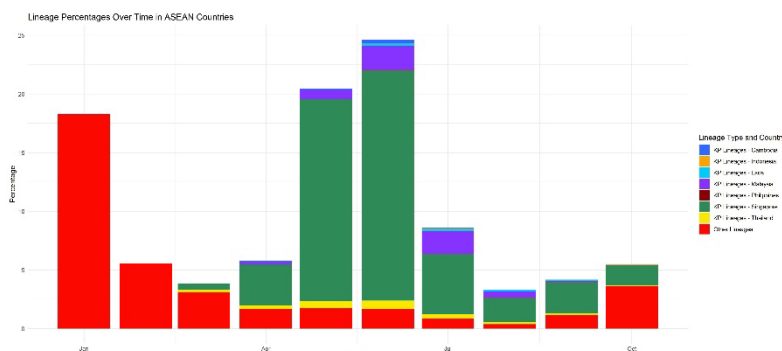
From January 2023 to November 2024



Source: GISAID. "hCoV-19 Variants Dashboard," accessed November 19, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

COVID-19 "KP" Sub-Variant detected in the ASEAN region

From January 2024 to October 2024

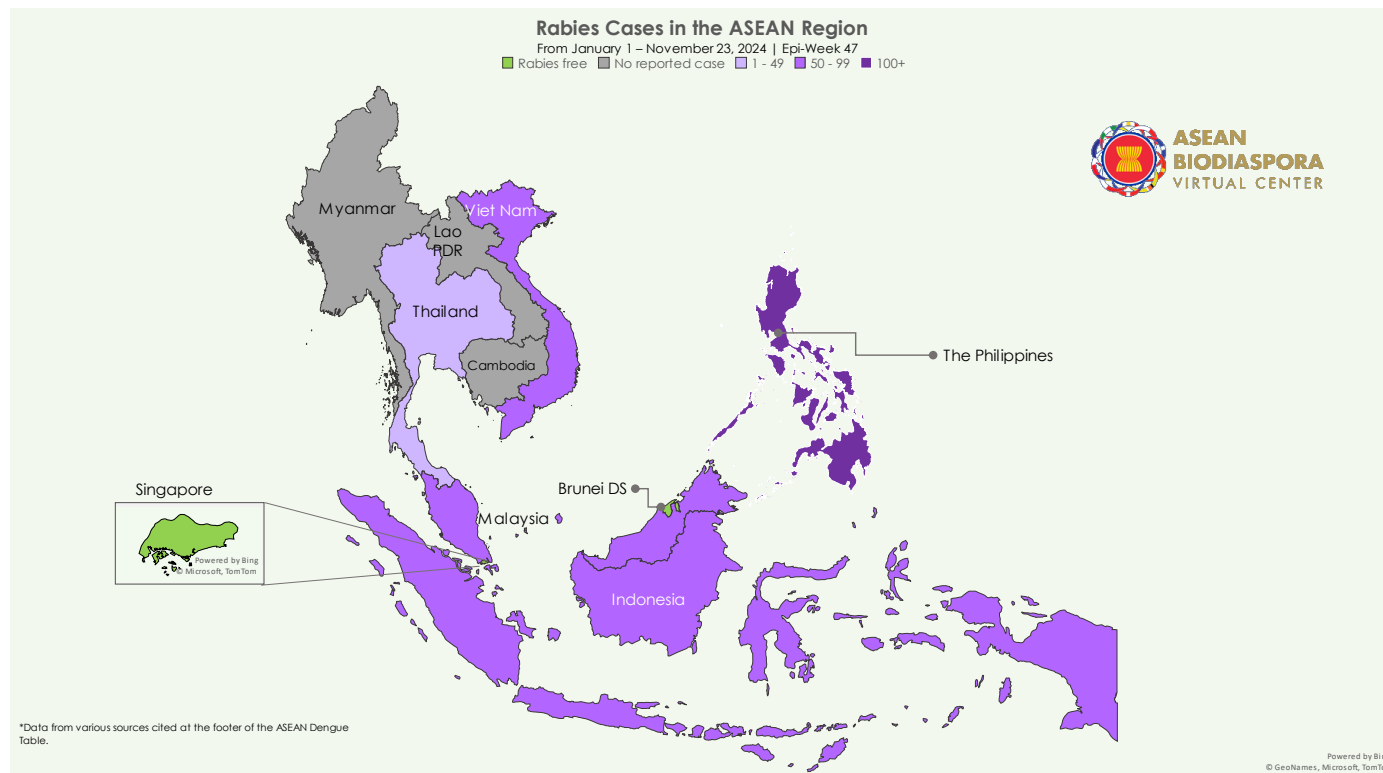


Source: GISAID. "hCoV-19 Variants Dashboard," accessed on November 26, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)

ZOONOSIS

Rabies Cases in the ASEAN Region

From January 1 to November 23, 2024 (Epi-Week 47)



Rabies cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Rabies Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Brunei Darussalam			<i>Rabies-free country</i>		
Cambodia	-	-	-	-	-
Indonesia¹	Week 27	78	-	78	100%
Lao PDR	-	-	-	-	-
Malaysia²	Week 24	79	-	79	100%
Myanmar	-	-	-	-	-
Philippines²	Week 39	354	-	354	100%
Singapore			<i>Rabies-free country</i>		
Thailand³	Week 45	5	0	5	100%
Viet Nam²	Week 42	65	-	65	100%
Total		581	0	581	100%

Source:

1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed November 26, 2024 (<https://portal.bluedot.global/>)
3. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed November 26, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **NO** new rabies cases since the previous report. The region reported **581** total cases with **100%** CFR.

VECTOR-BORNE DISEASES

Dengue Cases in the ASEAN Region

From January 1 to November 23, 2024 (Epi-Week 47)



Dengue cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Dengue Cases	New Cases Since the Previous Report	Cumulative Deaths	New Deaths	CFR
Brunei Darussalam	-	-	-	-	-	-
Cambodia¹	Week 44	16,327	-	42	-	0.26%
Indonesia^{2*}	Week 40	202,012	-	1,202	-	0.60%
Lao PDR¹	Week 44	17,867	-	2	-	0.01%
Malaysia^{1,3}	Week 45	112,833	-	104	-	0.09%
Myanmar⁴	Week 27	1,309	-	3	-	0.23%
Philippines⁴	Week 45	314,785	-	546	-	0.17%
Singapore^{5**}	Week 46	13,058	111	-	-	0.00%
Thailand^{6***}	Week 45	96,570	1,739	78	3	0.08%
Viet Nam¹	Week 42	100,048	-	16	-	0.02%
Total		874,809	1,850	1,993	3	0.23%

Source:

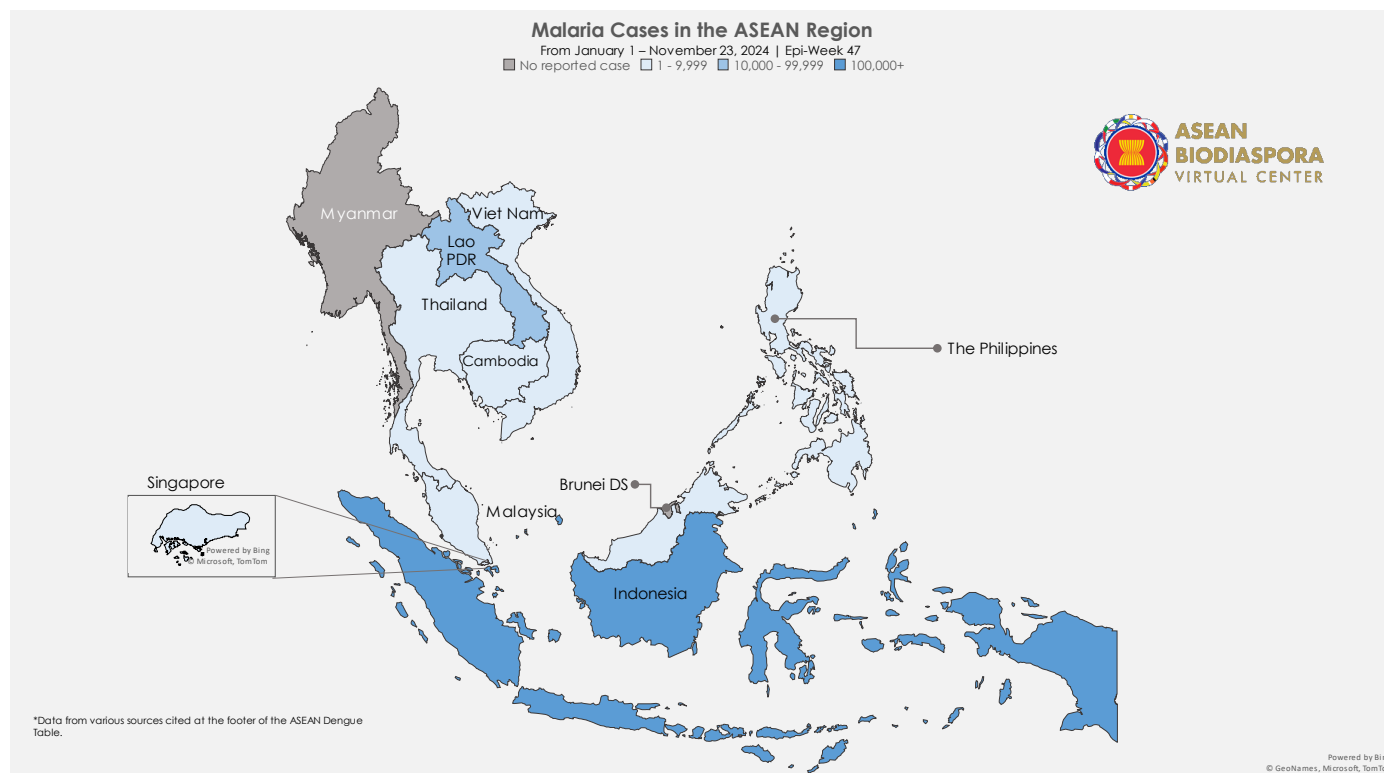
1. WHO WPRO, "Dengue," World Health Organization, accessed November 26, 2024 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
2. Ministry of Health, Republic of Indonesia
3. Senarai Kenyataan Akhbar Demam Denggi dan Chikungunya, Kementerian Kesihatan Malaysia, accessed November 26, 2024 (https://www.moh.gov.my/index.php/database_stores/store_view/17)
4. Bluedot Developer Portal, accessed November 26, 2024, (<https://developer-portal.bluedot.global/>).
5. Ministry of Health. "Weekly Infectious Disease Bulletin", accessed November 26, 2024. (<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 November 26, 2024, (<http://doe.moph.go.th/surdata/index.php>)

- Data were updated and collected from official sources, which may have a 2-8 weeks delay in reporting. Data must be interpreted cautiously.

- The **ASEAN** region reported **1,850** new dengue cases since the previous report. The region reported **874,809** total cases with **0.23%** CFR.

Malaria Cases in the ASEAN Region

From January 1 to November 23, 2024 (Epi-Week 47)



Malaria cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Malaria Cases	New Cases Since the Previous Report	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia¹	Week 47	341	0	0	0.00%
Indonesia²	Week 46	409,137	-	112	0.03%
Lao PDR³	Week 46	18,917	-	11	0.06%
Malaysia³	Week 30	24	-	0	0.00%
Myanmar	-	-	-	-	-
Philippines³	Week 6	2	-	0	0.00%
Singapore⁴	Week 46	23	0	0	0.00%
Thailand⁵	Week 45	3,890	41	1	0.03%
Viet Nam³	Week 40	165	-	0	0.00%
Total		432,499	41	124	0.03%

Source:

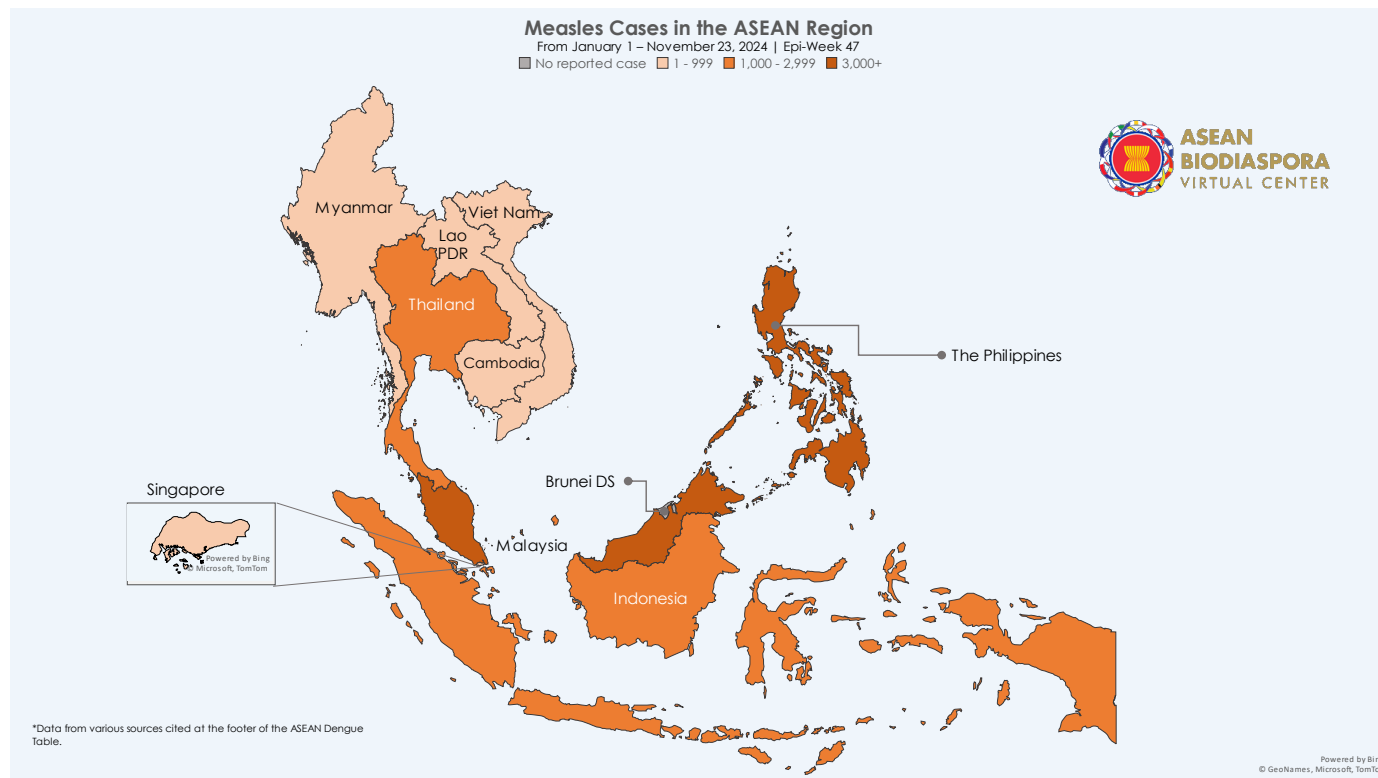
1. Cambodia National Malaria Center, accessed November 26, 2024 (<https://mis.cnm.gov.kh/Dashboard>)
2. Malaria Cases in Indonesia, accessed November 26, 2024 (<https://malaria.kemkes.go.id/case>)
3. Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed November 26, 2024 (<https://www.facebook.com/CCEH.MoH.Lao/>)
4. Bluedot Platform, accessed November 26, 2024 (<https://portal.bluedot.global/>)
5. Ministry of Health Singapore, accessed November 26, 2024 (<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 November 26, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **41** new malaria cases since the previous report. The region reported **432,458** total cases with **0.03%** CFR.

VACCINE-PREVENTABLE DISEASES

Measles Cases in the ASEAN Region

From January 1 to November 23, 2024 (Epi-Week 47)



Measles cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Measles Cases	New Cases Since the Previous Report	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia¹	Week 27	4	0	0	0.00%
Indonesia²	Week 35	1,410	-	0	0.00%
Lao PDR¹	Week 40	1	0	0	0.00%
Malaysia¹	Week 44	2,690	0	0	0.00%
Myanmar¹	Week 44	28	0	0	0.00%
Philippines¹	Week 40	3,396	0	3	0.09%
Singapore³	Week 46	10	0	0	0.00%
Thailand⁴	Week 45	5,592	209	1	0.02%
Viet Nam¹	Week 44	721	28	0	0.00%
Total		13,852	237	4	0.03%

Source:

1. Provisional Measles and Rubella Data, World Health Organization, accessed November 26, 2024 (<https://immunizationdata.who.int/global?topic=Provisional-measles-and-rubella-data&location=>)
2. Ministry of Health, Republic of Indonesia
3. Ministry of Health Singapore, accessed November 26, 2024, (<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 November 26, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **237** new measles cases since the previous report. The region reported **13,852** total cases with **0.03%** CFR.



Annex 1. Infectious Diseases in the ASEAN Region – Summary Table

Epidemiological Week 47 | From January 1 to November 23, 2024

Infectious Diseases	COVID-19 (2023 – 2024)			Mpox (2023 – 2024)			Rabies		
	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	88,003	77	0.09%	-	-	-	Rabies-free Country		
Cambodia	887	-	0.00%	20	0	0.00%	-	-	-
Indonesia	118,410	1,454	1.23%	87	0	0.00%	78	78	100%
Lao PDR	1,474	87	5.90%	1	0	0.00%	-	-	-
Malaysia	303,272	494	0.16%	10	0	0.00%	79	79	100%
Myanmar	9,659	5	0.05%	-	-	-	-	-	-
Philippines	141,371	1,467	1.04%	28	0	0.00%	354	354	100%
Singapore	819,481	313	0.04%	48	0	0.00%	Rabies-free Country		
Thailand	86,280	1,063	1.25%	846	10	1.20%	5	5	100%
Viet Nam	101,828	20	0.02%	203	8	3.98%	65	65	100%
ASEAN Region	1,670,665	4,980	0.30%	1,243	18	1.47%	581	581	100%

Infectious Diseases	Dengue			Malaria			Measles		
	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	-	-	-	-	-	-	-	-	-
Cambodia	16,327	42	0.26%	339	0	0%	4	0	0%
Indonesia	202,012	1,202	0.60%	409,137	112	0.03%	1,410	0	0%
Lao PDR	17,867	2	0.01%	18,917	11	0.06%	1	0	0%
Malaysia	112,833	104	0.09%	24	0	0%	2,690	0	0%
Myanmar	1,309	3	0.23%	-	-	-	28	0	0%
Philippines	314,785	546	0.17%	2	0	0%	3,396	3	0.09%
Singapore	13,058	0	0.00%	23	0	0%	10	0	0%
Thailand	96,570	78	0.08%	3,890	1	0.03%	5,592	1	0.02%
Viet Nam	100,048	16	0.02%	165	0	0%	721	0	0%
ASEAN Region	874,809	1,993	0.23%	432,499	124	0.03%	13,852	4	0.03%