

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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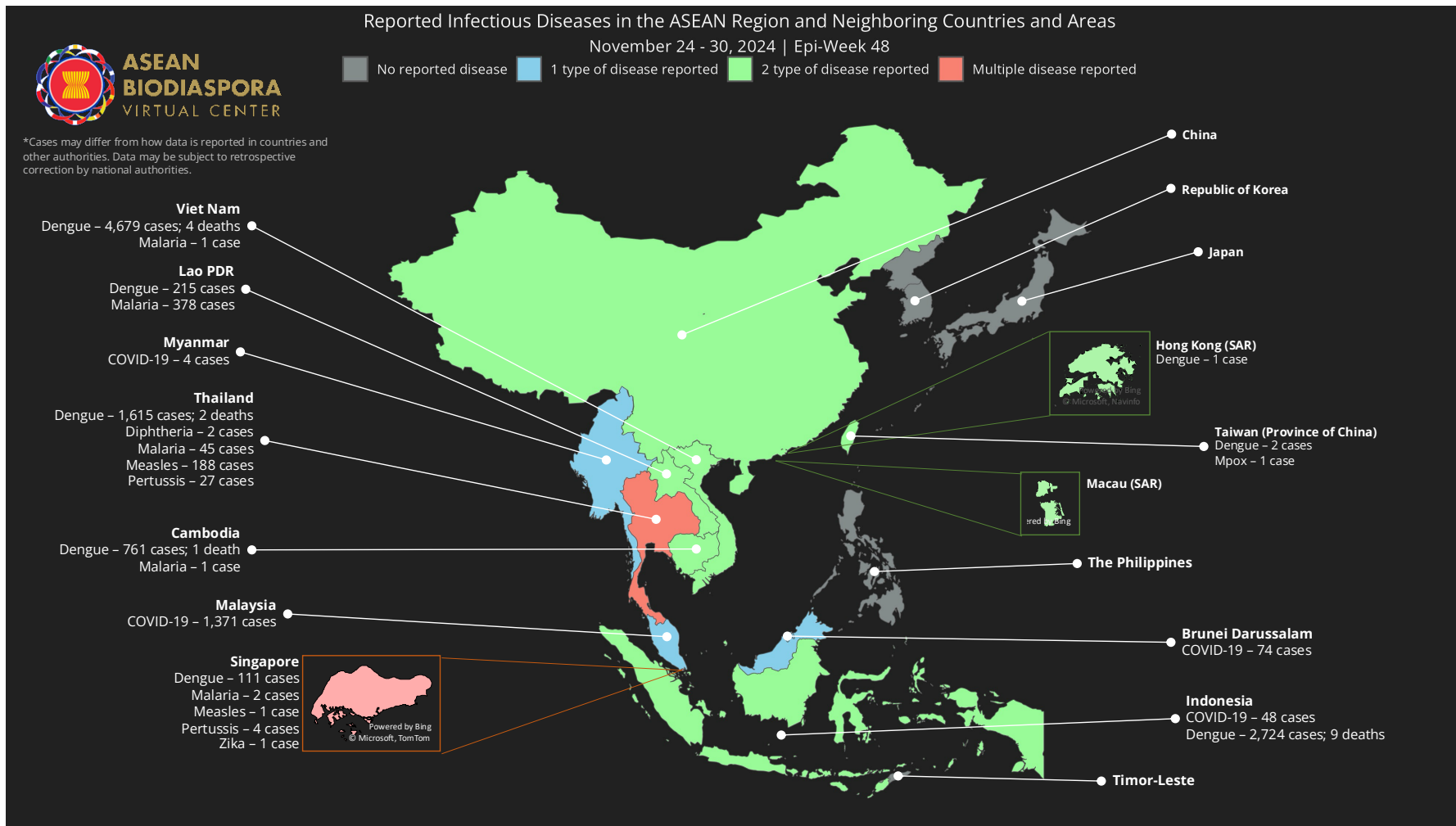


Table of Contents

Reported Infectious Diseases in the ASEAN Region and Neighboring Countries	1
Emerging Diseases	2
Mpox	2
Mpox Cases Reported in the ASEAN Region	2
Mpox Highlights and Situation Overview	3
Mpox Cases in the ASEAN Region	3
Top 5 Countries with Most Mpox Cases Globally	3
Mpox Cases per Region	3
Trend of Mpox in the ASEAN Region	4
Trend of Mpox among ASEAN Member States	4
Distribution of Mpox Variants in The Global	5
Distribution of Mpox Variants in The ASEAN and Neighbouring Countries	5
COVID-19	6
COVID-19: Highlights and Situation Overview	6
ASEAN Weekly COVID-19 Cases and Deaths	6
Trends of Influenza Confirmed Cases in the ASEAN region	6
COVID-19 Variants Frequencies Among the ASEAN Member States	7
COVID-19 Variants Frequencies in the ASEAN Region	7
Zoonosis	8
Rabies	8
Rabies Cases in the ASEAN Region Map	8
Rabies Cases in the ASEAN Region Table	8
Vector-Borne Diseases	9
Dengue	9
Dengue Cases in the ASEAN Region Map	9
Dengue Cases in the ASEAN Region Table	9
Malaria	10
Malaria Cases in the ASEAN Region Map	10
Malaria Cases in the ASEAN Region Table	10
Vaccine-Preventable Diseases	11
Measles	11
Measles Cases in the ASEAN Region Map	11
Measles Cases in the ASEAN Region Table	11
Annex 1. Infectious Diseases in the ASEAN Region – Summary Table	12

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

Epidemiological Week 48 | November 24 – 30, 2024



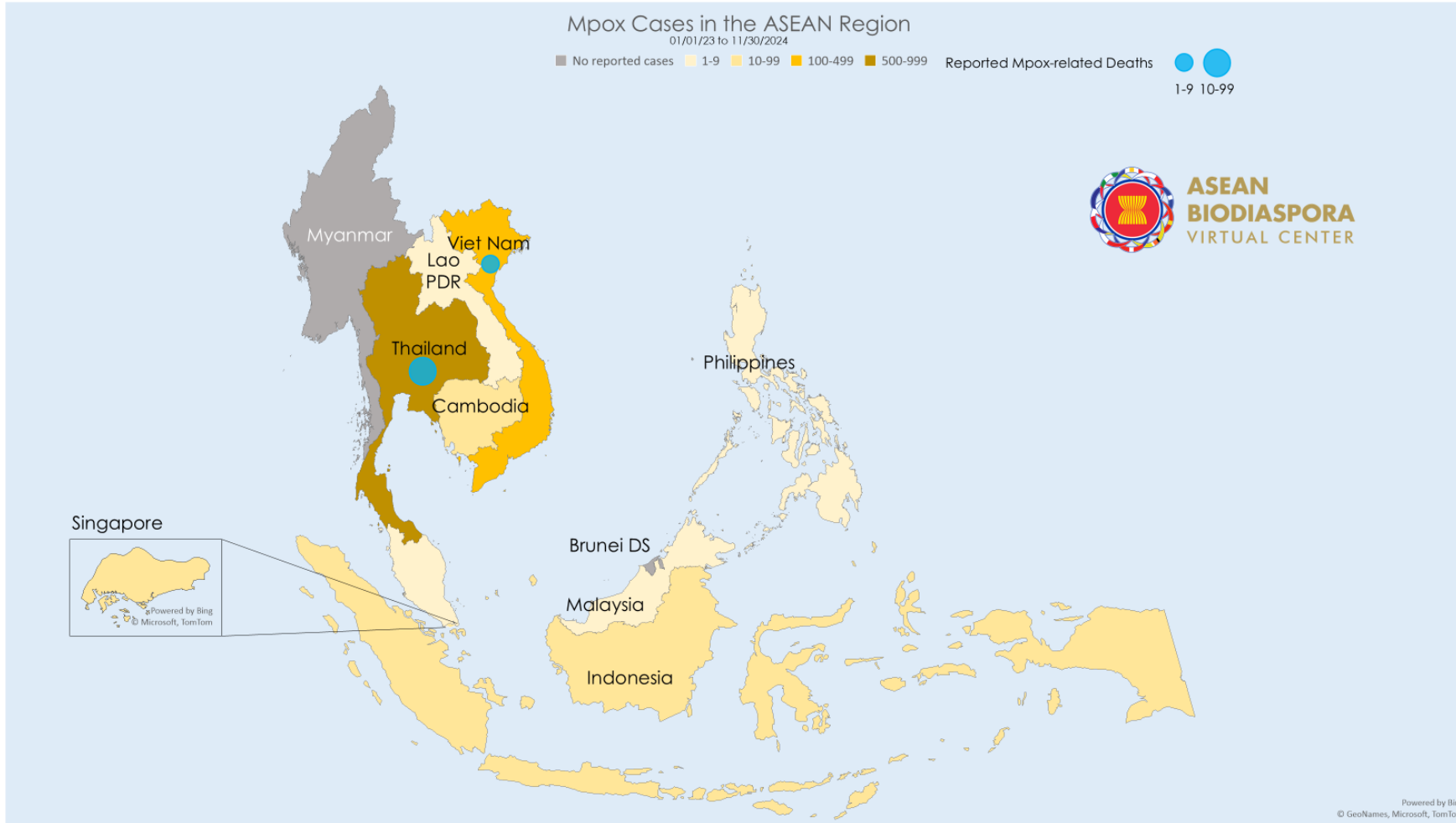
Source: AMS Official Sources, [WHO](#), [Our World in Data](#), and [Bluedot Platform](#), accessed on December 3, 2024



EMERGING DISEASES

Mpox Cases Reported in the ASEAN Region

January 1, 2023 – November 30, 2024



Source:

1. Ministry of Health Republic of Indonesia
2. Ministry of Health Singapore, accessed December 3, 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 30 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. 30, 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 December 3, 2024 (<https://ourworldindata.org/monkeypox>)
4. Department of Health Philippines
5. Ministry of Health Singapore, accessed December 3, 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 December 3, 2024 (<https://ourworldindata.org/monkeypox>)

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

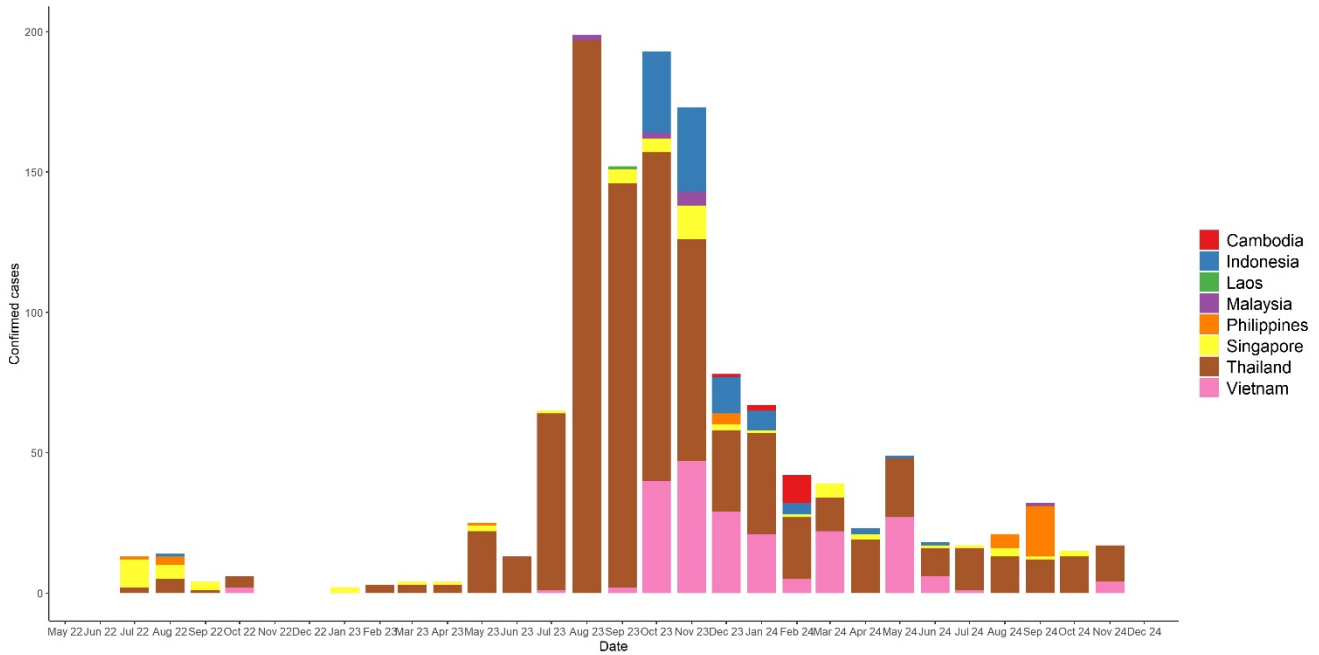
REGIONS	CUMULATIVE CASES 2023-2024	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	13,387	0	60	0.45%
AMERICAS	9,461	0	95	1.00%
ASEAN	1,243	0	18	1.45%
ASIA & OCEANIA	6,460	0	22	0.34%
EUROPE	2,637	0	4	0.15%
TOTAL	33,188	0	199	0.60%

Source: Our World in Data, accessed on December 3, 2024 (<https://ourworldindata.org/monkeypox>)



Trend of Mpox Confirmed Cases in the ASEAN Region

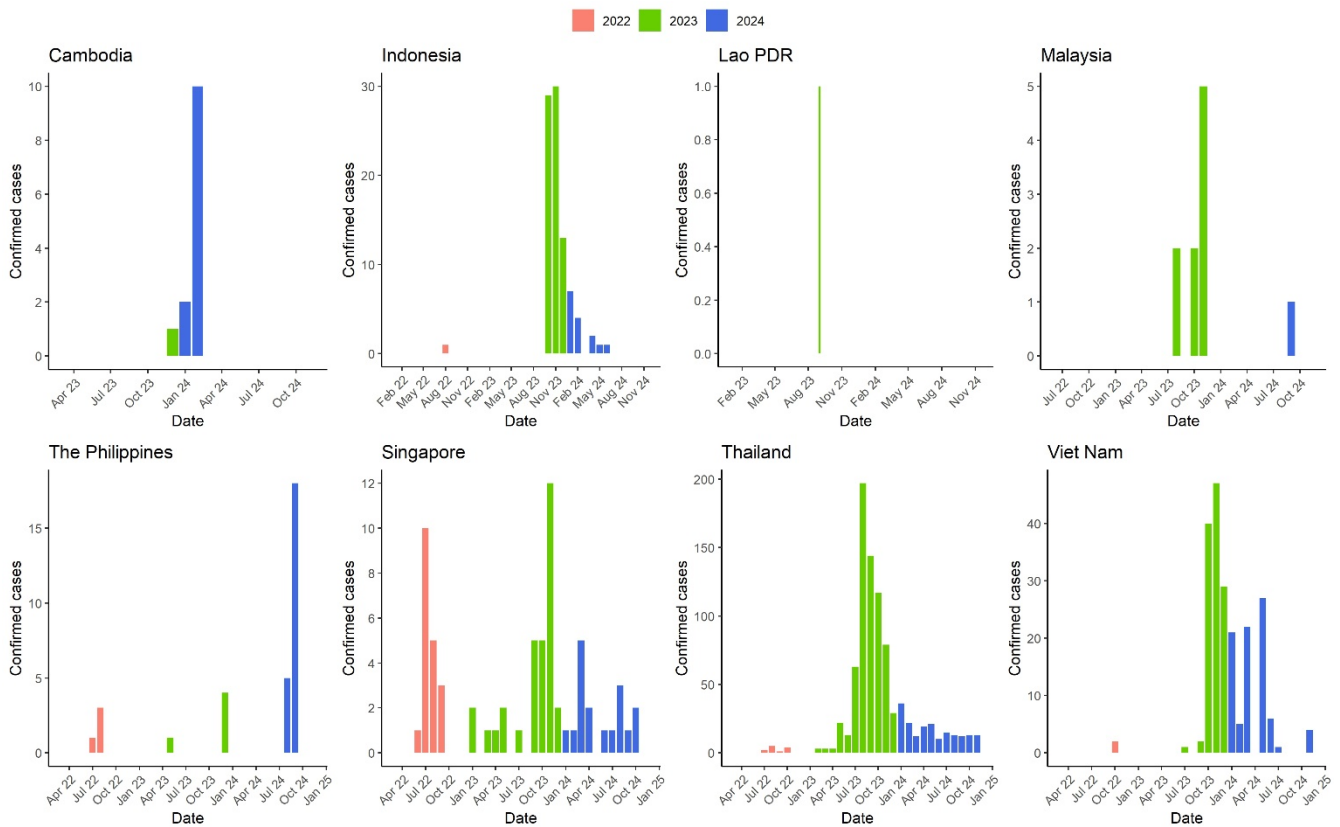
January 1, 2022 to November 30, 2024



Source: Our World in Data, accessed on December 3, 2024 (<https://ourworldindata.org/monkeypox>)

Trend of Mpox Confirmed Cases among ASEAN Member States

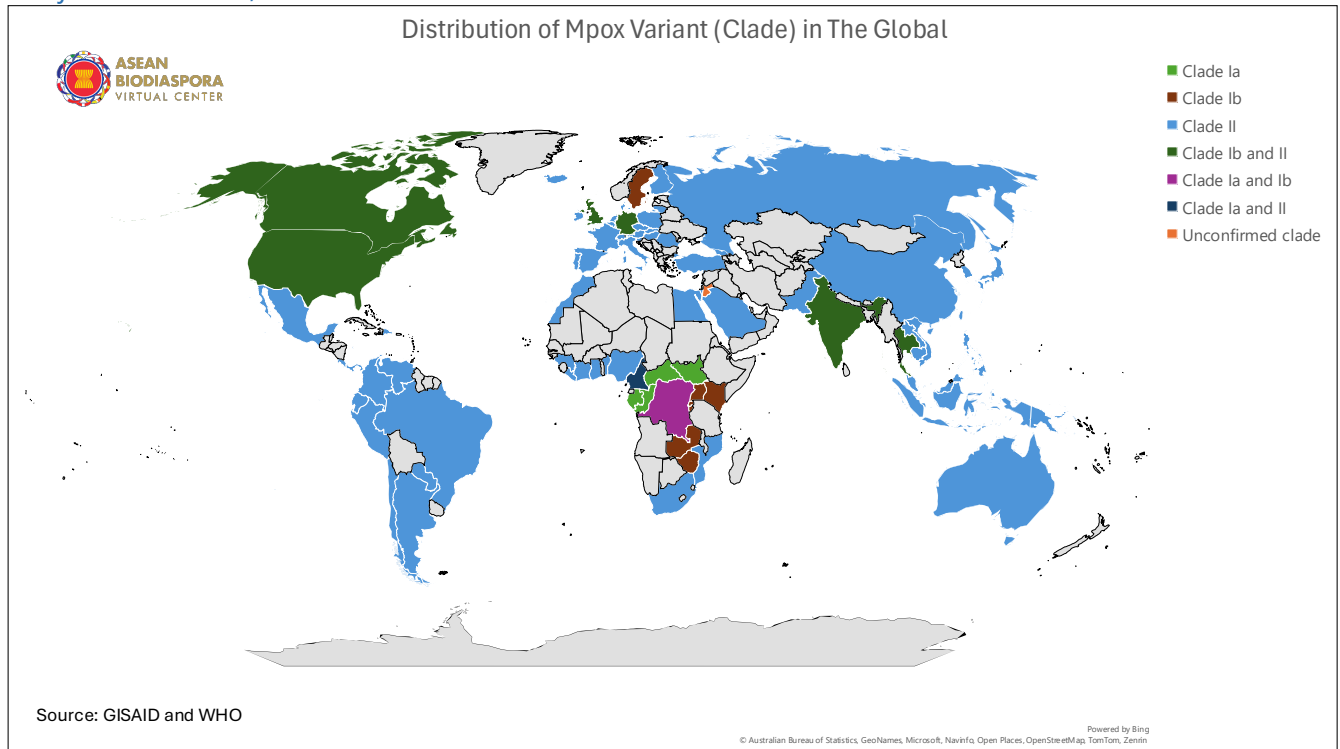
January 1, 2022 to November 30, 2024



Source: Our World in Data, accessed on December 3, 2024 (<https://ourworldindata.org/monkeypox>)

Distribution of Mpox Variants in The Global

As of November 30, 2024



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

As of November 30, 2024

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

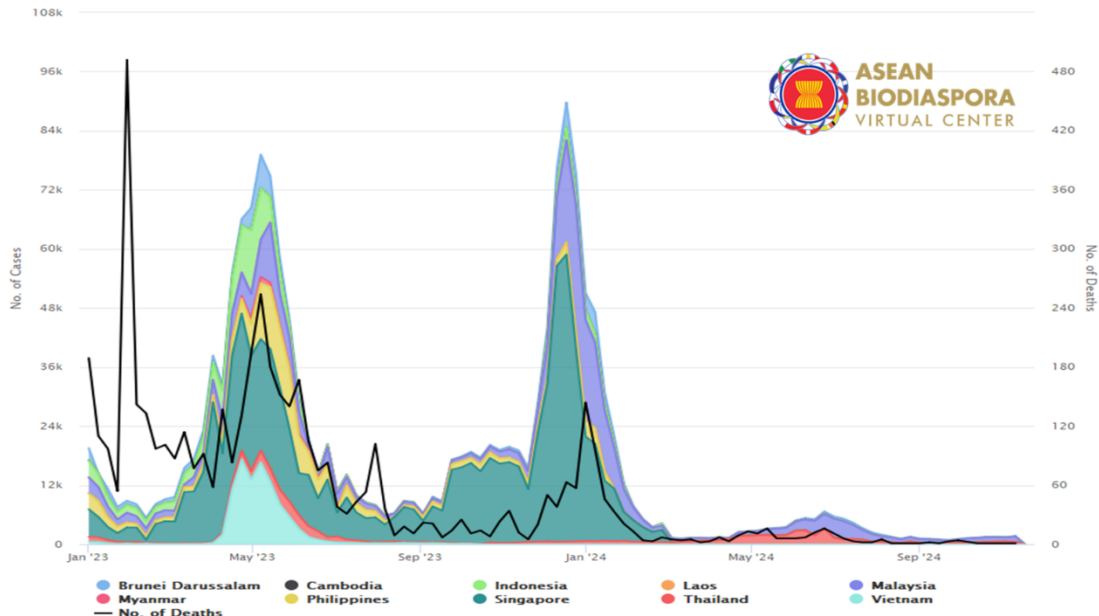


COVID-19: Highlights and Situation Overview

- As of 30 November 2024 (5PM, GMT+7), there were **704,837,853** confirmed cases **worldwide**, including **7,010,821 deaths**. Globally, Case Fatality Rate (CFR) was **1.00%**.
- **37,082,265 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

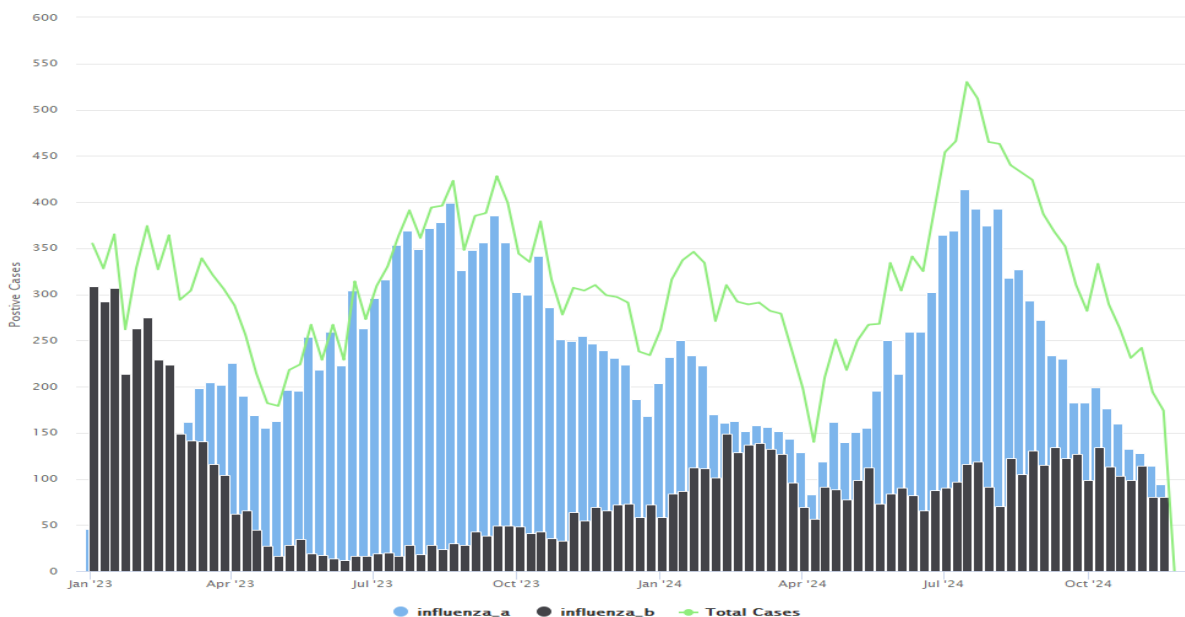
From January 1, 2023 to November 30, 2024



Source: [Singapore Government and the WHO](#), accessed on December 3, 2024

Trends of Influenza Confirmed Cases in the ASEAN region

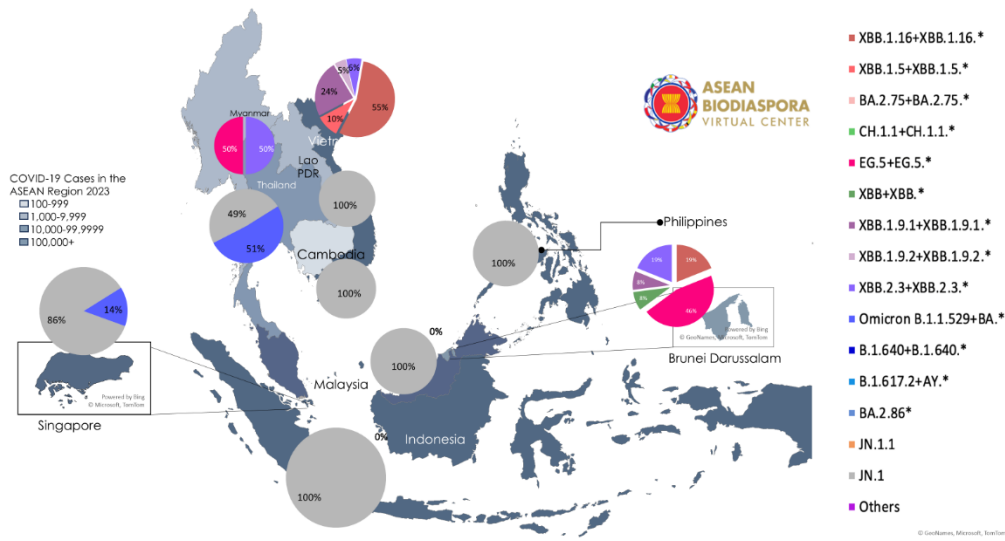
From January 1, 2023 to November 30, 2024



Source: FluNet, accessed on December 3, 2024 (<https://www.who.int/tools/fluinet>)

COVID-19 Variants Frequencies Among the ASEAN Member States

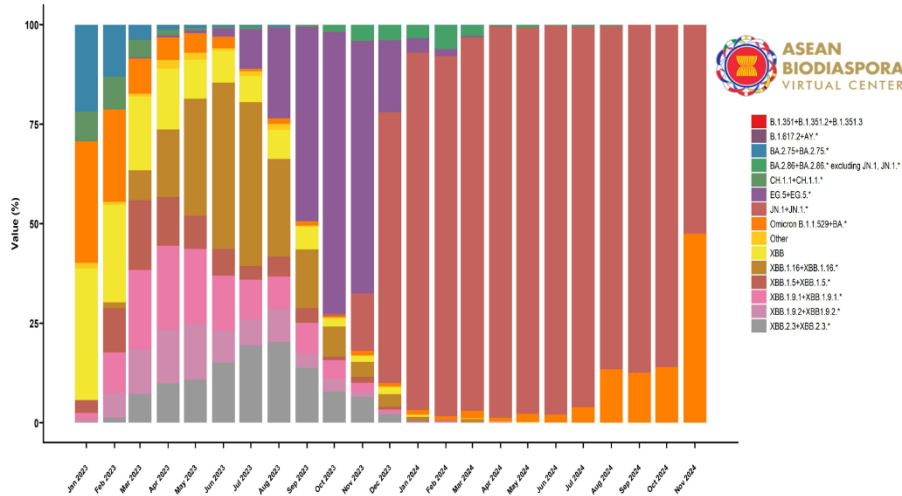
In November 2024



Source: GISAID. "hCoV-19 Variants Dashboard," accessed December 3, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

COVID-19 Variants Frequencies in the ASEAN Region

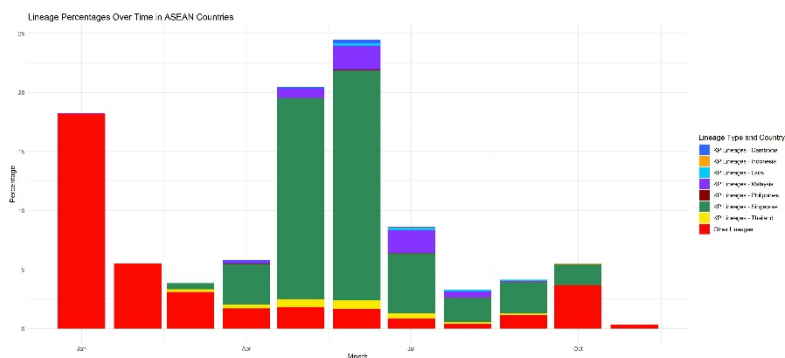
From January 2023 to November 2024



Source: GISAID. "hCoV-19 Variants Dashboard," accessed December 3, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

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

From January 2024 to November 2024

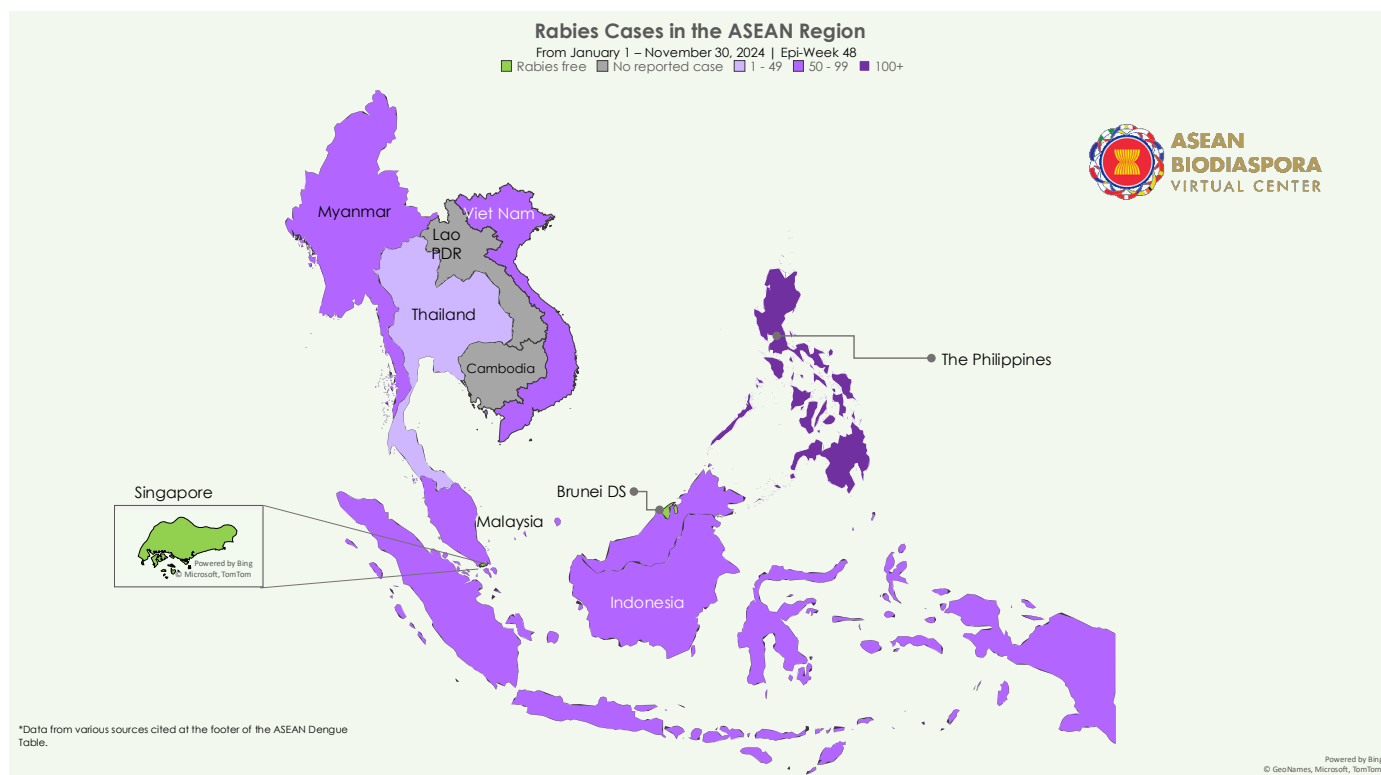


Source: GISAID. "hCoV-19 Variants Dashboard," accessed on December 3, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)

ZOONOSIS

Rabies Cases in the ASEAN Region

From January 1 to November 30, 2024 (Epi-Week 48)



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	102	1	102	100%
Lao PDR	-	-	-	-	-
Malaysia²	Week 24	79	-	79	100%
Myanmar³	Week 48	71	0	71	100%
Philippines²	Week 39	354	-	354	100%
Singapore			<i>Rabies-free country</i>		
Thailand⁴	Week 46	5	0	5	100%
Viet Nam²	Week 42	65	-	65	100%
Total		676	1	676	100%

Source:

1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed December 3, 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 3, 2024

- The **ASEAN** region reported **1** new rabies cases since the previous report. The region reported **605** total cases with **100%** CFR.

VECTOR-BORNE DISEASES

Dengue Cases in the ASEAN Region

From January 1 to November 30, 2024 (Epi-Week 48)



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 46	17,088	761	43	1	0.25%
Indonesia^{2*}	Week 46	218,356	2,724	1,259	9	0.58%
Lao PDR¹	Week 46	18,488	215	2	-	0.01%
Malaysia^{1,3}	Week 45	112,833	-	104	-	0.09%
Myanmar⁴	Week 47	6,124	-	15	-	0.24%
Philippines⁵	Week 45	314,785	-	546	-	0.17%
Singapore^{6**}	Week 47	13,168	111	-	-	0.00%
Thailand^{7***}	Week 46	98,185	1,615	79	2	0.08%
Viet Nam¹	Week 46	119,824	4,679	20	4	0.02%
Total		918,851	10,105	2,068	16	0.23%

Source:

1. WHO WPRO, "Dengue," World Health Organization, accessed December 3, 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 December 3, 2024 (https://www.moh.gov.my/index.php/database_stores/store_view/17).
4. Department of Public Health, Ministry of Health, Myanmar
5. Bluedot Developer Portal, accessed December 3, 2024, (<https://developer-portal.bluedot.global/>).
6. Ministry of Health. "Weekly Infectious Disease Bulletin", accessed December 3, 2024. (<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 December 3, 2024, (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **10,105** new dengue cases since the previous report. The region reported **918,851** total cases with **0.23%** CFR.

Malaria Cases in the ASEAN Region

From January 1 to November 30, 2024 (Epi-Week 48)



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 48	342	1	0	0.00%
Indonesia²	Week 46	409,137	-	112	0.03%
Lao PDR³	Week 47	19,295	378	11	0.06%
Malaysia⁴	Week 30	24	-	0	0.00%
Myanmar	-	-	-	-	-
Philippines⁴	Week 6	2	-	0	0.00%
Singapore⁵	Week 47	25	2	0	0.00%
Thailand⁶	Week 46	3,935	45	1	0.03%
Viet Nam⁴	Week 48	166	1	0	0.00%
Total		432,926	427	124	0.03%

Source:

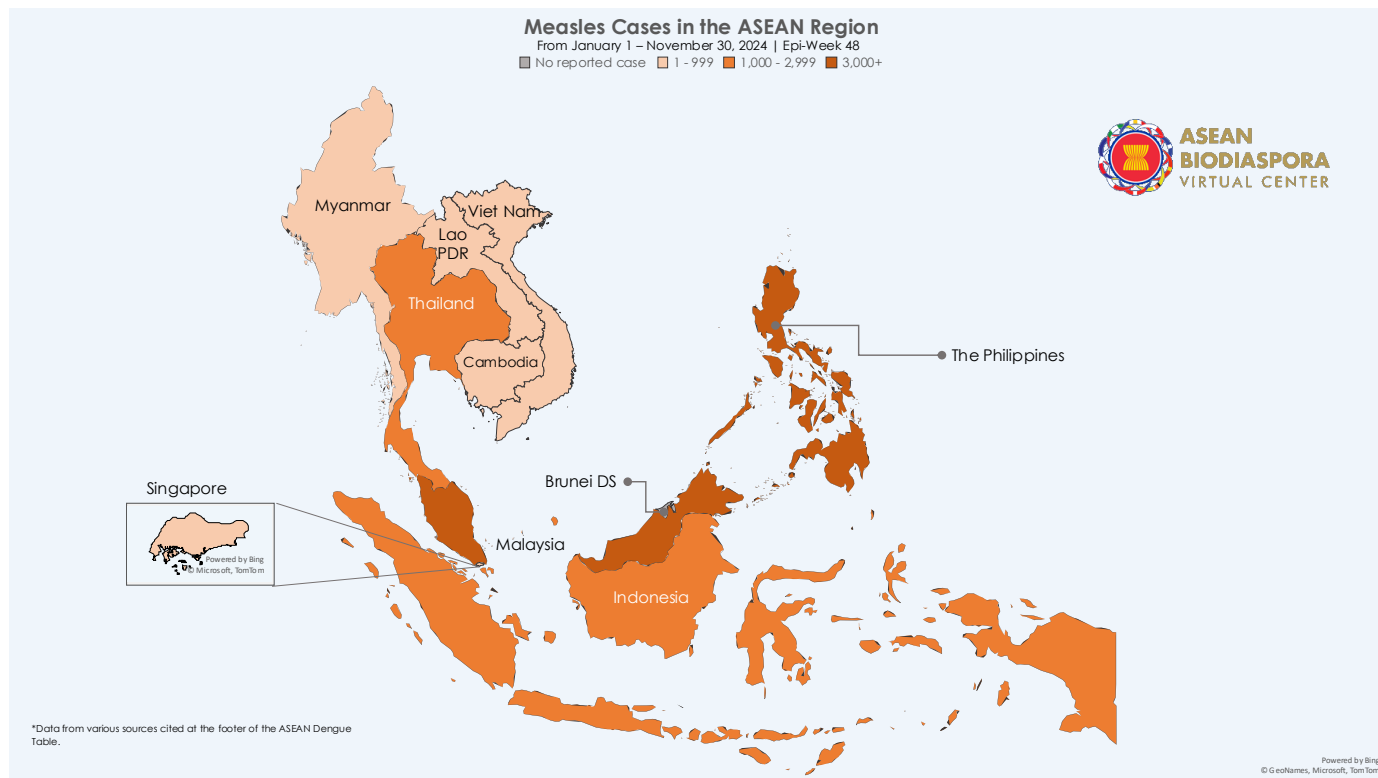
1. Cambodia National Malaria Center, accessed December 3, 2024 (<https://mis.cnm.gov.kh/Dashboard>)
2. Malaria Cases in Indonesia, accessed December 3, 2024 (<https://malaria.kemkes.go.id/case>)
3. Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed December 3, 2024 (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

- The **ASEAN** region reported **427** new malaria cases since the previous report. The region reported **432,926** total cases with **0.03%** CFR.

VACCINE-PREVENTABLE DISEASES

Measles Cases in the ASEAN Region

From January 1 to November 30, 2024 (Epi-Week 48)



Measles cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Measles Cases	New Cases Since the Previous Report	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia ¹	Week 27	4	0	0	0.00%
Indonesia ²	Week 44	1,977	-	0	0.00%
Lao PDR ¹	Week 40	1	0	0	0.00%
Malaysia ¹	Week 44	2,690	0	0	0.00%
Myanmar ³	Week 48	29	0	0	0.00%
Philippines ¹	Week 40	3,396	0	3	0.09%
Singapore ⁴	Week 47	11	1	0	0.00%
Thailand ⁵	Week 46	5,780	188	1	0.02%
Viet Nam ¹	Week 44	721	0	0	0.00%
Total		14,609	189	4	0.03%

Source:

- Provisional Measles and Rubella Data, World Health Organization, accessed December 3, 2024 (<https://immunizationdata.who.int/global?topic=Provisional-measles-and-rubella-data&location=>)
- Ministry of Health, Republic of Indonesia
- Department of Public Health, Ministry of Health, Myanmar
- Ministry of Health Singapore, accessed December 3, 2024, (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)

- The **ASEAN** region reported **189** new measles cases since the previous report. The region reported **14,609** total cases with **0.03%** CFR.



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

Epidemiological Week 47 | From January 1 to November 30, 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	88,077	77	0.09%	-	-	-	Rabies-free Country		
Cambodia	887	-	0.00%	20	0	0.00%	-	-	-
Indonesia	118,458	1,454	1.23%	87	0	0.00%	102	102	100%
Lao PDR	1,474	87	5.90%	1	0	0.00%	-	-	-
Malaysia	304,643	494	0.16%	10	0	0.00%	79	79	100%
Myanmar	9,663	4	0.04%	-	-	-	71	71	100%
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	1,070	1.24%	846	10	1.18%	5	5	100%
Viet Nam	101,828	20	0.02%	203	8	3.94%	65	65	100%
ASEAN Region	1,672,162	4,986	0.30%	1,243	18	1.45%	676	676	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	43	0.25%	342	0	0%	4	0	0%
Indonesia	218,356	1,259	0.58%	409,137	112	0.03%	1,977	0	0%
Lao PDR	17,867	2	0.01%	19,295	11	0.06%	1	0	0%
Malaysia	112,833	104	0.09%	24	0	0%	2,690	0	0%
Myanmar	6,124	15	0.24%	-	-	-	29	0	0%
Philippines	314,785	546	0.17%	2	0	0%	3,396	3	0.09%
Singapore	13,058	0	0.00%	25	0	0%	11	0	0%
Thailand	96,570	79	0.08%	3,935	1	0.03%	5,780	1	0.02%
Viet Nam	100,048	20	0.02%	166	0	0%	721	0	0%
ASEAN Region	918,851	2,068	0.23%	432,926	124	0.03%	14,609	4	0.03%