



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

Editorial

CONSULTANTS

ASEAN SECRETARIAT

Assistant Director and Head of Health Division
Human Development Directorate

Ferdinal Fernando, MDM, MD

Programme Coordinator for Mitigation for Biological
Threats (MBT) Phase 3

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

Copy Editor

Ajeng Sekar Pratiwi, A.Md

Dwi Sasongko, A.Md.

Supporting Staff

Svetlana Pratiwi, SKM

Divva Kaamila

Natasha Alicia Putri

PUBLISHER

ASEAN Biodiaspora Virtual Center

2/F Ministry of Health, Jl. H.R. Rasuna Said, Blok X5, Kav.
4-9, Jakarta Selatan, Jakarta, Indonesia

E-mail: support@biodiaspora.org

Facebook: <https://facebook.com/ASEANBiodiaspora>

Instagram: <https://instagram.com/ASEANBiodiaspora>



Table of Contents

Key Findings	1
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
COVID-19	5
COVID-19: Highlights and Situation Overview	5
ASEAN Weekly COVID-19 Cases and Deaths	5
Trends of Influenza Confirmed Cases in the ASEAN region	5
COVID-19 Variants Frequencies Among the ASEAN Member States	6
COVID-19 Variants Frequencies in the ASEAN Region	6
Zoonosis	7
Rabies	7
Rabies Cases in the ASEAN Region Map	7
Rabies Cases in the ASEAN Region Table	7
Vector-Borne Diseases	8
Dengue	8
Dengue Cases in the ASEAN Region Map	8
Dengue Cases in the ASEAN Region Table	8
Malaria	9
Malaria Cases in the ASEAN Region Map	9
Malaria Cases in the ASEAN Region Table	9
Vaccine-Preventable Diseases	10
Measles	10
Measles Cases in the ASEAN Region Map	10
Measles Cases in the ASEAN Region Table	10
Annex 1. Infectious Diseases in the ASEAN Region – Summary Table	11



Key Findings

Global

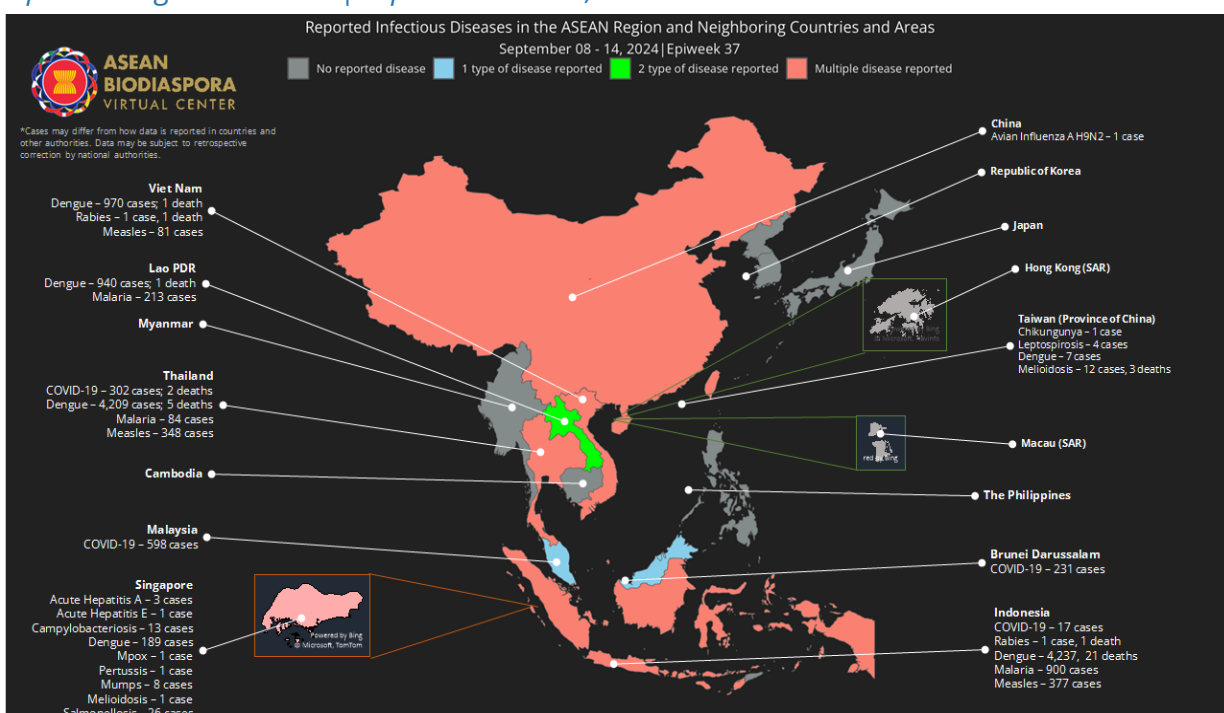
- Several countries, including Argentina, India, Morocco, New Zealand, Nigeria, Pakistan, and South Africa, continue to report new cases of mpox, with varying numbers of cases and public health responses.
- Eleven cases of anthrax have been registered in Almaty region, Kazakhstan. A quarantine has been introduced and measures have been taken to prevent the spread.
- The United States (US) CDC has confirmed the 14th human case of avian influenza A(H5) in Missouri, marking the first case without occupational exposure to sick or infected animals in the country.
- Italy reported a decrease in weekly COVID-19 cases, while Ohio, the US, reported an increase. The World Health Organization has confirmed the widespread presence of the virus in 84 countries.
- Catalonia, Spain has reported five mild cases of dengue fever, prompting the city council to intensify mosquito repellent treatments and inform the community via social networks.
- Measles cases in Austria nearly tripled in 2024 compared with 2023, with 502 confirmed cases to date, the highest in 20 years.
- New Brunswick, Canada, has declared a whooping cough outbreak, with 141 cases reported by August, while Alaska, the US, experienced its highest pertussis cases in over a decade, with 234 reported cases resulting in hospitalizations and one infant dying.
- Canada confirmed a human case of rabies in Brantford-Brant, Ontario, with bats known to carry the virus.
- A man from Auckland, New Zealand, is undergoing intensive treatment after contracting typhoid fever while taking care of his sick father in India.

ASEAN Region

- Cagayan Valley, the Philippines, reported its first case of mpox with the patient being isolated and receiving medical care. Public is advised to remain vigilant and follow standard health protocols.
- The surge of dengue is reported in four AMS (Indonesia, Malaysia, the Philippines, and Viet Nam).
- Thailand's Ministry of Public Health launched an intensified measles vaccination campaign for schoolchildren in three southern border provinces after an outbreak resulted in five deaths.
- South Sumatra Province, Indonesia, reported 607 rabies cases and six deaths, attributed to an increase in unvaccinated pets. Sarawak, Malaysia, reports its 6th rabies death this year. The Health Department is stepping up efforts to control the outbreak.

Reported Infectious Diseases in the ASEAN Region and Neighboring Countries

Epidemiological Week 37 | September 8 – 14, 2024

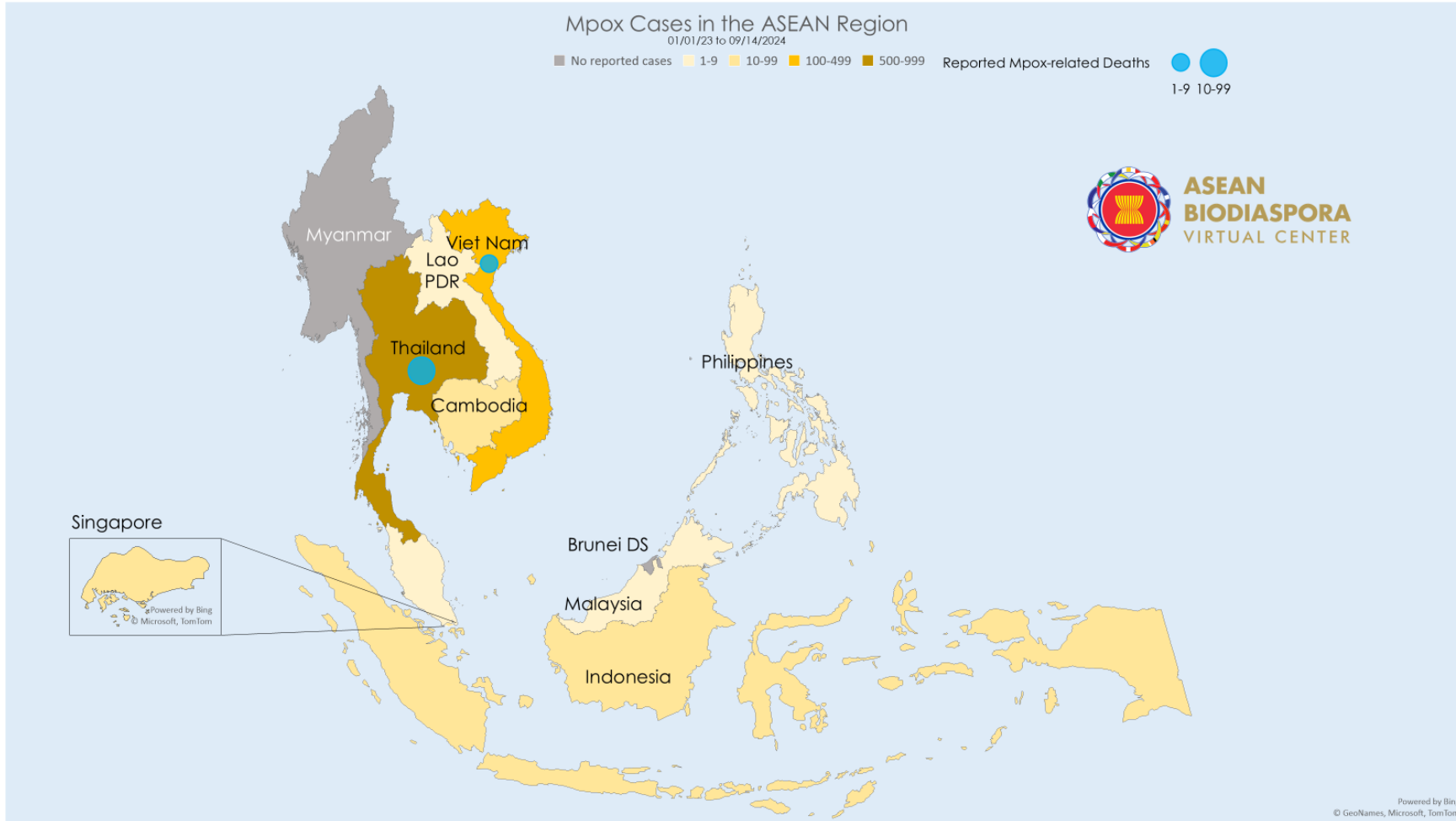


Source: AMS Official Sources, [WHO](#), [Our World in Data](#), and [Bluedot Platform](#), accessed on September 17, 2024

EMERGING DISEASES

Mpox Cases Reported in the ASEAN Region

January 1, 2023 – September 14, 2024



Source:

1. Ministry of Health Republic of Indonesia
2. EBS Bluedot (Accessed on September 17, 2024)
3. Ministry of Health Singapore, accessed September 17, 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 14 September 2024, **21,011** confirmed cases worldwide since 2023, including **175** deaths. Globally, the CFR was **0.83 %**.
- **1,183 confirmed cases** including **18 deaths** in the **ASEAN** region, with a CFR of **1.52%**.
- **19,828 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 Sep. 14, 2024)

ASEAN Member States	Cumulative Cases 2023-2024	New Cases Since Previous Report	Cumulative Deaths 2023-2024	CFR
Cambodia¹	20	0	0	0.00%
Indonesia²	87	0	0	0.00%
Lao PDR³	1	0	0	0.00%
Malaysia³	9	0	0	0.00%
Philippines⁴	10	0	0	0.00%
Singapore⁵	47	1	0	0.00%
Thailand³	808	0	10	1.24%
Vietnam³	201	0	8	3.98%
ASEAN Total	1183	1	18	1.52%

Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia
3. IBS Bluedot (Accessed on September 17, 2024), (<https://portal.bluedot.org/>)
4. Department of Health Philippines
5. Ministry of Health Singapore, accessed September 17, 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 Sep. 7, 2024)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	4,327	0	27	0.62%
United States of America	3,505	0	8	0.23%
People's Republic of China	2,565	0	1	0.04%
Brazil	1,541	0	0	0.00%
Thailand	808	0	10	1.24%

Source: Our World in Data, accessed on September 10, 2024 (<https://ourworldindata.org/monkeypox>)

Mpox cases per region (Jan. 1, 2023 to Sep. 7, 2024)

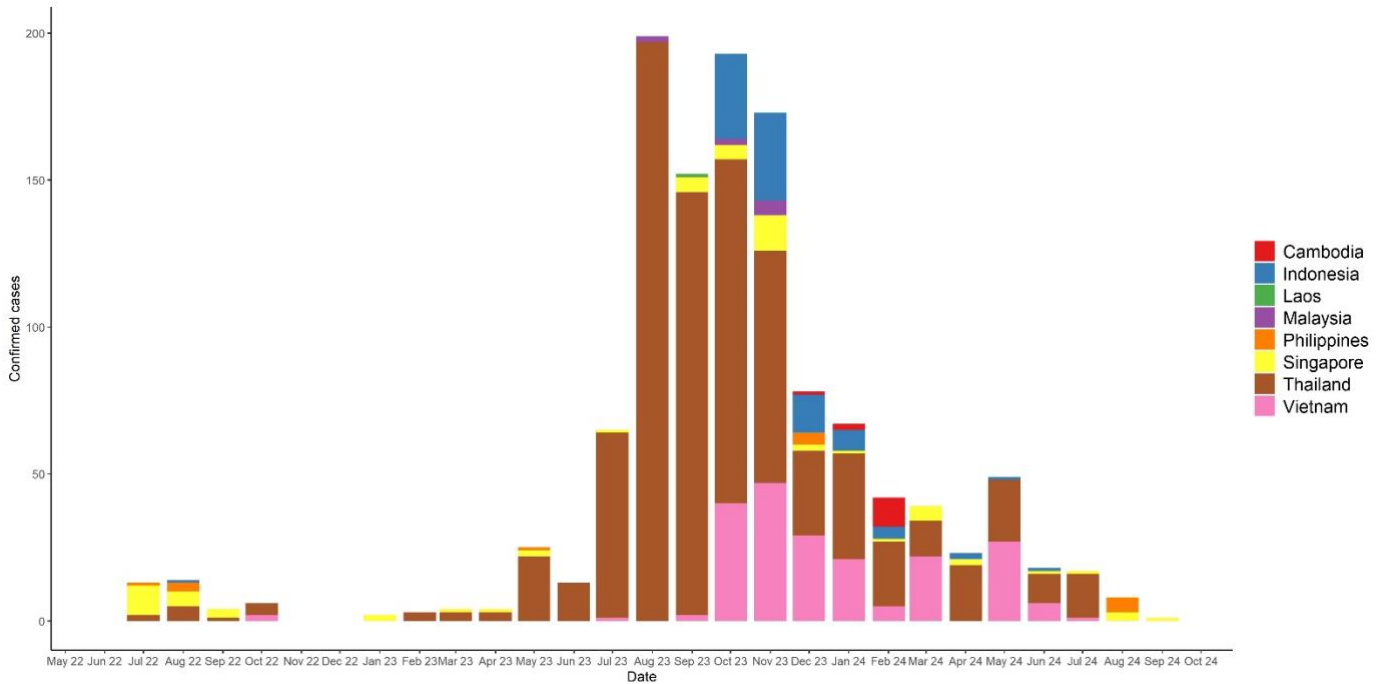
REGIONS	CUMULATIVE CASES 2023-2024	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	5,121	0	39	0.76%
AMERICAS	7,402	0	92	1.24%
ASEAN	1,182	1	18	1.52%
ASIA & OCEANIA	5,385	0	21	0.39%
EUROPE	1,920	0	5	0.26%
TOTAL	21,011	1	175	0.83%

Source: Our World in Data, accessed on September 10, 2024 (<https://ourworldindata.org/monkeypox>)



Trend of Mpox Confirmed Cases in the ASEAN Region

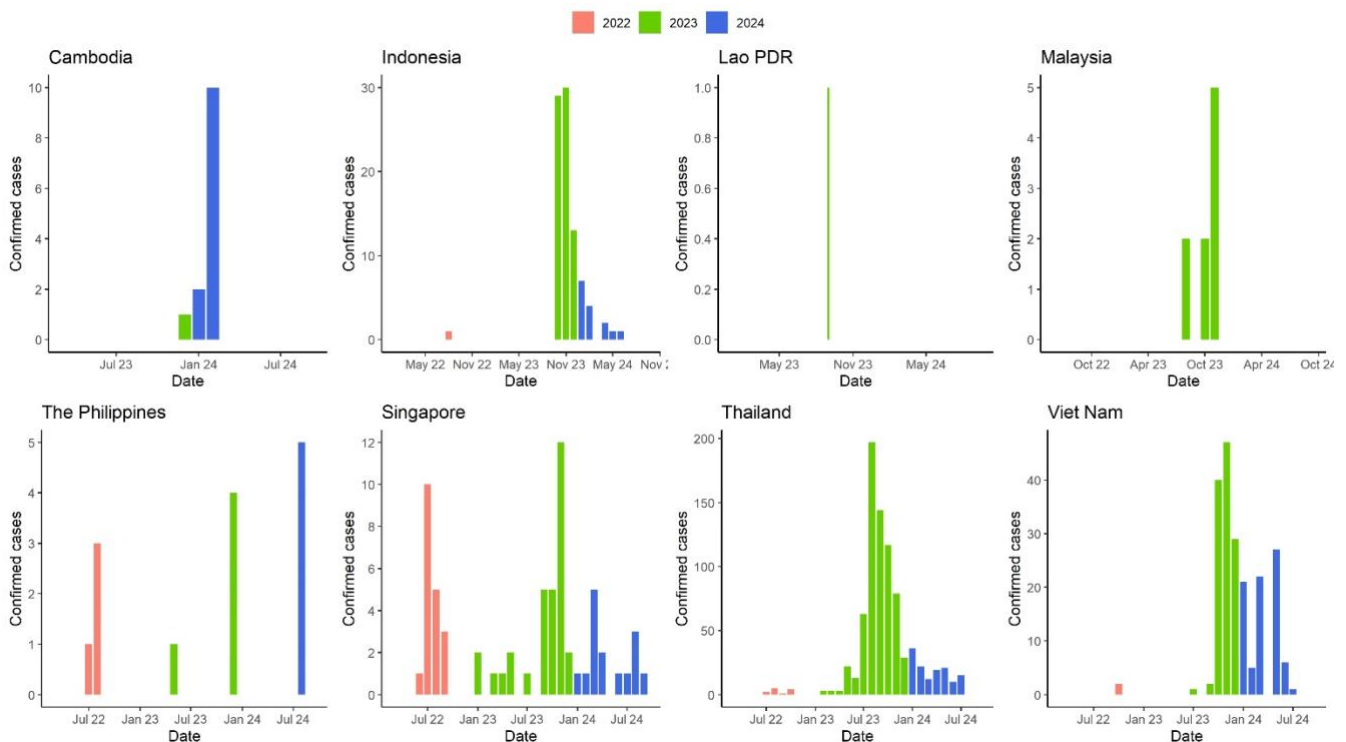
January 1, 2022 to September 14, 2024



Source: Our World in Data, accessed on September 17, 2024 (<https://ourworldindata.org/monkeypox>)

Trend of Mpox Confirmed Cases among ASEAN Member States

January 1, 2022 to September 14, 2024



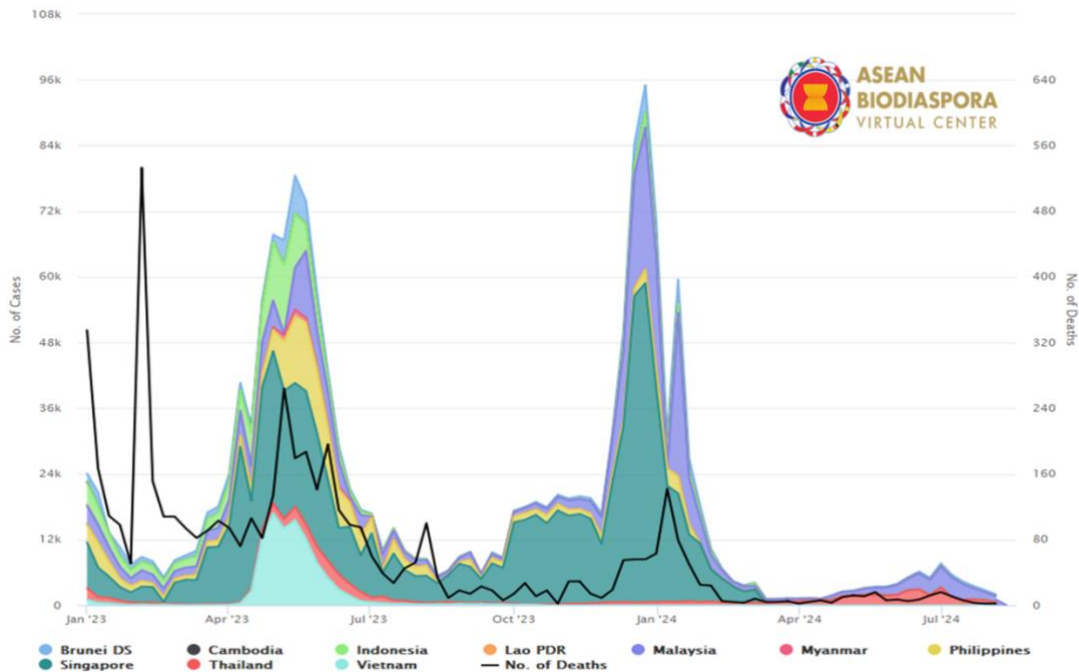
Source: Our World in Data, accessed on September 17, 2024 (<https://ourworldindata.org/monkeypox>)

COVID-19: Highlights and Situation Overview

- As of 7 September 2024 (5PM, GMT+7), there were **704,821,721** confirmed cases **worldwide**, including **7,010,809 deaths**. Globally, Case Fatality Rate (CFR) was **1.00%**.
- **37,066,133 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

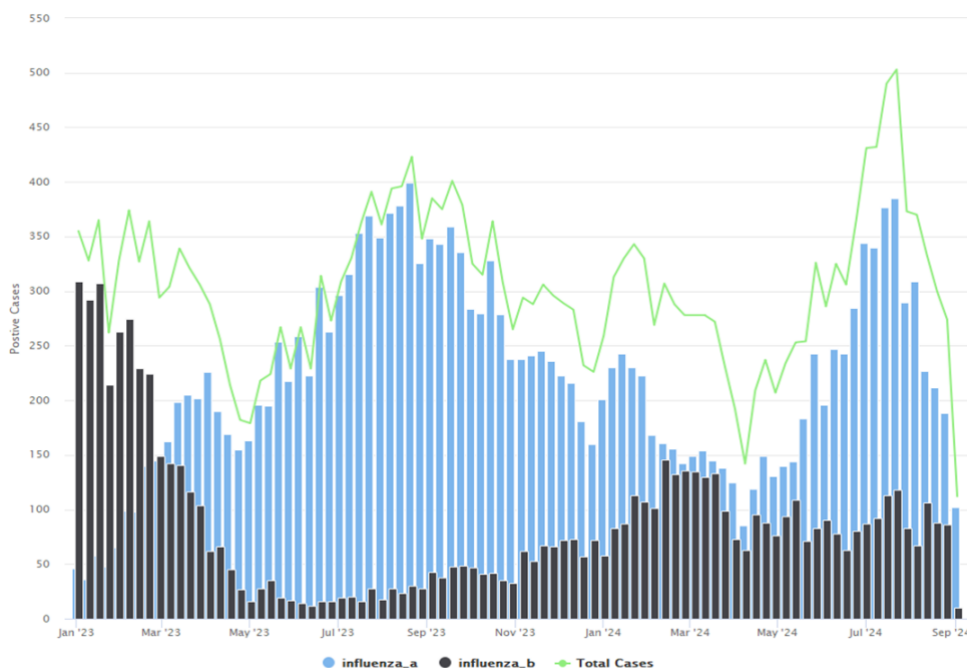
From January 1, 2023 to September 14, 2024



Source: [Singapore Government](#), [Worldometer](#), and [the WHO](#), accessed on September 17, 2024

Trends of Influenza Confirmed Cases in the ASEAN region

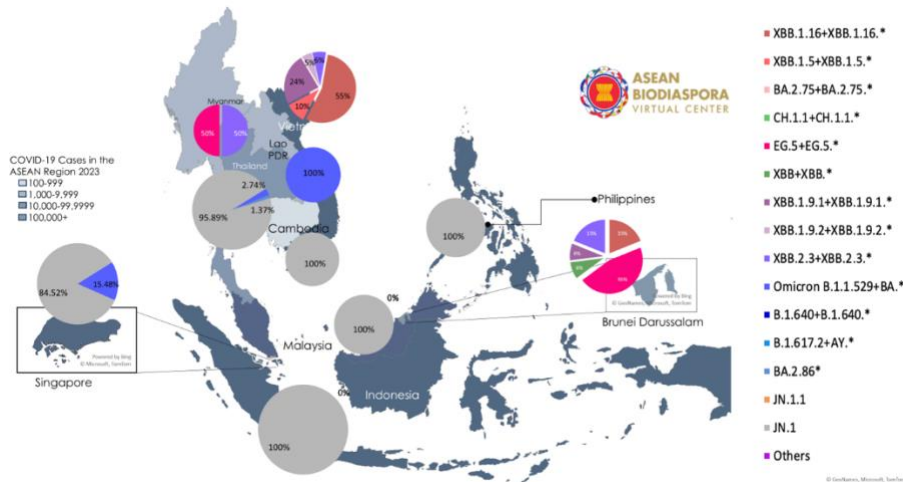
From January 1, 2023 to September 14, 2024



Source: FluNet, accessed on September 17, 2024 (<https://www.who.int/tools/fluNet>)

COVID-19 Variants Frequencies Among the ASEAN Member States

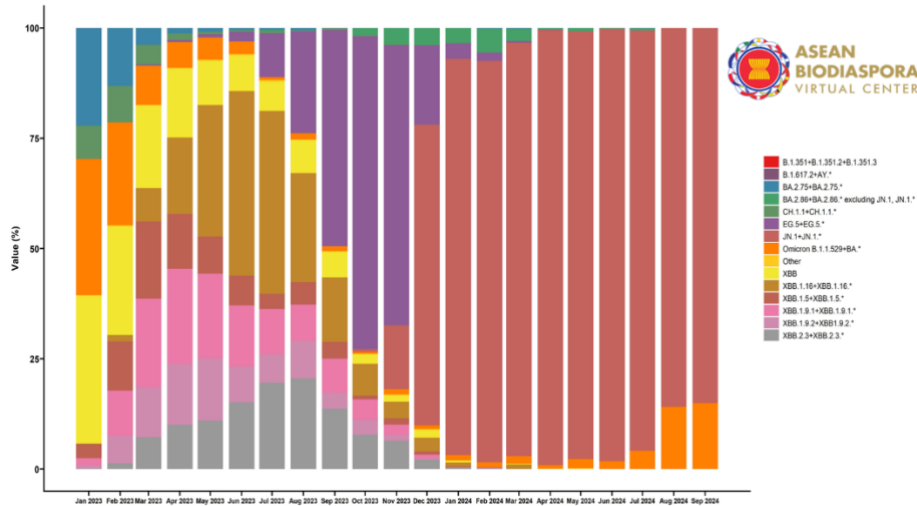
In September 2024



Source: GISAID. "hCoV-19 Variants Dashboard," accessed September 17, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

COVID-19 Variants Frequencies in the ASEAN Region

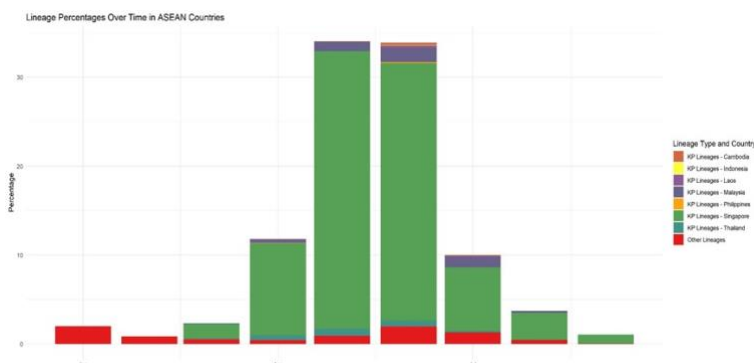
From January 2023 to September 2024



Source: GISAID. "hCoV-19 Variants Dashboard," accessed September 17, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

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

From January 2024 to September 2024

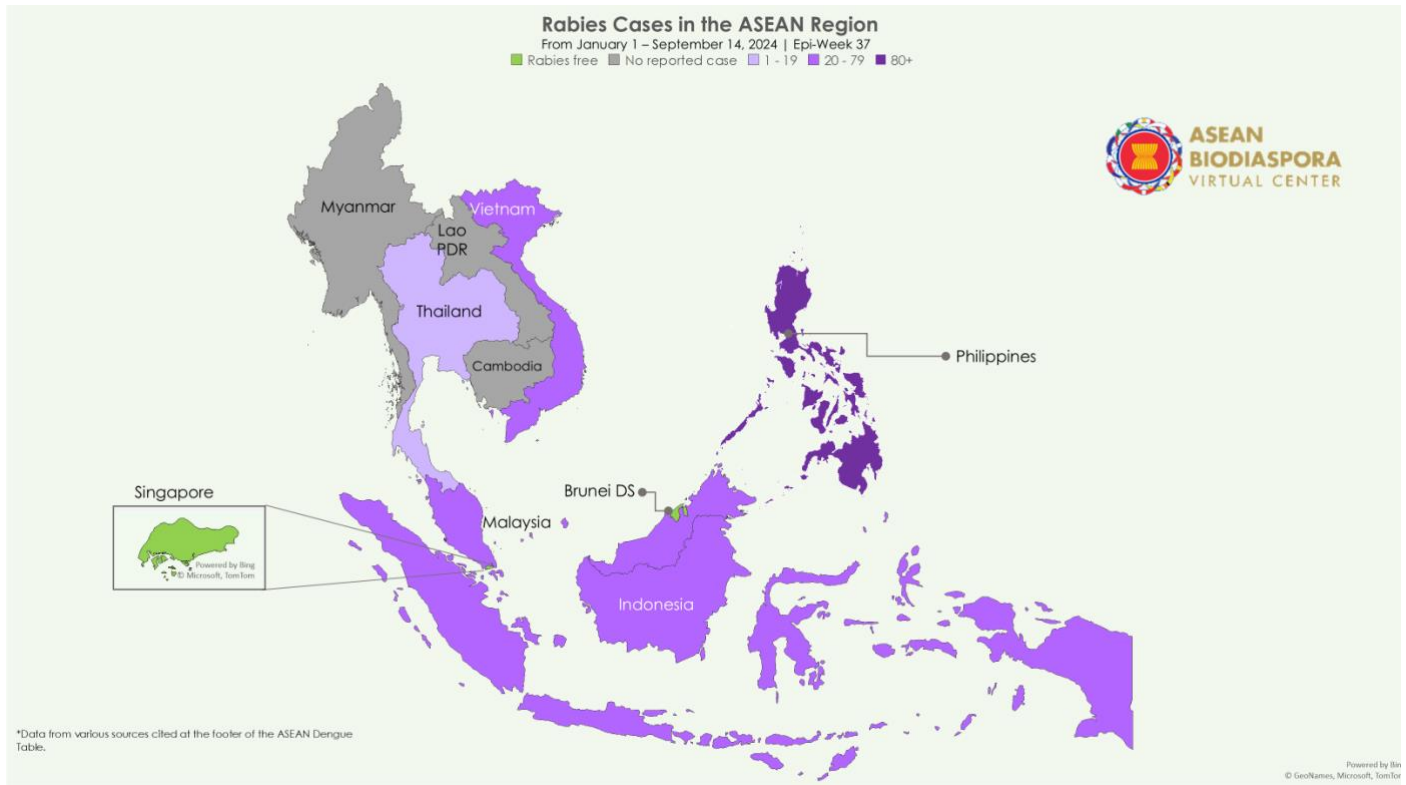


Source: GISAID. "hCoV-19 Variants Dashboard," accessed on September 17, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)

ZOONOSIS

Rabies Cases in the ASEAN Region

From January 1 to September 14, 2024 (Epi-Week 37)



Rabies cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Rabies Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Brunei Darussalam			Rabies-free country		
Cambodia	-	-	-	-	-
Indonesia¹	Week 27	78	1	78	100%
Lao PDR	-	-	-	-	-
Malaysia²	Week 24	79	-	79	100%
Myanmar	-	-	-	-	-
Philippines²	Week 22	169	-	169	100%
Singapore			Rabies-free country		
Thailand³	Week 32	4	0	4	100%
Viet Nam²	Week 37	57	1	57	100%
Total		387	2	387	100%

Source:

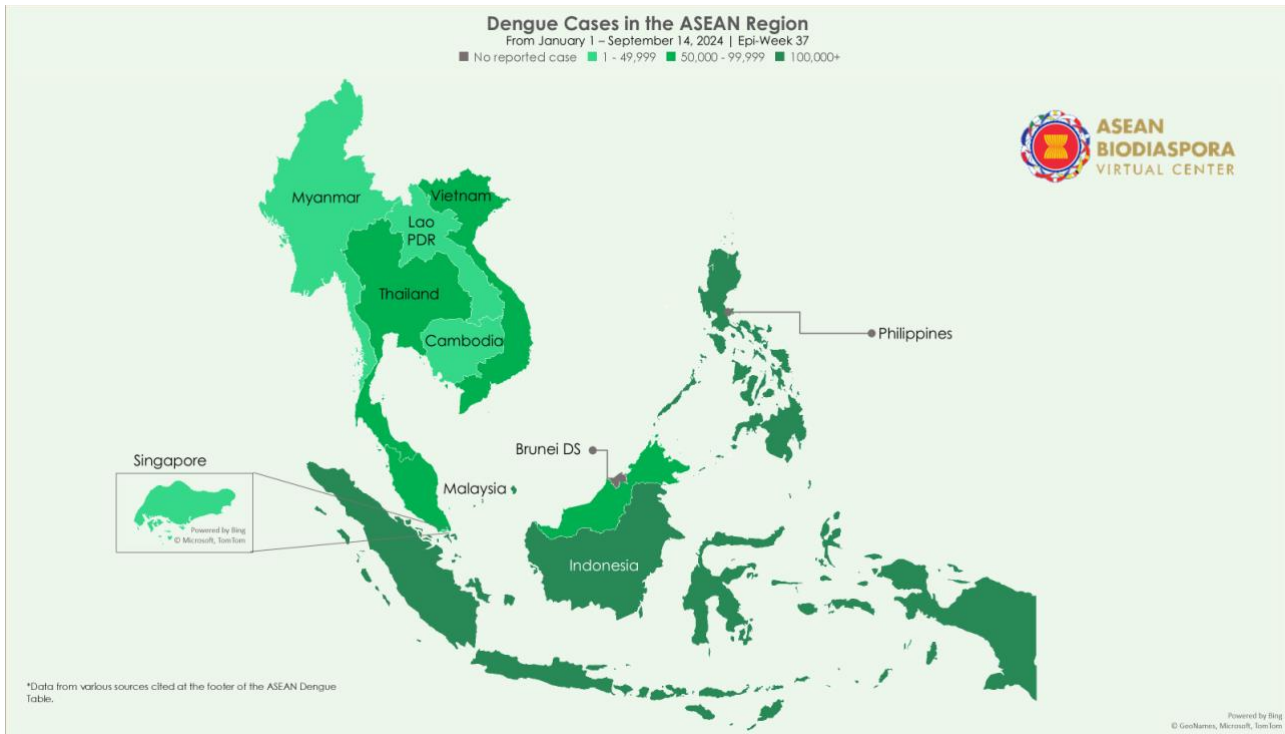
1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed September 17, 2024 (<https://portal.bluedot.global/>)
3. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed September 17, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **2** new rabies cases since the previous report. The region reported **387** total cases with **100%** CFR.

VECTOR-BORNE DISEASES

Dengue Cases in the ASEAN Region

From January 1 to September 14, 2024 (Epi-Week 37)



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 32	9,755	-	30	-	0.31%
Indonesia^{2*}	Week 36	190,561	4,237	1,141	21	0.60%
Lao PDR¹	Week 34	12,316	-	1	-	0.01%
Malaysia¹	Week 34	94,807	-	84	-	0.09%
Myanmar³	Week 27	1,309	-	3	-	0.23%
Philippines³	Week 34	150,354	-	396	-	0.26%
Singapore^{4**}	Week 36	11,682	189	-	-	0.00%
Thailand^{5***}	Week 36	76,199	4,209	56	5	0.07%
Viet Nam¹	Week 35	67,748	-	10	-	0.01%
Total		614,731	8,635	1,721	26	0.28%

Source:

1. WHO WPRO, "Dengue," World Health Organization, accessed September 17, 2024 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
2. Ministry of Health, Republic of Indonesia
3. Bluedot Developer Portal, accessed September 17, 2024, (<https://developer-portal.bluedot.global/>).
4. Ministry of Health. "Weekly Infectious Disease Bulletin", accessed September 17, 2024. (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2024/weekly-infectious-diseases-bulletin>)
5. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed September 17, 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.

*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

- The **ASEAN** region reported **8,635** new dengue cases since the previous report. The region reported **614,731** total cases with **0.28%** CFR.

Malaria Cases in the ASEAN Region

From January 1 to September 14, 2024 (Epi-Week 37)



Malaria cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Malaria Cases	New Cases Since the Previous Report	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia	-	-	-	-	-
Indonesia¹	Week 37	307,318	900	140	0.05%
Lao PDR²	Week 37	14,352	213	9	0.06%
Malaysia³	Week 30	24	-	-	0.00%
Myanmar	-	-	-	-	-
Philippines³	Week 6	2	-	-	0.00%
Singapore⁴	Week 35	17	-	-	0.00%
Thailand⁵	Week 37	3,405	84	1	0.03%
Viet Nam³	Week 34	160	-	-	0.00%
Total		325,278	1,197	150	0.05%

Source:

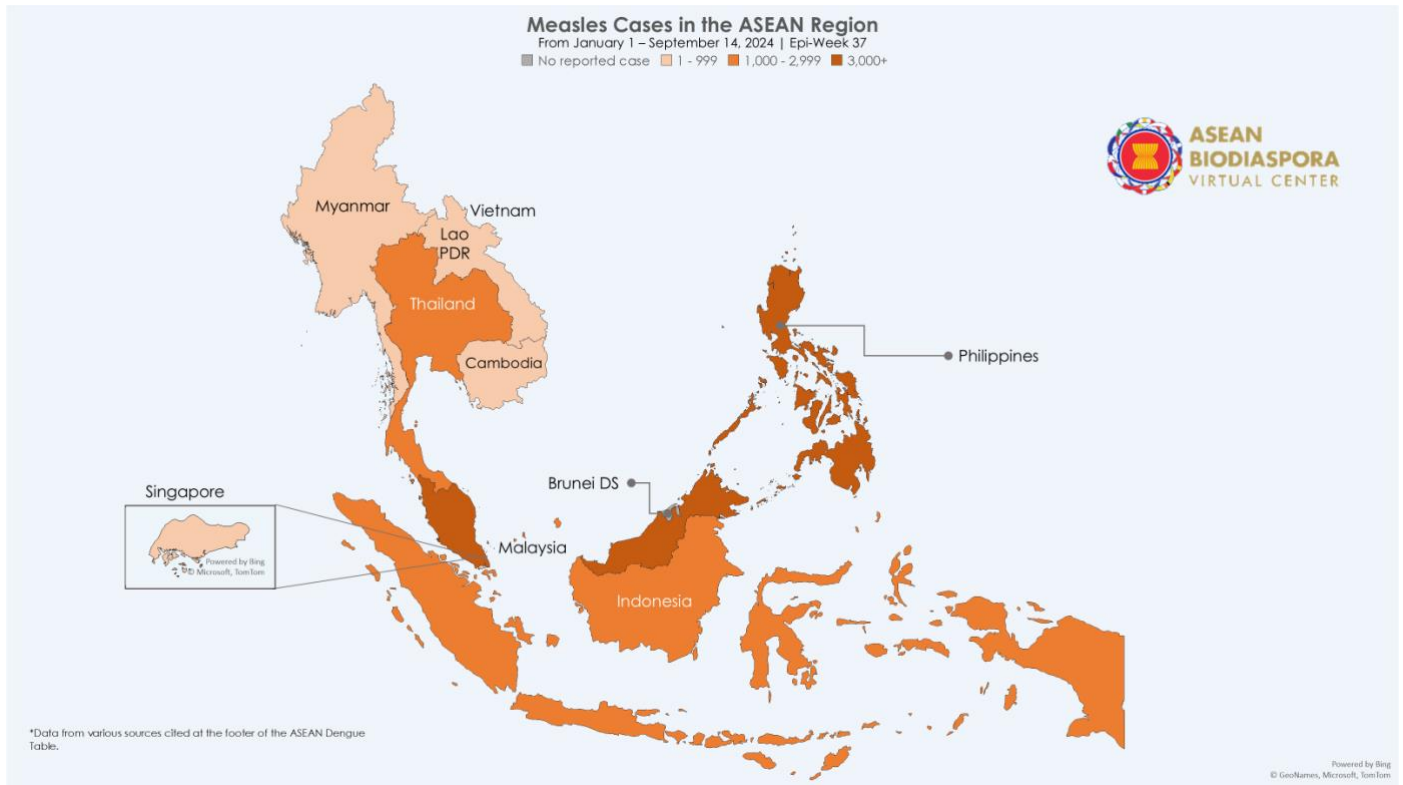
- Malaria Cases in Indonesia, accessed September 17, 2024 (<https://malaria.kemkes.go.id/case>)
- Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed September 17, 2024 (<https://www.facebook.com/CCEH.MoH.Lao/>)
- Bluedot Platform, accessed September 17, 2024 (<https://portal.bluedot.global/>)
- Ministry of Health Singapore, accessed September 17, 2024 (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2024/weekly-infectious-diseases-bulletin>)
- Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed September 17, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **1,197** new malaria cases since the previous report. The region reported **325,278** total cases with **0.05%** CFR.

VACCINE-PREVENTABLE DISEASES

Measles Cases in the ASEAN Region

From January 1 to September 14, 2024 (Epi-Week 37)



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	83	-	0	0.00%
Indonesia²	Week 35	1,410	377	0	0.00%
Lao PDR¹	Week 27	40	-	0	0.00%
Malaysia¹	Week 27	3,364	-	0	0.00%
Myanmar¹	Week 27	23	-	0	0.00%
Philippines¹	Week 27	3,039	-	3	0.10%
Singapore³	Week 35	8	-	0	0.00%
Thailand⁴	Week 37	2,875	348	1	0.03%
Viet Nam⁵	Week 37	970	81	3	0.31%
Total		11,812	806	7	0.06%

Source:

1. Provisional Measles and Rubella Data, World Health Organization, accessed September 17, 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 September 17, 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 September 17, 2024 (<http://doe.moph.go.th/surdata/index.php>)
5. Bluedot Platform, accessed September 17, 2024 (<https://developer-portal.bluedot.global/>)

- The **ASEAN** region reported **806** new measles cases since the previous report. The region reported **11,812** total cases with **0.06%** CFR.



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

Epidemiological Week 37 | From January 1 to September 14, 2024

Infectious Diseases	COVID-19			Mpox			Rabies		
	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	86,905	77	0.09%	-	-	-	Rabies-free Country		
Cambodia	886	-	0.00%	20	0	0.00%	-	-	-
Indonesia	118,140	1,454	1.23%	87	0	0.00%	78	78	100%
Lao PDR	1,474	87	5.90%	1	0	0.00%	-	-	-
Malaysia	294,462	494	0.17%	9	0	0.00%	79	79	100%
Myanmar	9,390	5	0.05%	10	-	-	-	-	-
Philippines	141,371	1,467	1.04%	47	0	0.00%	169	169	100%
Singapore	819,481	313	0.04%	808	0	0.00%	Rabies-free Country		
Thailand	82,093	1,058	1.29%	201	10	1.24%	4	4	100%
Viet Nam	101,828	20	0.02%	20	8	3.98%	57	57	100%
ASEAN Region	1,656,030	4,975	0.30%	1,183	18	1.52%	387	387	100%

Infectious Diseases	Dengue			Malaria			Measles		
	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	-	-	-	-	-	-	-	-	-
Cambodia	9,755	30	0.31%	-	-	-	83	0	0%
Indonesia	190,561	1,141	0.60%	307,318	140	0.05%	1,410	0	0%
Lao PDR	12,316	1	0.01%	14,352	8	0.06%	40	0	0%
Malaysia	94,807	84	0.09%	24	0	0%	3,364	0	0%
Myanmar	1,309	3	0.23%	-	-	-	23	0	0%
Philippines	150,354	396	0.26%	2	0	0%	3,039	3	0.10%
Singapore	11,682	-	0.00%	17	0	0%	8	0	0%
Thailand	76,199	56	0.07%	3,405	1	0.03%	2,875	1	0.03%
Viet Nam	67,748	10	0.01%	160	0	0%	970	174	0.31%
ASEAN Region	614,731	1,721	0.28%	325,278	150	0.05%	11,812	7	0.06%