



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>



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Key Findings

Global

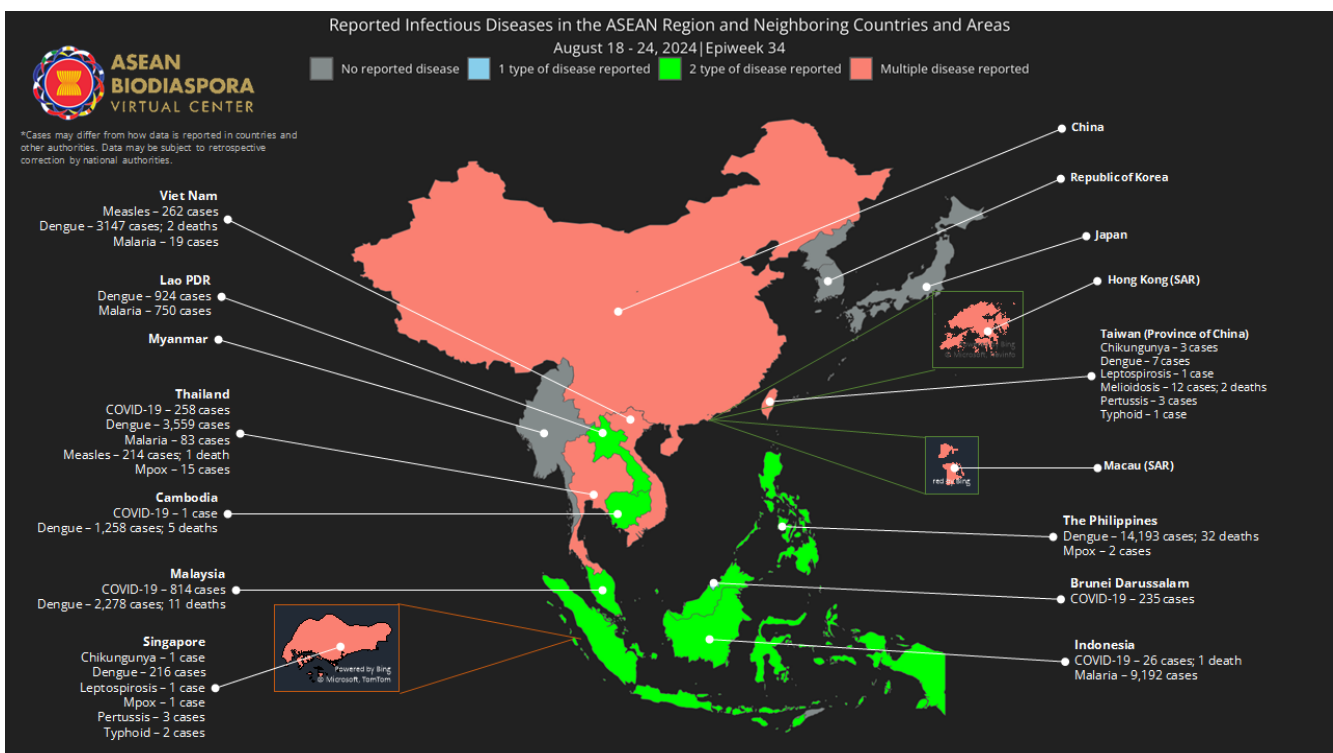
- A total of 18,737 suspected or confirmed cases of mpox have been reported in Africa this year, including 1,200 in the past week. To date, the outbreak has been reported from 12 African Union member states and has resulted in 541 deaths.
- In Pakistan, three cases of mpox were confirmed among travelers from the UAE. Meanwhile, the USA reported two local cases in Oneida County.
- The US has reported more than 170,000 new cases of COVID-19 with over 1,100 deaths in the past week.
- Mongolia confirmed eight new cases of measles in Bayan-Ölgii province, following an outbreak declared on August 1.
- Taiwan's CDC reported 17 new cases of indigenous melioidosis last week, the highest since 2006.
- Garo Hills, Meghalaya, India, reported a confirmed polio case, 9 years after India was declared polio-free. Gaza, Palestine, recorded its first polio case in 25 years, with an unvaccinated infant showing symptoms.
- Pune district has confirmed 100 zika cases, the highest in Maharashtra, India, with 113 cases reported.

ASEAN Region

- Cambodia, Philippines, Singapore, and Thailand reported new mpox cases. Thailand detected its first suspected case of clade 1b mpox.
- A 15-year-old girl in Prey Veng, Cambodia, has died from H5N1 avian influenza.
- New COVID-19 cases are reported in Brunei Darussalam, Cambodia, Indonesia, Malaysia, and Thailand.
- New cases of malaria are reported in Indonesia, Lao PDR, Thailand, and Viet Nam.
- Thailand and Viet Nam reported new measles cases.

Reported Infectious Diseases in the ASEAN Region and Neighboring Countries

Epidemiological Week 34 | August 18 - 24, 2024



Source: AMS Official Sources, [Worldometer](#), [WHO](#), [Our World in Data](#), and [Bluedot Platform](#), accessed on August 27, 2024

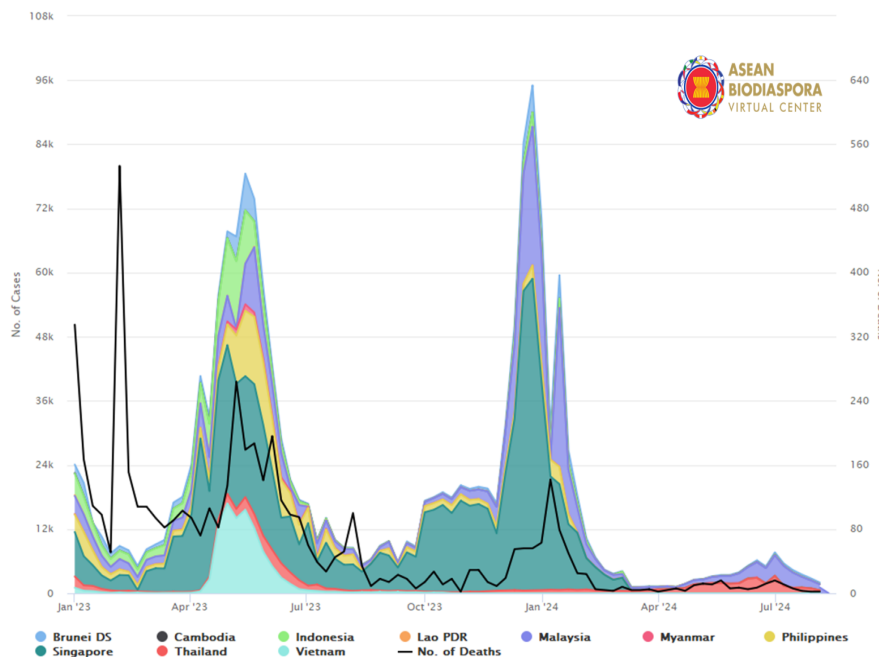
EMERGING DISEASES

COVID-19: Highlights and Situation Overview

- As of 24 August 2024 (5PM, GMT+7), there were **704,818,088** confirmed cases **worldwide**, including **7,010,805 deaths**. Globally, Case Fatality Rate (CFR) was **1.00%**.
- 37,062,500 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

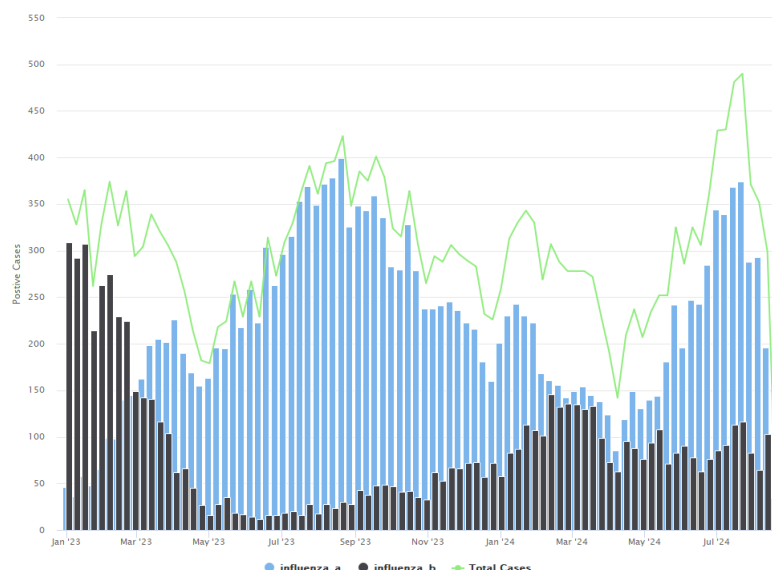
From January 1, 2023 to August 24, 2024



Source: [Singapore Government](#), [Worldometer](#), and the [WHO](#), accessed on August 27, 2024

Trends of Influenza Confirmed Cases in the ASEAN region

From January 1, 2023 to August 24, 2024

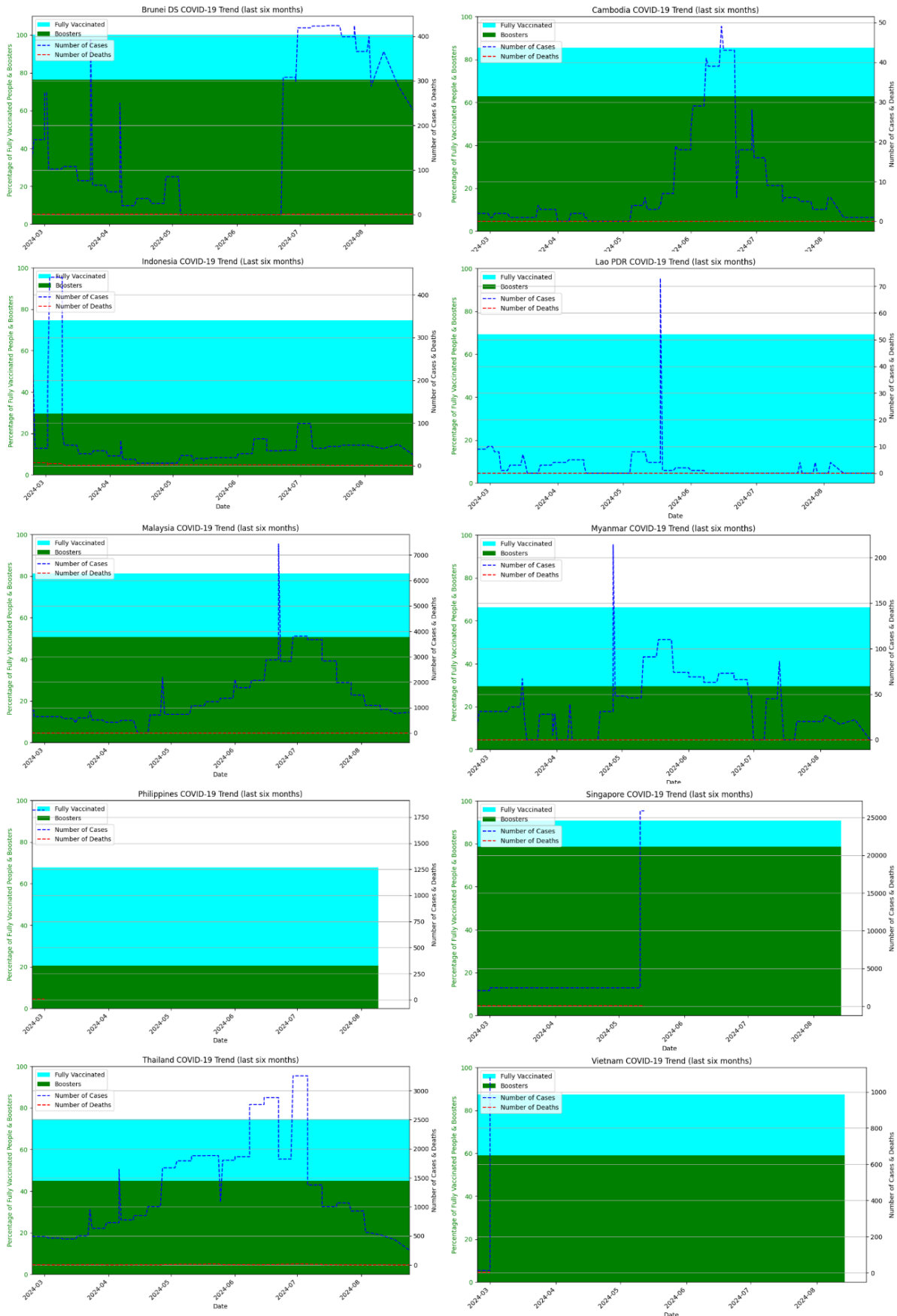


Source: FluNet, accessed on August 24, 2024 (<https://www.who.int/tools/fluNet>)



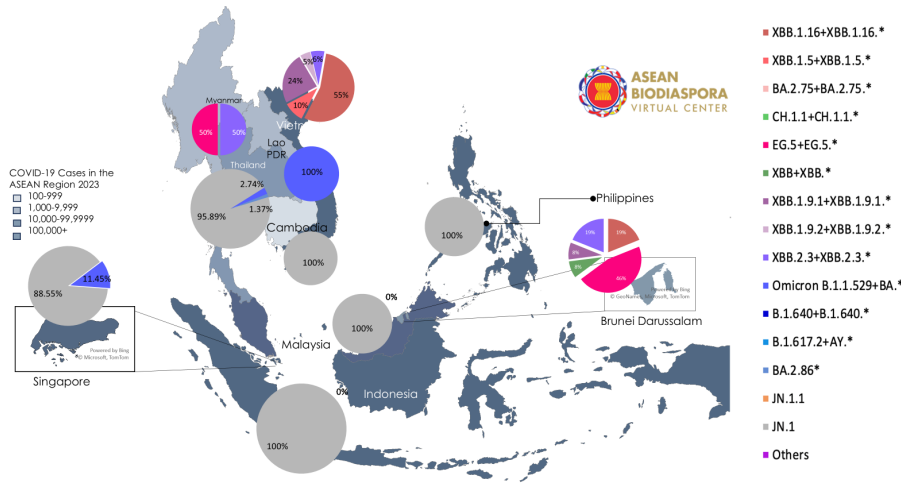
Trends of COVID-19 Cases, Deaths, and Vaccine Coverage among AMS

From February 17, 2024 to August 24, 2024



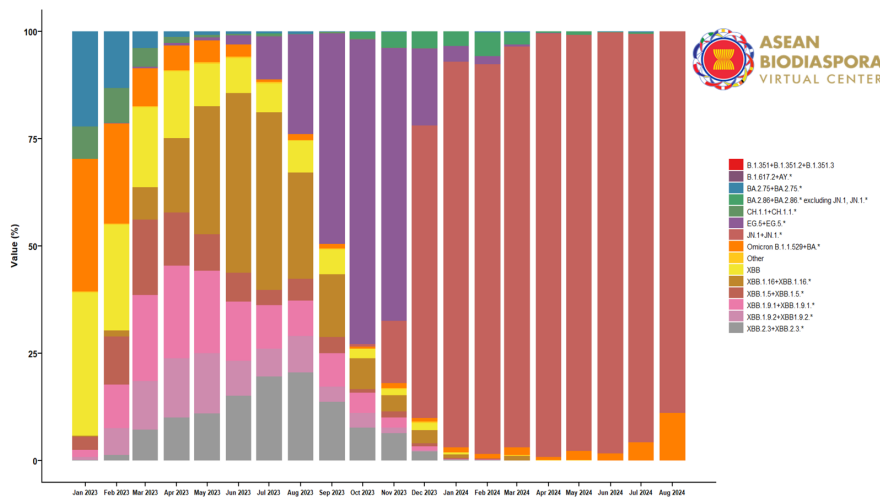
Source: AMS Official Sources, [Worldometer](#), [Our World In Data](#), and [WHO](#), accessed on August 27, 2024

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



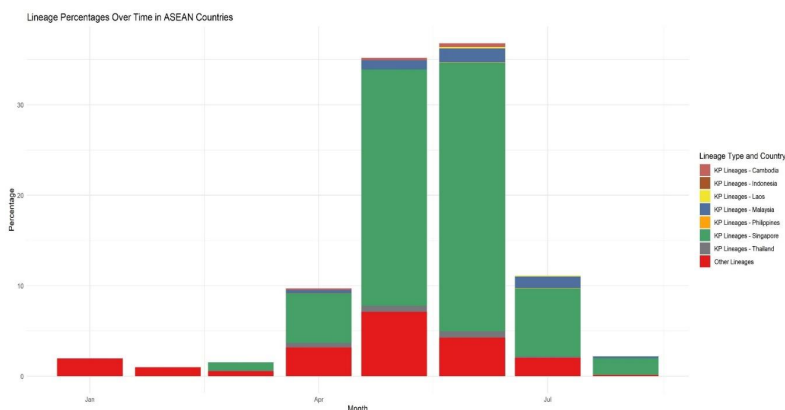
Source: GISAID. "hCoV-19 Variants Dashboard," accessed August 27, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

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



Source: GISAID. "hCoV-19 Variants Dashboard," accessed August 27, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

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

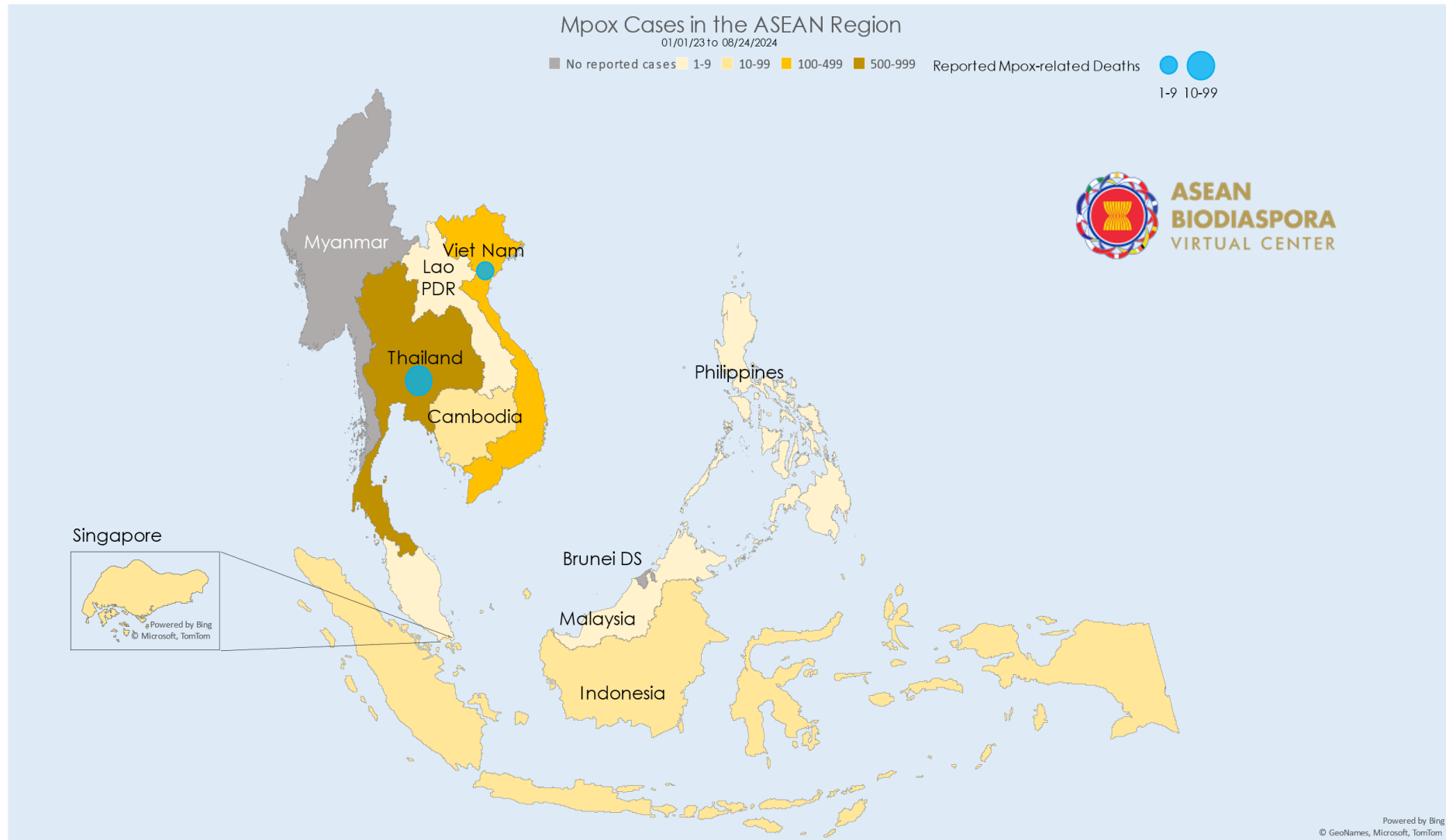


Source: GISAID. "hCoV-19 Variants Dashboard," accessed on August 27, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)



Mpox Cases Reported in the ASEAN Region

January 1, 2023 – August 24, 2024



Source:

1. Ministry of Health Republic of Indonesia
2. EBS Bluedot (Accessed on August 27, 2024)
3. Ministry of Health Singapore, accessed August 27, 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 24 August 2024, **20,508** confirmed cases worldwide since 2023, including **168** deaths. Globally, the CFR was **0.82%**.
- **1,177 confirmed cases** including **18 deaths** in the **ASEAN** region, with a CFR of **1.53%**.
- **19,331 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 Aug. 24, 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	7	2	0	0.00%
Singapore⁵	45	1	0	0.00%
Thailand³	808	15	10	1.24%
Vietnam³	200	0	8	4.00%
ASEAN Total	1,177	18	18	1.53%

Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia
3. IBS Bluedot (Accessed on August 27, 2024), (<https://portal.bluedot.org/>)
4. Department of Health Philippines
5. Ministry of Health Singapore, accessed August 27, 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 Aug. 24, 2024)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	4,201	1376	21	0.50%
United States of America	3,505	405	8	0.23%
People's Republic of China	2,535	73	1	0.04%
Brazil	1,541	840	0	0.00%
Thailand	808	15	10	1.24%

Source: Our World in Data, accessed on August 27, 2024 (<https://ourworldindata.org/monkeypox>)

Mpox cases per region (Jan. 1, 2023 to Aug. 24, 2024)

REGIONS	CUMULATIVE CASES	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	4,732	1,579	32	0.68%
AMERICAS	7,402	1,331	92	1.24%
ASEAN	1,177	25	18	1.53%
ASIA & OCEANIA	5,277	991	21	0.40%
EUROPE	1,920	148	5	0.26%
TOTAL	20,508	4,074	168	0.82%

Source: Our World in Data, accessed on August 27, 2024 (<https://ourworldindata.org/monkeypox>)



Media Monitoring for Emerging Diseases

Epidemiological Week 34 | August 18 – 24, 2024

Global Situation for Emerging Diseases

COVID-19

- The United States (US): Over 1,100 COVID-19 deaths were reported in the U.S. this week, the highest since March, as the summer wave continued with nearly 170,000 new cases (BNO News, 2024). At least 169,217 new cases were reported between August 12 and August 18, slightly up from the previous week. The CDC states that many areas are experiencing increased COVID-19 activity, while others are experiencing declines. COVID-19 cases are rising in at least 25 states, declining or likely declining in 5 states, and stable or uncertain in 17 states. Only 33.6% of hospitals submitted COVID-19 data this week, revealing that at least 5,256 Americans are currently hospitalized with COVID-19. More than 4.6 million COVID cases have been reported in the U.S. this year, causing at least 332,398 hospitalizations and 36,226 deaths. [[Full article](#)]

In Virginia, COVID-19 cases have increased by 54% from the previous week, with 6,727 cases tested positive and a 9% increase in hospitalizations (Englander, 2024). However, most cases in children are asymptomatic and mild, reducing the likelihood of hospitalization. The new COVID-19 vaccine is expected to help protect against new strains. Although cases are on the rise, no deaths from COVID-19 have been reported recently in Virginia, with two deaths reported in each of the last two reporting periods. [[Full article](#)]

Mpox

- **Africa:** The African Union health agency reported 18,737 suspected and confirmed cases of mpox since the start of the year, including 1,200 cases in one week (Malay Mail, 2024). The number of cases, caused by all strains of the virus not just the new more deadly clade 1b strain, prompted the World Health Organization to declare an international health emergency. To date, 3,101 confirmed and 15,636 suspected cases have been reported from 12 African Union member states, resulting in 541 deaths. [[Full article](#)]
- **Burundi's** Ministry of Health declared an mpox outbreak on 25 July 2024, following three confirmed cases (WHO, 2024). As of 17 August, 545 alerts had been reported, with 474 suspected cases (86.9%) investigated and validated. Of 358 tested cases, 39.7% tested positive for MPXV. The most affected district is Bujumbura Nord, with 54 of the 142 confirmed cases (38%). Males account for 55.6% of cases, females for 44.4%, and children under five years make up 60.3%. No deaths were reported. [[Full article](#)]
- **Côte d'Ivoire:** In July 2024, Côte d'Ivoire confirmed two nonfatal cases of mpox in Tabou district, San Pedro region (WHO, 2024). As of August 7, seven cases of clade II MPXV had been confirmed in Koumassi, Tabou, and Yopougon-Ouest-Songon health districts. All seven cases were over 15 years of age, with 57% were male. Forty contacts are being followed up. No cases have been reported since the start of the multi-country outbreak in 2022. [[Full article](#)]
- **Kenya:** A 42-year-old Kenyan male was confirmed as the first mpox case in Kenya, with 14 suspected cases identified as of 13 August (WHO, 2024). The patient had travelled from Uganda to Kenya and Rwanda through Tanzania. No deaths were reported as of that date. [[Full article](#)]



- **Pakistan:** Three cases of mpox were identified in Pakistan upon arrival from the United Arab Emirates, with the variant being unclear (TOI, 2024). All three have been quarantined. Since April 2023, 11 cases have been reported in Pakistan, one resulting in death. [[Full article](#)]
- **Rwanda** has reported two laboratory-confirmed cases of mpox, marking the first confirmed cases in the country (WHO, 2024). The Ministry of Health declared an outbreak on July 27, with two cases being confirmed in Rusizi district and one in Kibagabaga hospital. As of August 7, four confirmed cases and zero deaths had been reported, with one case being a 34-year-old man with fever, swollen lymph nodes, sore throat, and rash. Sequencing analysis confirmed MPXV clade Ib. [[Full article](#)]
- **Spain** has recorded 8,104 mpox cases since the outbreak in 2022, marking a record number among European countries (Novosti, 2024). The majority of cases are from Madrid and Catalonia, with 2,770 cases reported in Madrid and 2,452 in Catalonia. [[Full article](#)]
- The **United States (US):** The World Health Organization has declared a global health emergency due to mpox, with two local cases reported in Oneida County (WKTV, 2024). The New York State Health Department has not reported any new cases in the last seven days. [[Full article](#)]
- **Uganda:** In August 2024, Kasese District increased surveillance for mpox disease along the border with the Democratic Republic of the Congo (WHO, 2024). Six suspected cases were identified, with two positive for MPXV Clade Ib. Investigations revealed no secondary transmission and 39 suspected cases were reported. As of 20 August, no deaths have been reported, and 37 contacts of confirmed cases are being followed-up. [[Full article](#)]

Regional Situation for Emerging Diseases

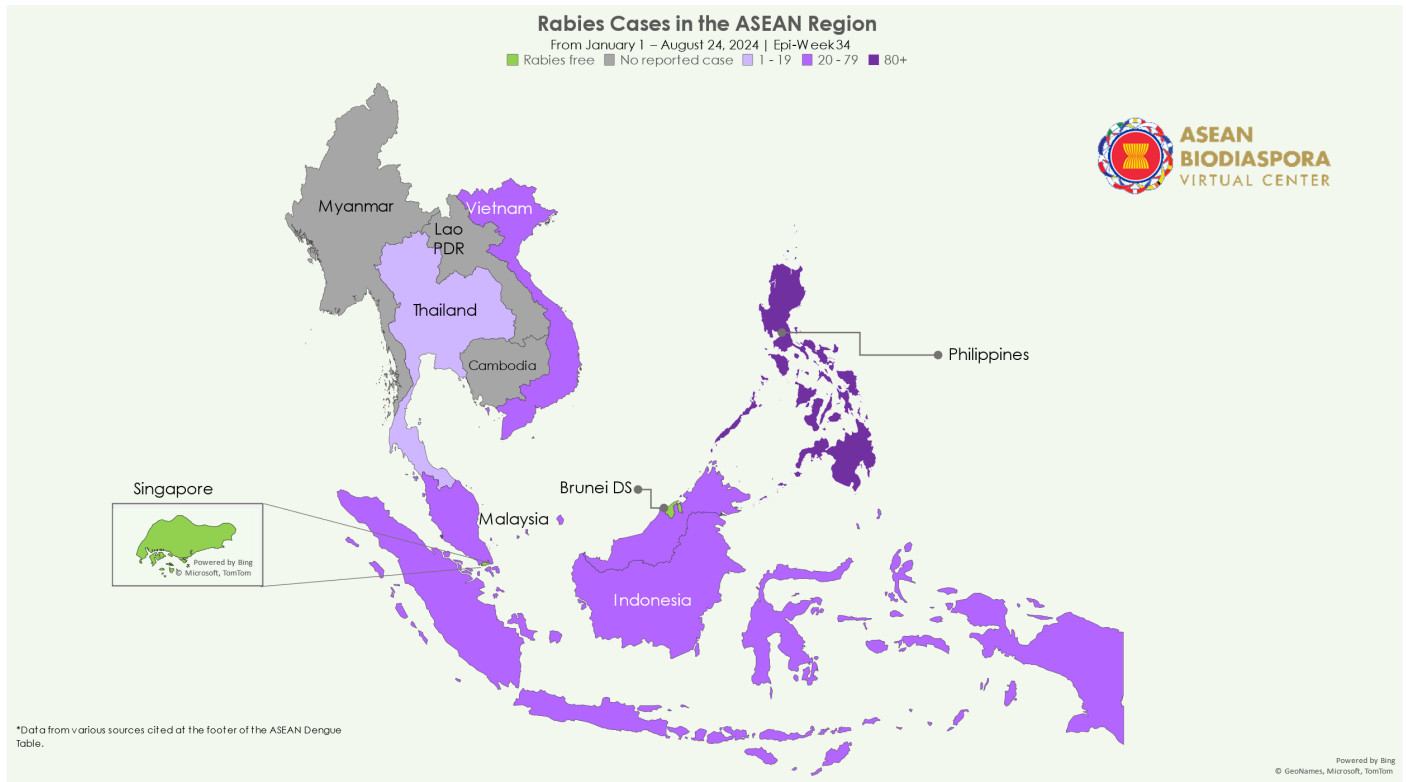
Mpox

- The **Philippines** reported its first case of mpox just days after the World Health Organization declared it a global health emergency (Sampson, E., 2024). The Philippines Department of Health did not specify whether the patient was infected with Clade Ib, the newer strain dominant in the Democratic Republic of Congo. [[Full article](#)]
- **Thailand** has reported its first suspected case of clade 1 mpox (Agence France Presse, 2024). The patient, a European traveler who had been in an African country, is believed to be carrying this severe strain after tests ruled out clade 2. Thai authorities are closely monitoring the situation. [[Full article](#)]
- **Viet Nam:** Mpox infects 199 people since 2023, claiming 8 lives in southern Viet Nam (Truoi Tre News, 2024). Of the cases, 150 were reported in 2023, with 49 emerge since early 2024. All eight deaths occurred in 2024. Ho Chi Minh City accounted for 156 cases and six deaths. All patients were men aged 18 to 53, with 84% identifying as part of the men who have sex with men (MSM) community. [[Full article](#)]

ZOONOSIS

Rabies Cases in the ASEAN Region

From January 1 to August 24, 2024 (Epi-Week 34)



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 26	68	0	68	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 31	56	0	56	100%
Total		376	0	376	100%

Source:

1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed August 27, 2024 (<https://portal.bluedot.global/>)
3. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed August 27, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **NO** new rabies cases since the previous report. The region reported **376** total cases with **100%** CFR.



Media Monitoring for Zoonosis

Epidemiological Week 34 | August 18 – 24, 2024

Regional Situation for Zoonosis

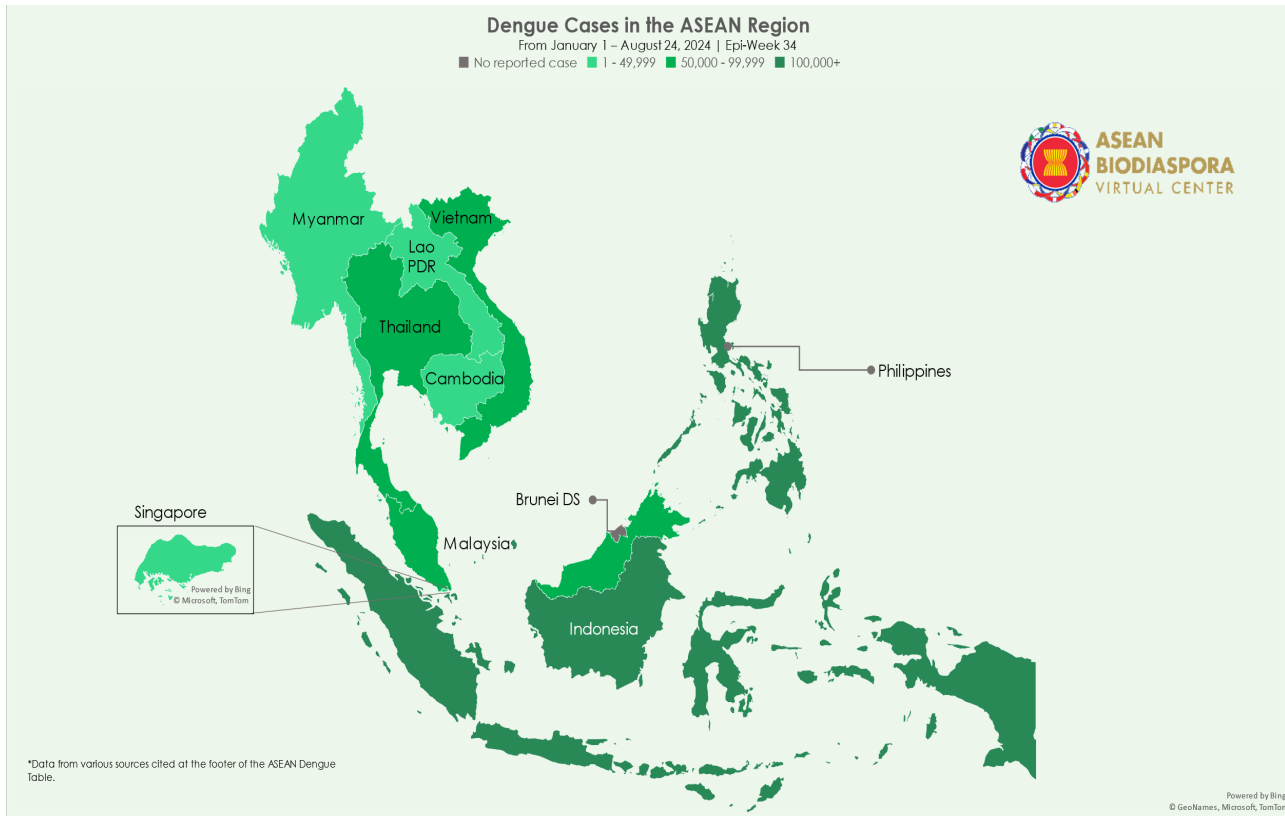
Avian Influenza A (H5N1)

- **Cambodia:** A 15-year-old girl in Prey Veng province, Cambodia, died of H5N1 avian influenza (Xinhua, 2024). Health experts are investigating the source and examining suspected cases to prevent an outbreak. This year, 10 human cases of H5N1 bird flu have been recorded. [[Full article](#)]

VECTOR-BORNE DISEASES

Dengue Cases in the ASEAN Region

From January 1 to August 24, 2024 (Epi-Week 34)



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	1,258	30	5	0.31%
Indonesia^{2*}	Week 30	166,255	-	1,008	-	0.61%
Lao PDR¹	Week 32	10,376	924	-	-	0.00%
Malaysia¹	Week 32	90,533	2,278	80	11	0.09%
Myanmar³	Week 27	1,309	-	3	-	0.23%
Philippines³	Week 34	150,354	14,193	396	32	0.26%
Singapore^{4**}	Week 33	11,129	216	-	-	0.00%
Thailand^{5***}	Week 32	65,382	3,559	47	-	0.07%
Viet Nam¹	Week 33	57,858	3,147	9	2	0.02%
Total		562,951	25,575	1,573	50	0.28%

Source:

- WHO WPRO, "Dengue," World Health Organization, accessed August 27, 2024 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
- Ministry of Health, Republic of Indonesia
- Bluedot Developer Portal, accessed August 27, 2024, (<https://developer-portal.bluedot.global/>).
- Ministry of Health. "Weekly Infectious Disease Bulletin", accessed August 27, 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 August 27, 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

***Notified dengue cases include all type of cases DF, DHF, and DSS

- The **ASEAN** region reported **25,575** new dengue cases since the previous report. The region reported **562,952** total cases with **0.28%** CFR.

Malaria Cases in the ASEAN Region

From January 1 to August 24, 2024 (Epi-Week 34)



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	-	-	-	-	-
Indonesia ¹	Week 34	269,863	9,192	124	0.05%
Lao PDR ²	Week 34	12,410	750	8	0.06%
Malaysia ³	Week 30	24	-	-	0.00%
Myanmar		-	-	-	#DIV/0!
Philippines ³	Week 6	2	-	-	0.00%
Singapore ⁴	Week 33	14	-	-	0.00%
Thailand ⁵	Week 32	3,187	83	1	0.03%
Viet Nam ³	Week 34	160	19	-	0.00%
Total		285,660	10,044	133	0.05%

1. Malaria Cases in Indonesia, accessed August 27, 2024 (<https://malaria.kemkes.go.id/case>)
2. Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed August 27, 2024 (<https://www.facebook.com/CCEH.MoH.Lao/>)
3. Bluedot Platform, accessed August 27, 2024 (<https://portal.bluedot.global/>)
4. Ministry of Health Singapore, accessed August 27, 2024 (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)
5. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed August 27, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **10,044** new malaria cases since the previous report. The region reported **285,660** total cases with **0.05%** CFR.



Media Monitoring for Vector-borne Diseases

Epidemiological Week 34 | August 18 – 24, 2024

Global Situation for Vector-borne Diseases

Chikungunya

- **India:** Two Chikungunya patients have been admitted to the hospital, with no severities (Lall, 2024). Doctor urges people to wear full-sleeve clothes, get free checkups, and follow doctor's advice. [[Full article](#)]

Dengue

- **Bangladesh:** This year, 77 dengue-related deaths have been reported (Pratidin, 2024). As of August 22, there have been 10,578 people infected with dengue, with 61.3% being men and 38.7% being women. [[Full article](#)]
- **France:** Ten cases of dengue fever have been detected in Sainte-Cécile-les-Vignes, a village in the north of Vaucluse, France (Libéré, 2024). The Regional Health Agency reported the first case on August 14, which led to detection of both imported and several indigenous cases. Specifically, 9 of the cases are local and 1 is imported. [[Full article](#)]
- **India:** A four-year-old girl from Thorrur mandal in Mahabubabad district died of dengue fever while undergoing treatment at a hospital (Service, 2024). The 4th dengue-related death in Warangal district occurred on Tuesday, August 20. The girl's condition worsened after testing positive for dengue, prompting her parents to transfer her to MGM Hospital. To date, 139 people were tested positive for dengue. [[Full article](#)]
- **Pakistan:** A significant increase in dengue fever cases has been reported in Rawalpindi, with 10 individuals testing positive in the past week (Qasim, M., 2024). The total number of confirmed cases from Rawalpindi is 47, with 21 are from the federal capital. Of the 47 patients, 42 have been discharged after treatment, while five are undergoing treatment at public hospitals. [[Full article](#)]
- The **United States (US):** The US Virgin Islands is urging residents and visitors to take precautions to prevent dengue transmission (Shong, 2024). Health Commissioner reported 82 cases in the St. Thomas and St. John District, urging residents to remove standing water, repair window screens, and use mosquito repellent. The VI Department of Health's Territorial Epidemiologist, revealed that 63 of the reported cases are on St. Thomas, 18 on St. John, and one on St. Croix. [[Full article](#)]

Leptospirosis

- **Ukraine:** A 14-year-old girl was diagnosed with leptospirosis, affecting her kidneys, heart, lungs, and nervous system (Shevchuk, 2024). The infection began on July 22 and worsened rapidly. She was hospitalized in the Lyubeshiv multidisciplinary hospital for two weeks, then continued her treatment in the diagnostic department after improvement. In July, two residents of Khmelnytskyi died of leptospirosis, and at least three people are currently being treated for the disease. [[Full article](#)]



Melioidosis

- **Taiwan's** CDC reported 17 new cases of indigenous melioidosis last week, the highest since 2006 (Herriman, 2024). The majority of these cases were after Typhoon Kemi, with residences in Kaohsiung City, Tainan City, Taichung City, Pingtung County, and Chiayi County. The number of new local cases decreased from 19 in the previous week, but cases are expected to continue until the end of August. The majority of cases were fatalities. [\[Full article\]](#)

Zika

- **India:** Pune district has reported seven new confirmed Zika virus cases, making it the highest number of Zika cases in any Maharashtra district (TNN, 2024). The state has reported 113 confirmed Zika cases in 2024, with 100 from Pune district, 10 from Ahmednagar district, and one each from Kolhapur, Miraj, and Solapur districts. Of the 100 cases from Pune, 86 are from Pune city, nine from Pune rural, and five from under Pimpri Chinchwad Municipal Corporation (PCMC) area. The six new cases include a 36-year-old woman from Karvenagar, a 30-year-old woman from Bavdhan, and a 47-year-old man from Lohegaon. Additionally, three pregnant women—aged 22 and 28 from Pashan and a 25-year-old from Lohegaon—have also been diagnosed with the virus. [\[Full article\]](#)

Regional Situation for Vector-borne Diseases

Dengue

- **Indonesia:** Dengue Hemorrhagic Fever (DHF) cases in West Aceh District reached 15 cases in 2024, primarily in Johan Pahlawan Sub-district (Firmansyah, 2024). Epidemiological Investigations were conducted around 327 houses to determine potential transmission and mitigation measures. First aid should be given at home, and victims should be taken to the nearest health service center. [\[Full article\]](#)
- The North Sumatra Provincial Health Office has sent a team to South Nias District to handle an outbreak of dengue in the area (Lukman, 2024). From January to August 17, 2024, the number of dengue cases reached 248, with an additional 20 cases in Batu Islands. [\[Full article\]](#)
- **Malaysia** experienced a higher dengue caseload and deaths in the first eight months of 2024, with a spike in cases attributed to the weather (The Straits Times, 2024). As of August 17, a total of 92,420 dengue cases had been reported, with Selangor reporting the highest number of cases at 47,398, followed by Johor with 9,983 cases, and Kuala Lumpur with 8,392 cases. [\[Full article\]](#)
- The **Philippines:** Health officials in Pangasinan province are battling a surge in dengue cases, which have claimed the lives of 17 people, mostly children (Cardinoza, G.L., 2024). The Provincial Health Officer reported the situation to the provincial council, who invited the Health Officer to discuss the situation in provincial government-run hospitals and how dengue cases are being managed. The province has seen a 98% increase in dengue cases compared to the same period last year. [\[Full article\]](#)

In Negros Occidental Dengue cases increased by 94.21% from January to August compared to the same period in 2023, reaching 1,777 cases (Ellera, 2024). Sibalay City had the highest number of cases with 185. As of August 17, six deaths have occurred. Health authorities urge public cleanliness and destruction of breeding containers. [\[Full article\]](#)



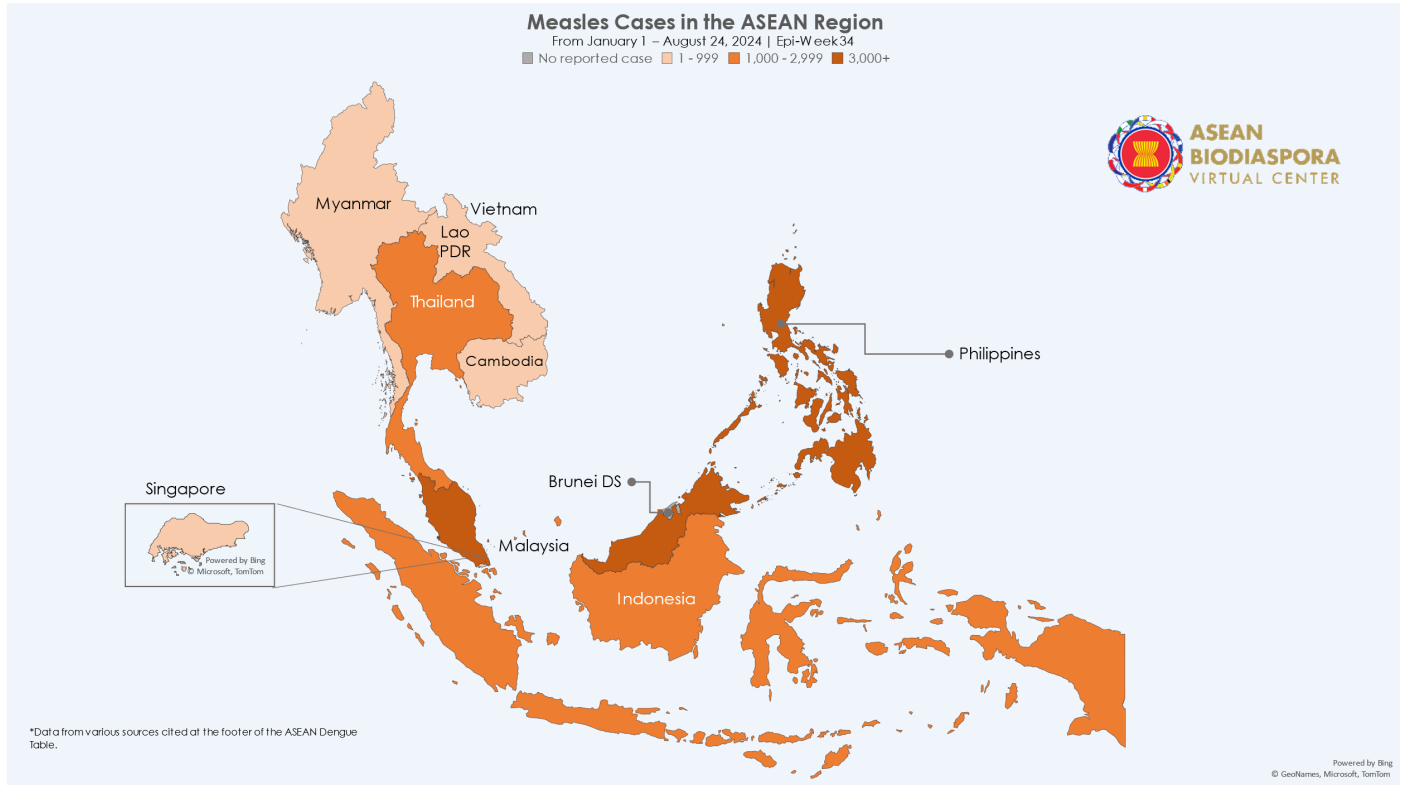
Malaria

- **Indonesia:** The North Sumatra Provincial Health Office has sent a team to South Nias District to deal with an outbreak of malaria in the area (Lukman, 2024). From January to August 17, the regency recorded 730 cases of malaria. [[Full article](#)]

VACCINE-PREVENTABLE DISEASES

Measles Cases in the ASEAN Region

From January 1 to August 24, 2024 (Epi-Week 34)



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	83	-	0	0%
Indonesia ²	Week 30	1,033	-	0	0%
Lao PDR ¹	Week 27	40	-	0	0%
Malaysia ¹	Week 27	3,364	-	0	0%
Myanmar ¹	Week 27	23	-	0	0%
Philippines ¹	Week 27	3,039	-	3	0.10%
Singapore ³	Week 33	8	0	0	0%
Thailand ⁴	Week 32	2,137	214	1	0.05%
Viet Nam ⁵	Week 34	745	262	3	0.40%
Total		10,472	476	7	0.07%

- Provisional Measles and Rubella Data, World Health Organization, accessed August 27, 2024 (<https://immunizationdata.who.int/global?topic=Provisional-measles-and-rubella-data&location=>)
- Ministry of Health, Republic of Indonesia
- Ministry of Health Singapore, accessed August 27, 2024, (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)
- Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed August 27, 2024 (<http://doe.moph.go.th/surdata/index.php>)
- Bluedot Platform, accessed August 27, 2024 (<https://developer-portal.bluedot.global/>)

- The **ASEAN** region reported **476** new measles cases since the previous report. The region reported **10,472** total cases with **0.07%** CFR.



Media Monitoring for Vaccine-Preventable Diseases

Epidemiological Week 34 | August 18 – 24, 2024

Global Situation for Vaccine-Preventable Diseases

Measles

- **Mongolia:** Eight new cases of measles have been confirmed in the western Mongolian province of Bayan-Ulgii, following an outbreak declared on August 1 (Huaxia, 2024). The country has been taking measures to fight the spread of the highly contagious disease, including training medical staff on differential diagnosis, conducting nationwide vaccinations, and providing public recommendations. [[Full article](#)]

Pertussis

- **Australia** has seen a significant increase in whooping cough cases, with 21,336 notifications recorded in 2024, the largest spike since 2015 (Hewson, 2024). Queensland Health has called for all pregnant women to get vaccinated. The outbreak is considered one of the largest in recent years. [[Full article](#)]
- **Canada:** A whooping cough outbreak in New Brunswick has expanded to all of the province, with 141 cases reported so far in 2024, surpassing the five-year average of 34 annual cases (Perry, 2024). The disease, which can occur at any age, is particularly serious in infants and young children, especially those too young to be fully vaccinated. [[Full article](#)]
- **Russia:** Perm Krai experienced a significant increase in whooping cough cases in the first seven months of 2024, ranking 4th in the Volga Federal District and 15th in the Russian Federation (Promed, 2024). The Ministry of Health reports that 41% of cases are schoolchildren and adolescents. The increase is linked to reduced vaccination immunity, which lasts to five years. Authorities aim to purchase 15 thousand doses of whooping cough vaccines for children aged 6-7 years, with 41 million rubles allocated for this purpose. [[Full article](#)]
- The **United States (US):** The Centers for Disease Control and Prevention (CDC) has reported a significant increase in pertussis cases in the US, with over 10,800 documented as of June 1 (Writer, 2024). Infants and young children are at higher risk for complications due to the severity of the illness. Healthcare providers are encouraged to remain vigilant for pertussis cases, as public awareness of the disease has diminished. [[Full article](#)]

Poliomyelitis

- **India:** After nine years without a new case of polio, the highly infectious virus has been detected again in Meghalaya's Garo Hills district (ProMED, 2024). A child from Tikrikilla, a village where vaccination faces strong opposition, has been diagnosed with poliomyelitis. The virus is classified into three wild types: WPV-1, WPV-2, and WPV-3. The spread of the disease is driven by factors such as poor sanitation, limited access to clean drinking water, inadequate hand hygiene, and high population density. [[Full article](#)]
- **Palestine:** Gaza has recorded its first confirmed case of polio in 25 years, with an unvaccinated 10-month-old baby in Deir al-Balah showing symptoms (McPhedran, C. and Zwartz, H., 2024). Tests conducted in Amman, Jordan, confirmed the presence of the highly infectious virus. The World Health Organization detected the virus in wastewater in central and southern Gaza, indicating it may have been introduced from Egypt as early as September 2023. [[Full article](#)]



Regional Situation for Vaccine-Preventable Diseases

Measles

- **Vietnam:** Ho Chi Minh City currently has the highest number of measles cases in the country, with over 500 cases and three deaths (Nhat, 2024). The Ministry of Health has launched a vaccination week before the school year starts, expanding the vaccination target to children aged 1 to 10 years old, except for those who have been fully vaccinated with two doses of measles vaccine. [[Full article](#)]



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

Epidemiological Week 34 | From January 1 to August 24, 2024

Infectious Diseases	COVID-19			Mpox			Rabies		
	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	86,518	77	0.10%	-	-	-	Rabies-free Country		
Cambodia	884	0	0%	20	0	0%	-	-	-
Indonesia	118,089	1,454	1.26%	87	0	0%	68	68	100%
Lao PDR	1,474	87	6.55%	1	0	0%	-	-	-
Malaysia	292,520	494	0.20%	9	0	0%	79	79	100%
Myanmar	9,324	5	0.06%	-	-	-	-	-	-
Philippines	141,371	1,467	1.04%	7	0	0%	169	169	100%
Singapore	819,481	313	0.04%	45	0	0%	Rabies-free Country		
Thailand	80,908	1,051	2.29%	808	10	1.24%	4	4	100%
Viet Nam	101,828	20	0.02%	200	8	4.00%	56	56	100%
ASEAN Region	1,652,397	4,971	0.32%	1,177	18	1.53%	376	376	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	166,255	1,008	0.61%	269,863	124	0.05%	1,033	0	0%
Lao PDR	10,376	0	0%	12,410	8	0.07%	40	0	0%
Malaysia	90,533	80	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	11,129	-	0.00%	14	0	0%	8	0	0%
Thailand	65,382	47	0.07%	3,187	1	0.03%	2,137	1	0.05%
Viet Nam	57,858	9	0.02%	160	0	0%	745	3	0.40%
ASEAN Region	562,951	1,573	0.28%	285,660	133	0.05%	10,472	7	0.07%



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