

ASEAN Biodiaspora Virtual Center

Morbidity and Mortality Weekly Report Infectious and Emerging Diseases

GLOBAL & ASEAN REGION

September 4, 2024 | MMWR 2024-35
Epidemiological Week 35



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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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Key Findings

Global

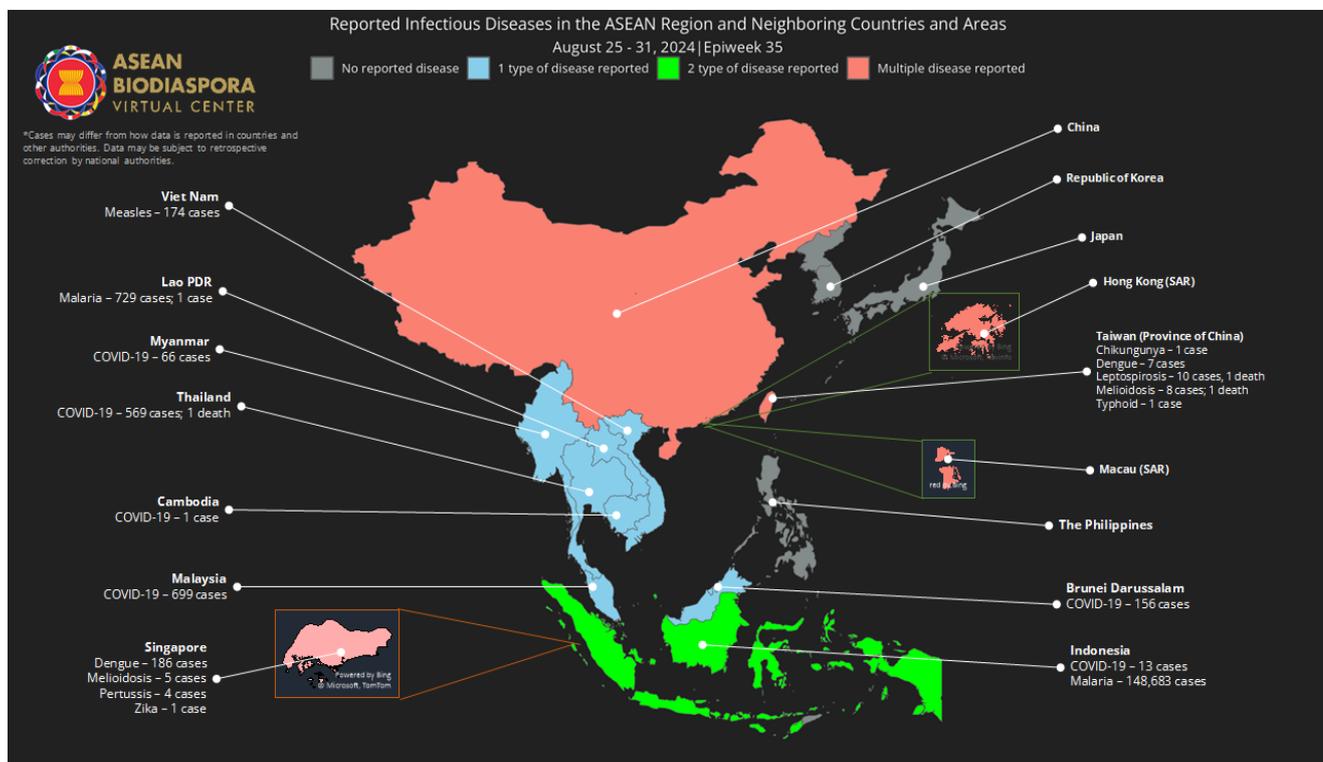
- Mpox outbreaks continue to grow globally, with notable cases reported in several regions, particularly in the Regions of Americas and Africa.
- The United States (US) reported a nationwide increase in new cases of COVID-19, while Japan and New Zealand reported decreases.
- Ohio and Pennsylvania, the US, each reported one new human infection of novel influenza A (H1N1) viruses (swine flu), with no deaths. No human-to-human transmission has been detected.
- India reported declined new daily case of Chandipura virus infections since July 2024.
- France's Public Health Agency detected 1,031 imported dengue cases between May 1 and August 13.
- Kerala, India, reported an increase in leptospirosis cases. This possibly attributed to inadequate prevention and surveillance efforts at the local level.
- Five countries in the Region of the Americas (Bolivia, Brazil, Colombia, Cuba, and Peru) have reported Oropouche virus cases. The US CDC reported 21 cases among travelers returning from Cuba.
- A measles outbreak has been reported in Arkhangelsk region, Russia, while South Africa faces sporadic cases in several districts. The US notes 2024 as the second worst year in the past 25 years.
- Canada and the US reported a rise on pertussis cases. Health authorities urge vaccination programs.

ASEAN Region

- New cases of clade II mpox, a milder variant, have been reported in the Philippines and Thailand.
- Ho Chi Minh City, Vietnam, has declared a measles outbreak following a rapid rise in cases.
- While the Philippines reported an overall decrease of pertussis cases, four regions experienced a surge within the past six week. Singapore reported four new cases of pertussis.

Reported Infectious Diseases in the ASEAN Region and Neighboring Countries

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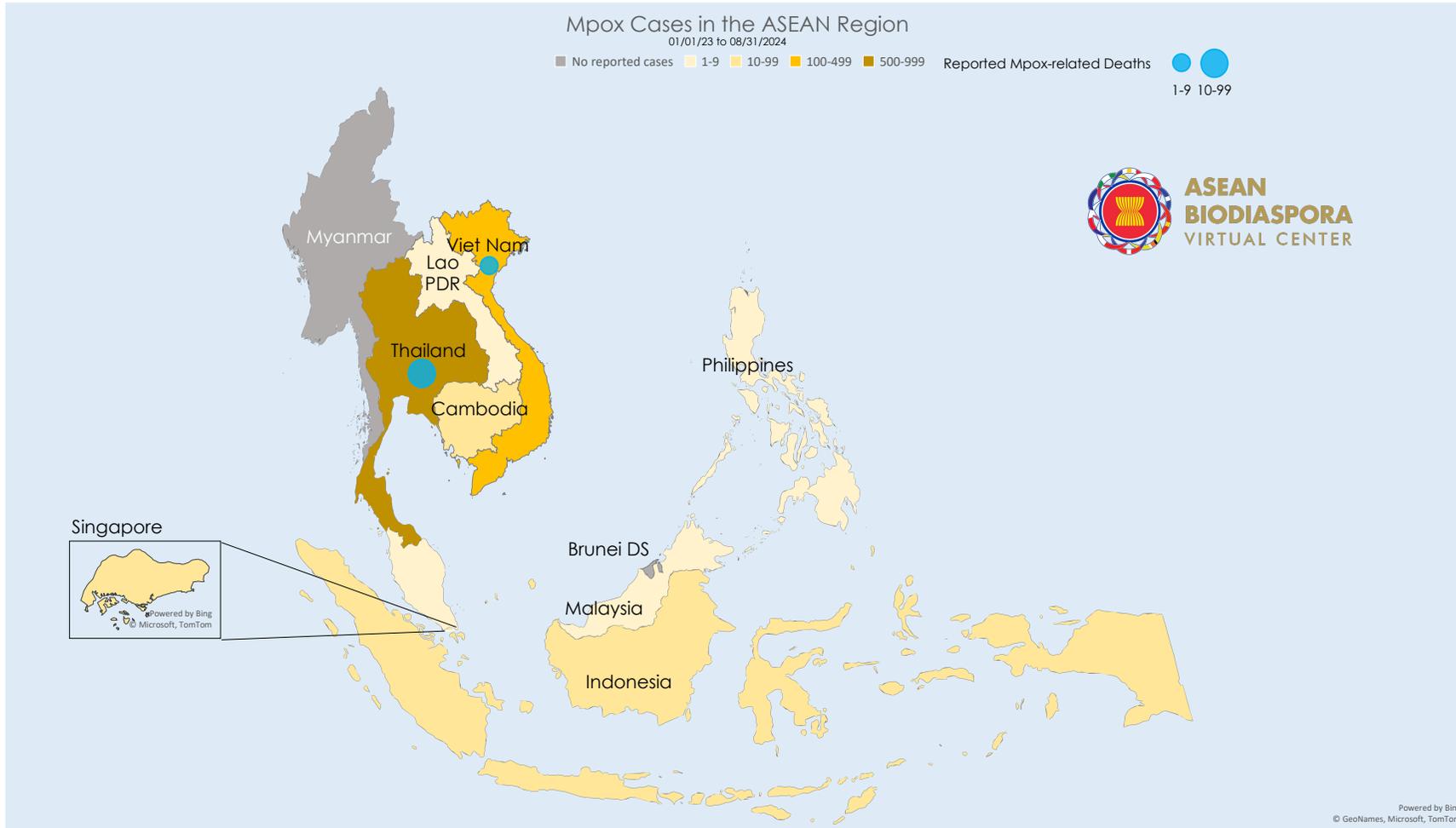


Source: AMS Official Sources, [Worldometer](#), [WHO](#), [Our World in Data](#), and [Bluedot Platform](#), accessed on September 3, 2024

EMERGING DISEASES

Mpox Cases Reported in the ASEAN Region

January 1, 2023 – August 31, 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 31 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. 31, 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	9	0	0	0.00%
Philippines ⁴	7	0	0	0.00%
Singapore ⁵	45	0	0	0.00%
Thailand ³	808	0	10	1.24%
Vietnam ³	200	0	8	4.00%
ASEAN Total	1177	0	18	1.53%

Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia
3. IBS Bluedot (Accessed on September 3, 2024), (<https://portal.bluedot.org/>)
4. Department of Health Philippines
5. Ministry of Health Singapore, accessed September 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 Aug. 31, 2024)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	4,201	0	21	0.50%
United States of America	3,505	0	8	0.23%
People's Republic of China	2,535	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 3, 2024 (<https://ourworldindata.org/monkeypox>)

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

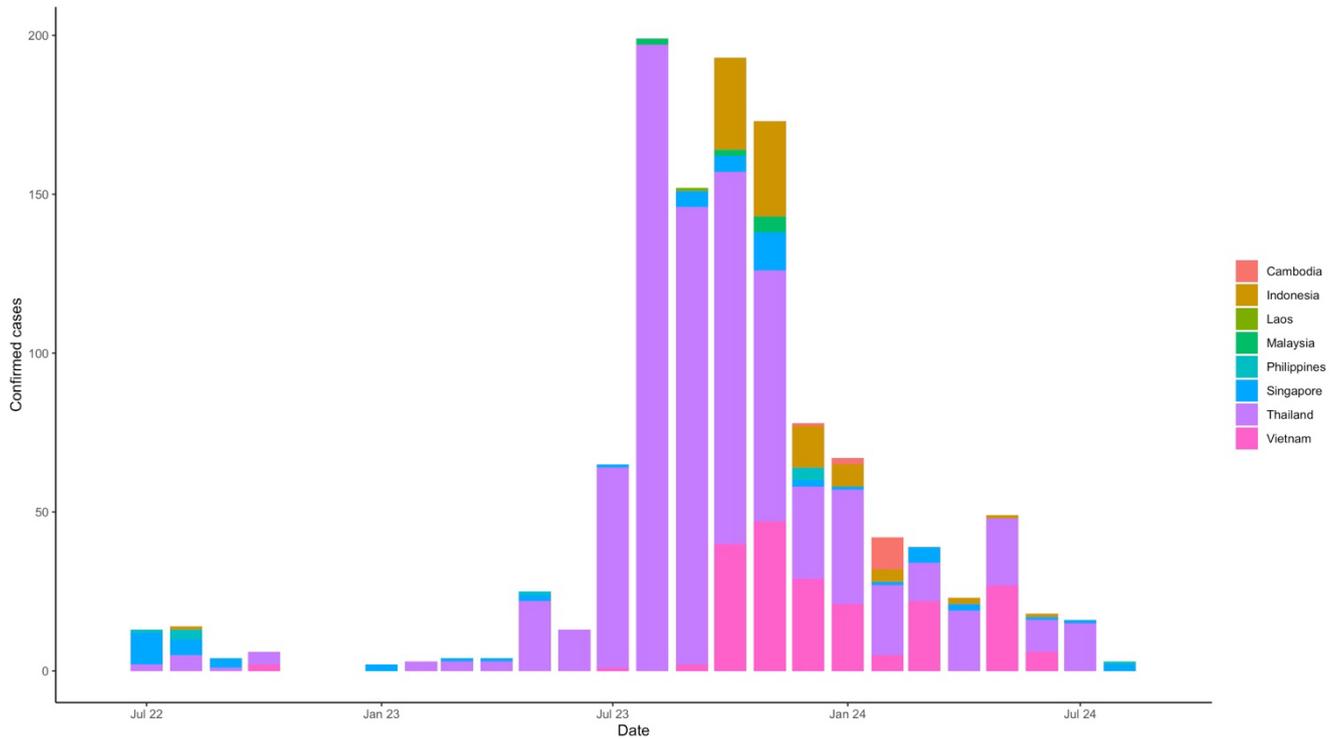
REGIONS	CUMULATIVE CASES 2023-2024	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	4,732	0	32	0.68%
AMERICAS	7,402	0	92	1.24%
ASEAN	1,177	0	18	1.53%
ASIA & OCEANIA	5,277	0	21	0.40%
EUROPE	1,920	0	5	0.26%
TOTAL	20,508	0	168	0.82%

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



Trend of Mpox Confirmed Cases in the ASEAN Region

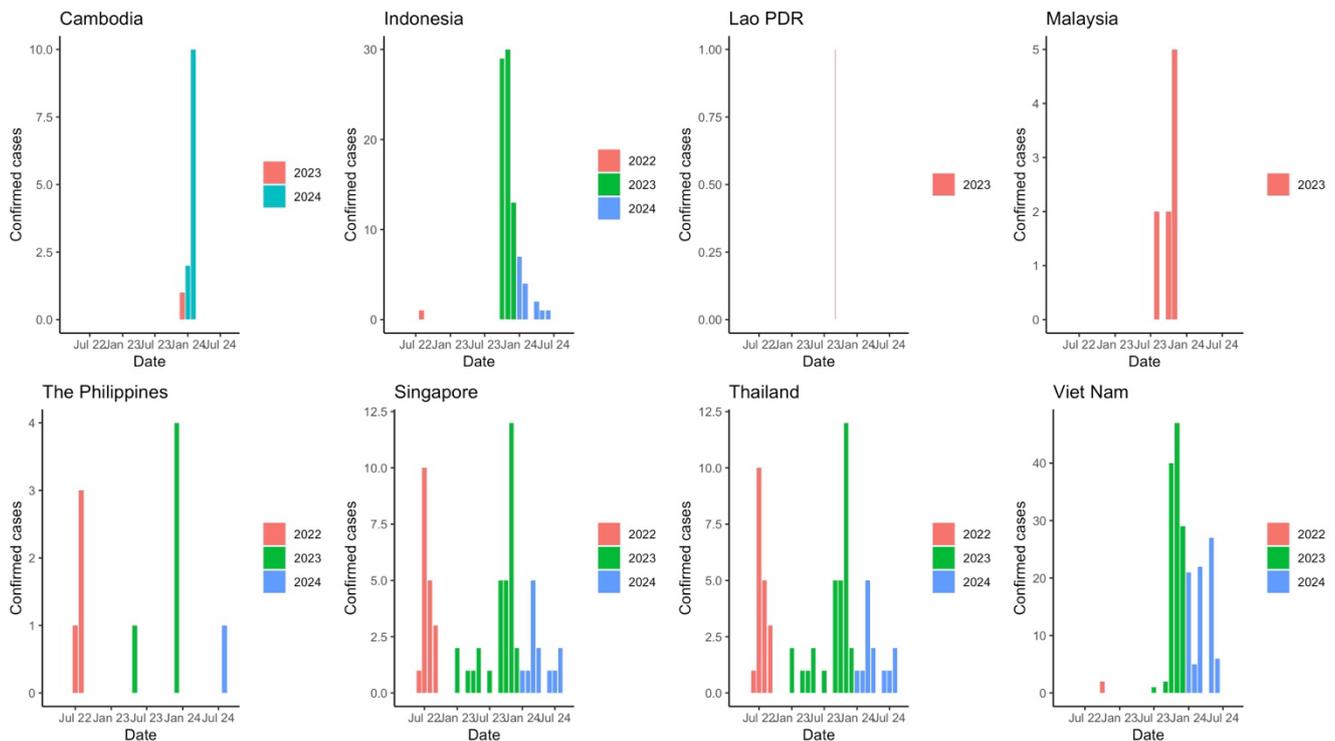
January 1, 2022 to August 31, 2024



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

Trend of Mpox Confirmed Cases among ASEAN Member States

January 1, 2022 to August 31, 2024



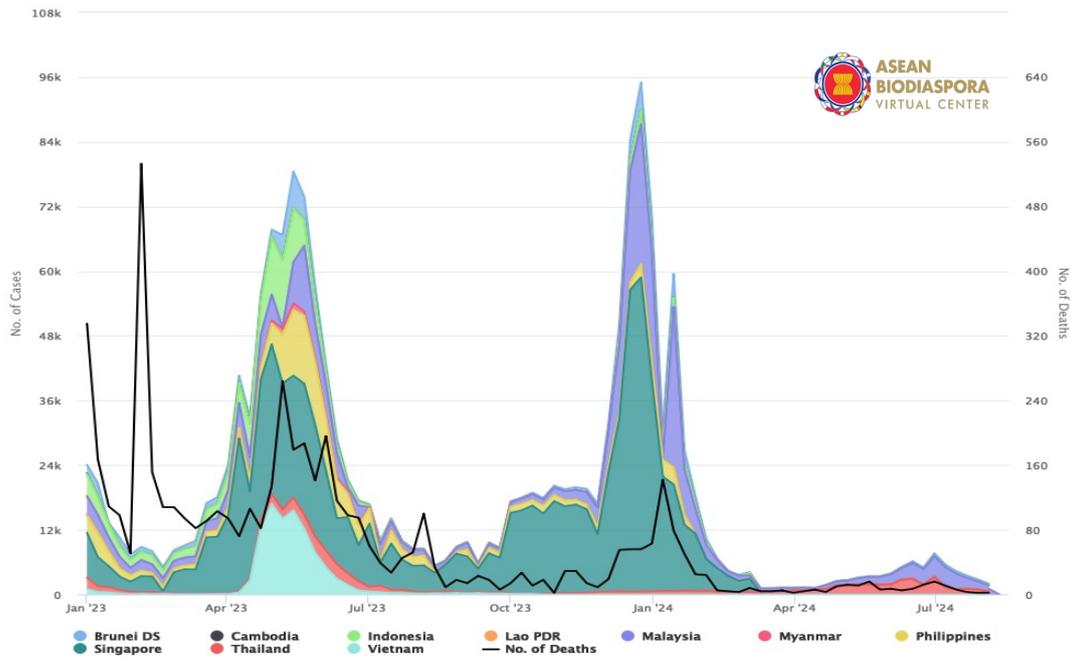
Source: Our World in Data, accessed on September 3, 2024 (<https://ourworldindata.org/monkeypox>)

COVID-19: Highlights and Situation Overview

- As of 31 August 2024 (5PM, GMT+7), there were **704,819,592** confirmed cases **worldwide**, including **7,010,806 deaths**. Globally, Case Fatality Rate (CFR) was **1.00%**.
- **37,064,004 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

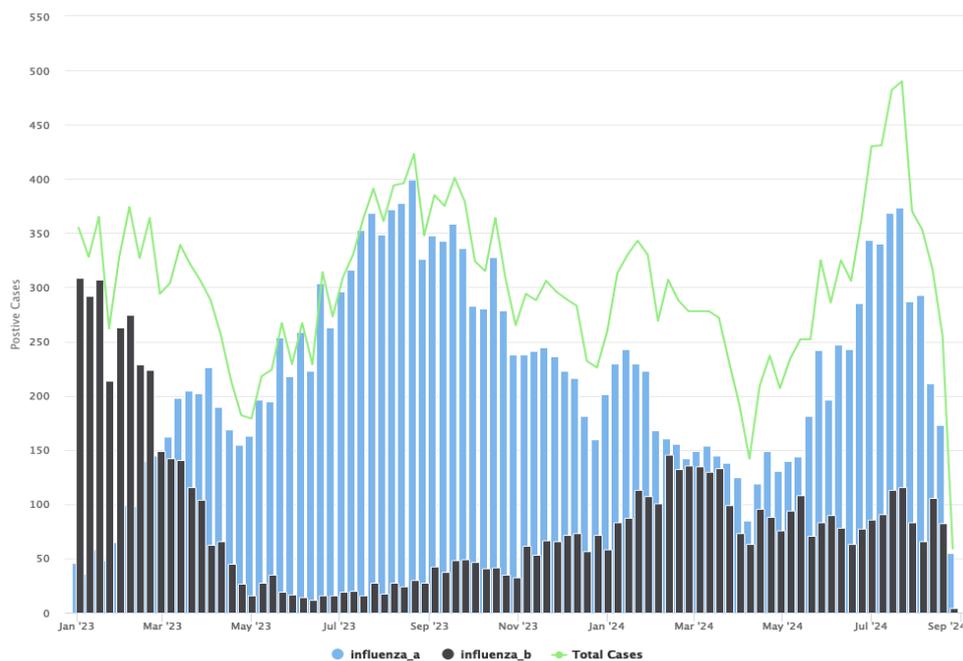
From January 1, 2023 to August 31, 2024



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

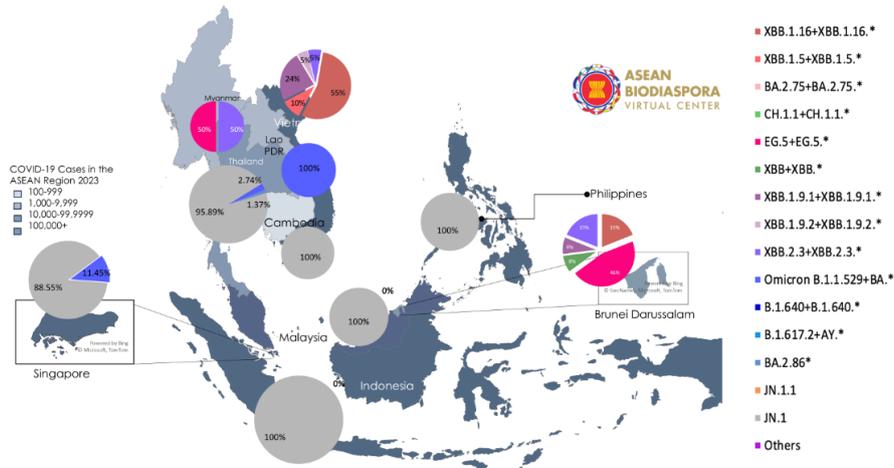
Trends of Influenza Confirmed Cases in the ASEAN region

From January 1, 2023 to August 31, 2024



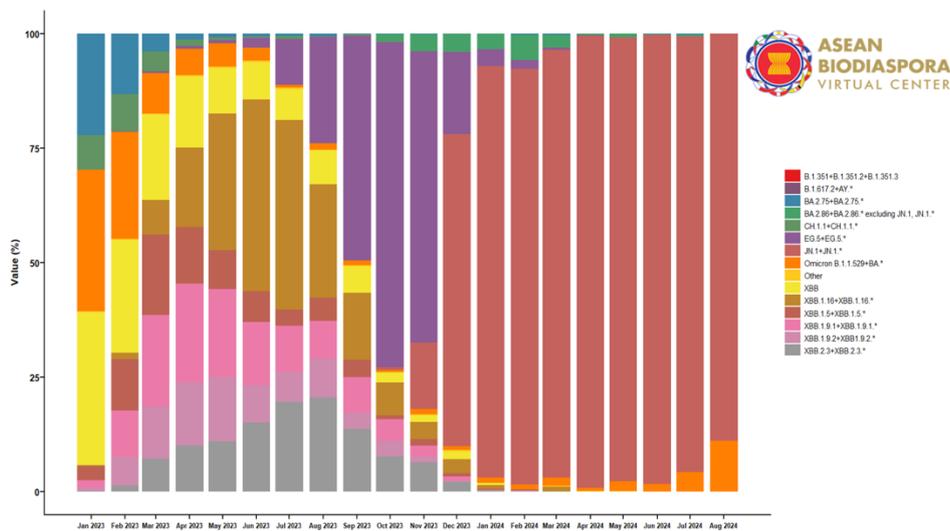
Source: FluNet, accessed on September 3, 2024 (<https://www.who.int/tools/fluinet>)

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



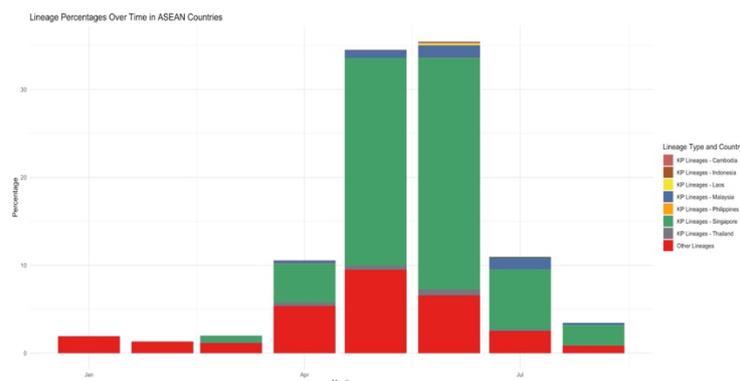
Source: GISAID. "hCoV-19 Variants Dashboard," accessed September 3, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

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



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



Media Monitoring for Emerging Diseases

Epidemiological Week 35 | August 25 – 31, 2024

Global Situation for Emerging Diseases

Mpox

- **Brazil:** The City of Sorocaba has confirmed its 10th case of mpox, a viral zoonotic disease caused by the mpox virus (MPXV) (Marcolino, 2024). A 43-year-old man was diagnosed with mpox, bringing the number of cases to 52 in Sorocaba Region. The epidemiological surveillance group of 33 municipalities recorded 10 cases from July 2022 to August 2024. Sorocaba had the highest number of cases, followed by Votorantim, Itapetininga, Itu, São Roque, Mairinque, Piedade, Alambari, Cerquillo, and Guareí. [[Full article](#)]
- **Burundi** is reporting the highest number of infections, with children and adolescents below 20 years of age constituting nearly 60% of cases (Promed Post, 2024). The country faces a number of challenges such as a shortage of diagnostic test kits and medicines, low community awareness, high operational costs, and disruptions to essential healthcare services. [[Full article](#)]
- The **Democratic Republic of the Congo (DRC):** Kinshasa is facing a rapidly evolving mpox epidemic, with 111 suspected cases, 21 confirmed cases, and 2 deaths (Sante, 2024). The disease has affected seven health zones in Kinshasa, with 548 deaths recorded nationwide. In response, the central executive is mobilizing resources and securing 215,000 doses of vaccines, with support from Africa CDC and the European Union. [[Full article](#)]
- **Gabon:** On August 22, 2024, the first case of mpox was confirmed in Gabon, with six additional cases identified and isolated for treatment (ANINF, 2024). A 30-year-old man from Uganda tested positive for Mpox, prompting the government to urge vigilance and hygiene practices. [[Full article](#)]
- **Malawi** has started screening for mpox at all ports of entry to prevent the spread and potential outbreak of the virus (Bastillepost, 2024). The screening is mandatory, including at international airports, as part of a comprehensive strategy to prevent the spread of the virus. Two individuals, a 31-year-old male currently hospitalized and a 17-year-old boy receiving care at home, are undergoing laboratory testing to confirm whether they have been infected. The country is planning for a worst-case scenario and has set up a mobile diagnostic unit at a hospital in Lilongwe. [[Full article](#)]
- **Mexico:** Sonora Public Health Secretariat confirmed two imported cases of mpox in the state, involving a 46-year-old woman and a 24-year-old man (Meraz, 2024). Both are progressing well and have not required hospitalization. The mpox variant detected in both cases is clade II, which has been circulating worldwide. The epidemiological surveillance system in Sonora allowed for immediate measures to be taken to prevent the spread of the virus. [[Full article](#)]
- **Pakistan:** A new mpox case has been identified at Peshawar Airport in Khyber Pakhtunkhwa, Pakistan (Rahmawati, F., 2024) The individual, who had traveled from Gulf countries to Pakistan, was identified by health teams and transferred to a hospital. [[Full article](#)]



- **Republic of Congo:** The mpox epidemic in Congo-Brazzaville has seen 158 suspected cases and 21 confirmed cases since the beginning of the year (Rfi, 2024). The disease affects five of the fifteen departments, particularly the forest regions of Sangha and Likouala in the north. [[Full article](#)]
- **South Korea** has reported 11 mpox cases this year, all of which were the less deadly Clade II variant (Yonhap, 2024). The latest case was reported last month, and health authorities have bolstered screening at borders to cope with the deadly new variant. The majority of patients were males aged 20-40 in the greater Seoul area, with close skin contact being the primary route of infection. The KDCA believes the outbreak can be managed stably under the current system. [[Full article](#)]
- **Spain:** The Community of Madrid has recorded 162 cases of mpox in 2024, four times the number reported in 2023 (Mdo, 2024). The outbreak began in 2022 and has continued to present in smaller numbers, with most cases diagnosed in 2022. The majority of cases are men, with sexual intercourse being the risk exposure. Since the outbreak began in 2022, 2,800 cases have been reported in the region, with 2,774 confirmed. So far this year, 334 confirmed cases have been registered in Spain, bringing the total to 8,178 since the outbreak began in April 2022. Approximately 19,000 people have been vaccinated. [[Full article](#)]

COVID-19

- **Japan:** Japan's health ministry reported a three-week decrease in new coronavirus cases at designated hospitals, with an average of 8.50 cases per hospital (News, 2024). The total number of patients has decreased to 39,295, representing a 20% reduction from the previous week. Additionally, the number of newly hospitalized patients has decreased by 15% compared to the previous week, with 3,619 individuals admitted. [[Full article](#)]
- **New Zealand** reported 1,294 new COVID-19 cases and 31 deaths, with 795 reinfections (Rnz, 2024). 115 people were hospitalized, with the highest number in Canterbury and Auckland. The previous week saw 1,693 new cases and 28 deaths. [[Full article](#)]
- The **United States (US):** The CDC reports a rise in COVID-19 cases nationwide, including in North Dakota, with over 400 reported cases in the past week (Gregory, 2024). The vaccine is formulated to match the current strains infecting people and is expected to be received in the next couple of weeks. [[Full article](#)]

Ohio has a significant increase in new COVID-19 cases, rising from 8,352 to 10,418 this week (Washington, 2024). This marks the first time since January that the weekly number of cases has surpassed 10,000. The state has also seen an upward swing since early June, with just over 7,000 cases reported last year. The best protection against COVID-19 is the updated vaccine for the 2024-2025 season, which is available in some locations. At least 1,384,882 Ohio residents have received the updated one-dose vaccine, representing 11.8% of the state's population. The total COVID-19 case count since early 2020 in Ohio has reached 3,807,492. The state health department reported an additional 32 deaths from COVID-19, bringing the total to 44,146. [[Full article](#)]



Regional Situation for Emerging Diseases

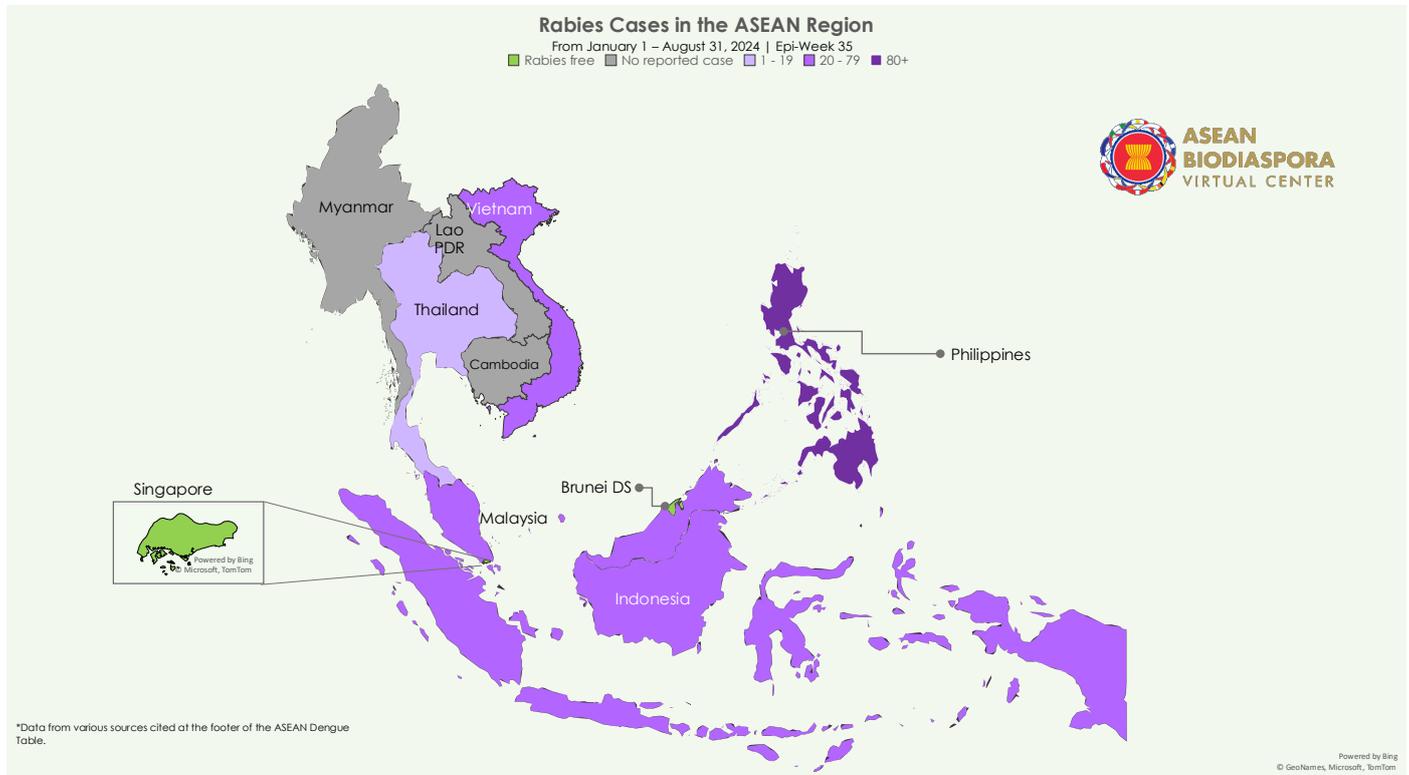
Mpox

- The **Philippines** has confirmed two more milder clade II mpox virus infections, bringing the number of active cases to three (Reuters, 2024). The cases were a 37-year-old male in Metro Manila with a rash and a 32-year-old man from the capital with skin lesions. Since July 2022, the Philippines has had 12 laboratory-confirmed cases. [[Full article](#)]
- **Singapore** has detected 13 cases of mpox Clade 2 infections this year, with all cases in the city state being "less severe" cases which Clade 2 Strain (Britcham, 2024). Singapore is monitoring the global situation and will screen temperatures of travelers at Changi and Seletar airports. [[Full article](#)]

ZOONOSIS

Rabies Cases in the ASEAN Region

From January 1 to August 31, 2024 (Epi-Week 35)



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 September 3, 2024 (<https://portal.bluedot.global/>)
3. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed September 3, 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 35 | August 25 – 31, 2024

Global Situation for Zoonosis

Swine Flu (H1N1)

- The **United States (US)**: Ohio and Pennsylvania have reported new human infections with novel influenza A "variant" viruses (Herriman, R., 2024). In Ohio, an infection with an influenza A (H1N1) variant occurred due to swine exposure at an agricultural event. In Pennsylvania, a patient contracted influenza A (H1N2) variant due to occupational exposure to swine. Both patients, aged 18 and above, were hospitalized but have since recovered. No human-to-human transmission has been identified. [[Full article](#)]

Regional Situation for Zoonosis

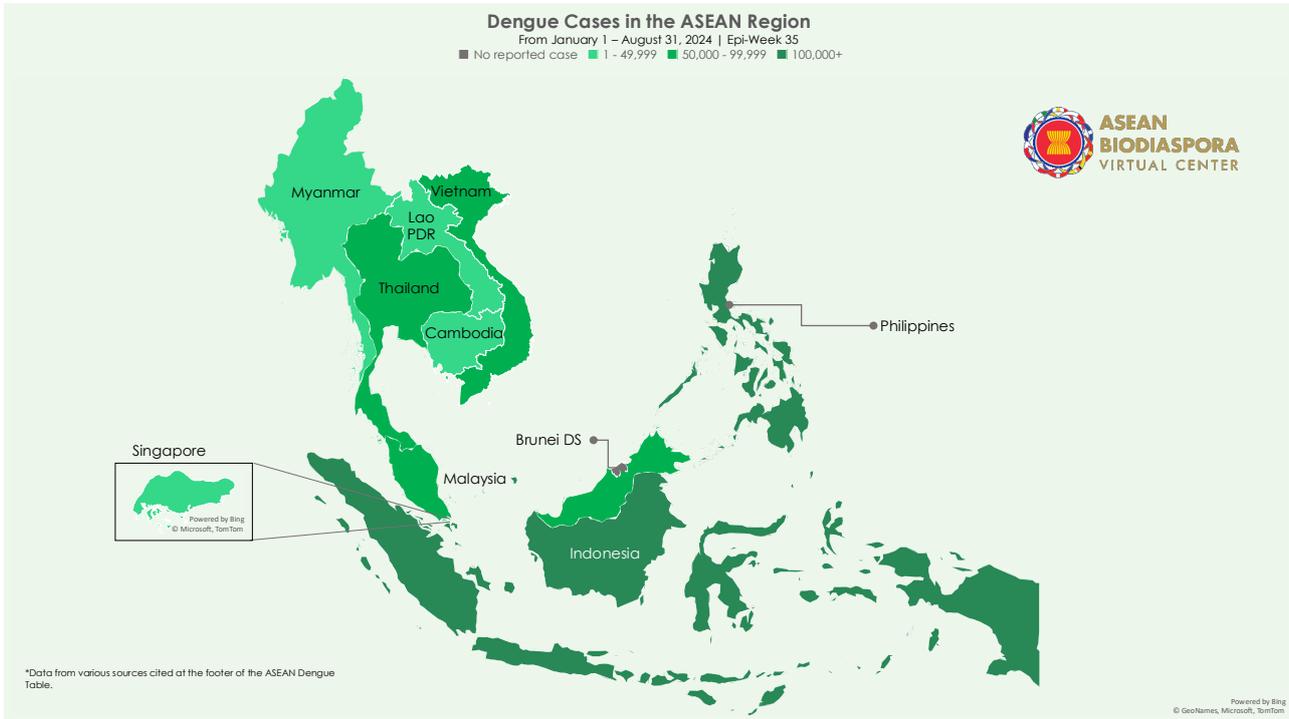
African Swine Fever

- The **Philippines**: The number of active African swine fever (ASF) cases in the Philippines has risen by at least 200 within two weeks, with new confirmed cases in Northern Luzon (Arcalas, J.E., 2024). The Bureau of Animal Industry (BAI) reported 458 barangays in 32 provinces with ASF cases as of August 21, an increase of 207 from the 251 reported on August 8. The Department of Agriculture (DA) attributed the spike in cases to rains and floods exposing buried ASF-infected pigs, resulting in waterway contamination and virus spread. The DA advises the public to ensure farmers to bury ASF-infected dead pigs at least 10 feet deep and cover them with plastic or polyethylene material to protect the water table. [[Full article](#)]

VECTOR-BORNE DISEASES

Dengue Cases in the ASEAN Region

From January 1 to August 31, 2024 (Epi-Week 35)



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 30	166,255	-	1,008	-	0.61%
Lao PDR¹	Week 32	10,376	-	-	-	0.00%
Malaysia¹	Week 32	90,533	-	80	-	0.09%
Myanmar³	Week 27	1,309	-	3	-	0.23%
Philippines³	Week 34	150,354	-	396	-	0.26%
Singapore^{4**}	Week 34	11,315	186	0	0	0.00%
Thailand^{5***}	Week 32	65,382	-	47	-	0.07%
Viet Nam¹	Week 33	57,858	-	9	-	0.02%
Total		563,137	186	1,573	0	0.28%

Source:

1. WHO WPRO, "Dengue," World Health Organization, accessed September 3, 2024 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
2. Ministry of Health, Republic of Indonesia
3. Bluedot Developer Portal, accessed September 3, 2024, (<https://developer-portal.bluedot.global/>).
4. Ministry of Health. "Weekly Infectious Disease Bulletin", accessed September 3, 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 3, 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.

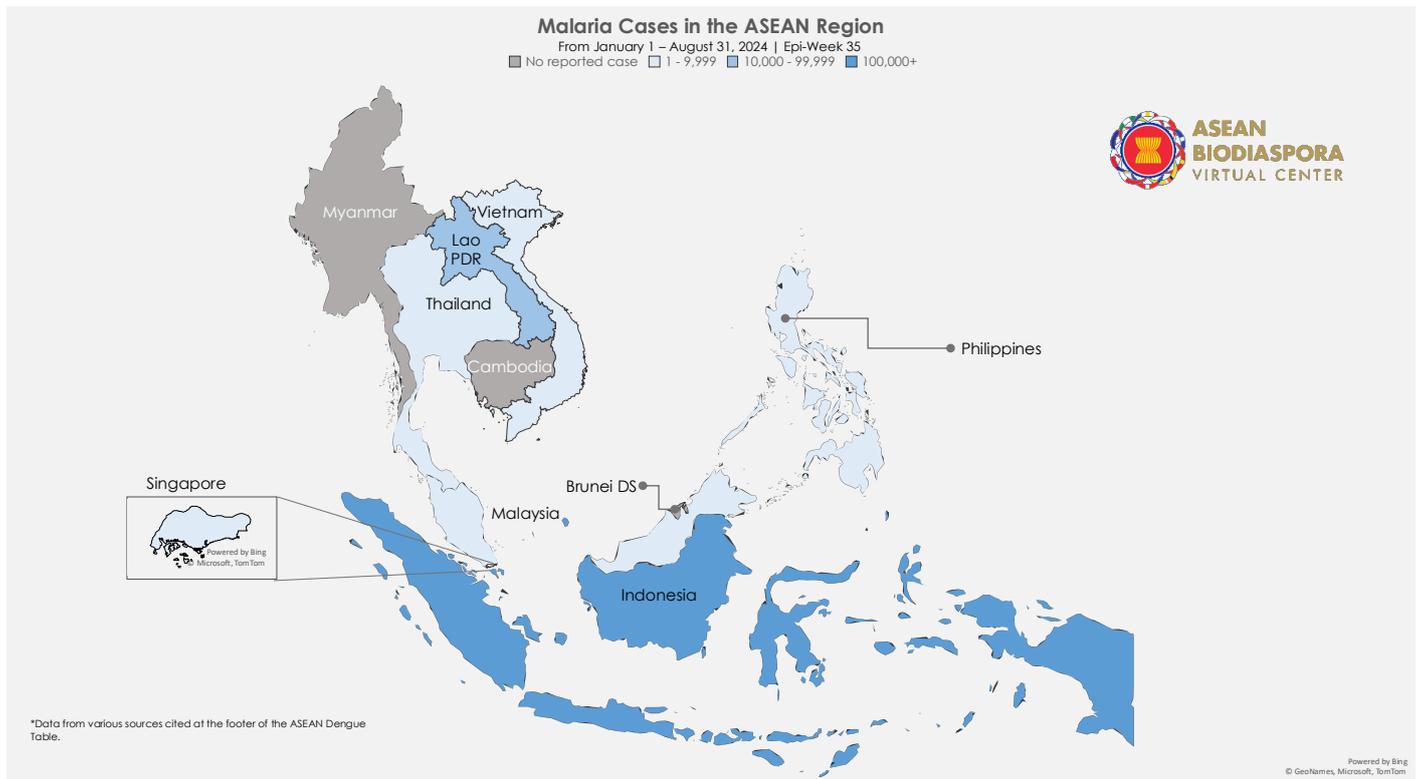
*Notified dengue cases only includes severe cases Dengue Hemorrhagic fever (DHF) and Dengue Shock Syndrome (DSS)

**Notified dengue cases only includes Dengue Fever (DF) and DHF

- The **ASEAN** region reported **186** new dengue cases since the previous report. The region reported **563,137** total cases with **0.28%** CFR.

Malaria Cases in the ASEAN Region

From January 1 to August 31, 2024 (Epi-Week 35)



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 35	418,546	148,683	120	0.03%
Lao PDR²	Week 34	13,139	729	9	0.07%
Malaysia³	Week 30	24	-	-	0.00%
Myanmar	-	-	-	-	-
Philippines³	Week 6	2	-	-	0.00%
Singapore⁴	Week 34	17	3	-	0.00%
Thailand⁵	Week 32	3,187	-	1	0.03%
Viet Nam³	Week 34	160	-	-	0.00%
Total		435,075	149,415	130	0.03%

Source:

1. Malaria Cases in Indonesia, accessed September 3, 2024 (<https://malaria.kemkes.go.id/case>)
2. Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed September 3, 2024 (<https://www.facebook.com/CCEH.MoH.Lao/>)
3. Bluedot Platform, accessed September 3, 2024 (<https://portal.bluedot.global/>)
4. Ministry of Health Singapore, accessed September 3, 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 **149,415** new malaria cases since the previous report. The region reported **435,075** total cases with **0.05%** CFR.



Media Monitoring for Vector-borne Diseases

Epidemiological Week 35 | August 25 – 31, 2024

Global Situation for Vector-borne Diseases

Chandipura Virus

- **India:** Between June and August 2024, India reported 245 cases of acute encephalitis syndrome (AES), including 82 deaths, with 64 confirmed cases of Chandipura virus (CHPV) infection (WHO, 2024). The WHO recommends vector control and protection against sandflies, mosquitoes, and tick bites to prevent further spread. A declining trend in new cases has been observed daily since July 2024. No human-to-human transmission has been reported. [[Full article](#)]

Chikungunya

- **India:** Telangana has reported 152 chikungunya cases this year (Didyala, A., 2024). The cases were confirmed from 2,673 samples tested, indicating chikungunya may be dominating vector-borne diseases in the state. Currently, the state is in the thick of the dengue, malaria, and chikungunya season. [[Full article](#)]
- **France:** Three cases of chikungunya have been announced by the Regional Health Agency of Réunion Island, rekindling memories of the 2005-2007 epidemic (Dornier, P., 2024). The three sick individuals, who have fever and pain similar to dengue fever, are not hospitalized. PCR tests confirm the cases, and they await confirmation from the national reference center, Centre Hospitalier Universitaire (CHU) Nord. [[Full article](#)]

Dengue

- **Bangladesh:** A dengue patient died and 364 others were hospitalized, bringing the total deaths to 79 this year (Report, 2024). The number of cases increased to 11,747, with 6,781 from outside Dhaka. [[Full article](#)]
- **France:** France has reported 10 cases of dengue fever in Sainte-Cecile-les-Vignes, with the first case detected by a healthcare worker on August 14 (Ertürk, 2024). Larviciding operations were conducted by the relevant authorities with the objective of eliminating infected mosquitoes. The total number of autochthonous dengue fever cases in metropolitan France has increased to 16 this year, with 1,031 imported cases identified between May 1 and August 13. [[Full article](#)]
- **India:** Nashik city has experienced a significant increase in dengue cases, with 178 new infections reported between August 15 and 22 (Pawar, 2024). The surge began in June and persisted throughout July, with 434 cases marking the highest monthly total of 2024. [[Full article](#)]

In Odisha dengue cases have reached 2,700, with the majority in Sundergarh district (Sethy, 2024). Out of 70,000 tests performed, there were 2,759 cases confirmed, with Sundargarh having the highest number (865 cases), followed by Khurda (837 cases). Bhubaneswar has seen over 500 cases. [[Full article](#)]



Leptospirosis

- **India:** An unparalleled surge in leptospirosis cases has been observed in Kerala, with 121 confirmed deaths and 102 suspected cases (Fundación iO, 2024). This year, 1,916 cases have been reported, the highest ever. Insufficient prevention and surveillance, along with concerns about doxycycline effectiveness, are contributing to the crisis. Early detection remains crucial to prevent severe complications. [[Full article](#)]

Oropouche Virus

- **Region of the Americas:** As of 20 July 2024, there are 8,078 Oropouche cases confirmed, including two deaths, have been reported across five countries: Bolivia, Brazil, Colombia, Cuba, and Peru (WHO, 2024). Brazil has reported one fetal death and one miscarriage in Pernambuco, as well as four cases of newborns with microcephaly possibly related to OROV infection. The WHO assesses the overall public health risk posed by this virus to be high at the regional level and low at the global level. As of 30 July 2024, five cases of possible vertical transmission have been identified in Brazil, including four cases of stillbirth and one spontaneous abortion. [[Full article](#)]
- The **United States(US):** The CDC reported 21 Oropouche virus cases among US travelers returning from Cuba as of August 16 (Reuters, 2024). Three patients were hospitalized with no deaths reported. The CDC is working with state public health jurisdictions and international partners to detect and monitor transmission. Currently, no specific treatments or vaccines are available for the disease. [[Full article](#)]

Regional Situation for Vector-borne Diseases

Dengue

- **Indonesia:** The Gunungkidul District Health Office, Yogyakarta Province, reported that a 12-year-old boy died of shock after contracting dengue (Yuwono, 2024). The district government conducted fogging and spraying as a response to the case. To date, there have been five deaths out of 916 cases in the province in 2024. [[Full article](#)]

In West Java, Bayu Asih Hospital has treated 818 dengue fever patients from January to August, 2024, with ten reported deaths (Borneonews, 2024). The hospital's director noted that the number of patients treated was relatively high, with a peak in February. The majority of patients diagnosed with dengue fever were adults, with 419 individuals aged 18 or above. The prevalence of male patients is greater than that of female patients. [[Full article](#)]

Bangka District is facing an outbreak of dengue fever, with around 17 cases reported in the last four weeks of 2024 (Agusari, 2024). The Disease Control and Environmental Health urges public to check children for symptoms and to take them for medical treatment. [[Full article](#)]

- The **Philippines** senator has filed a resolution to investigate the alarming rise in reported dengue cases this year, citing a 39% increase in cases nationwide (Business World, 2024). As of August 10, 2024, the Department of Health has reported a total of 150,354 cases since the beginning of the year, with 396 deaths thus far. The agency attributes this increase to the rainy season. The Health Secretary is set to declare a dengue outbreak after cases reach outbreak levels. Provinces like Iloilo, Capiz, and Ormoc City have already declared outbreaks due to the significant rise in cases. [[Full article](#)]

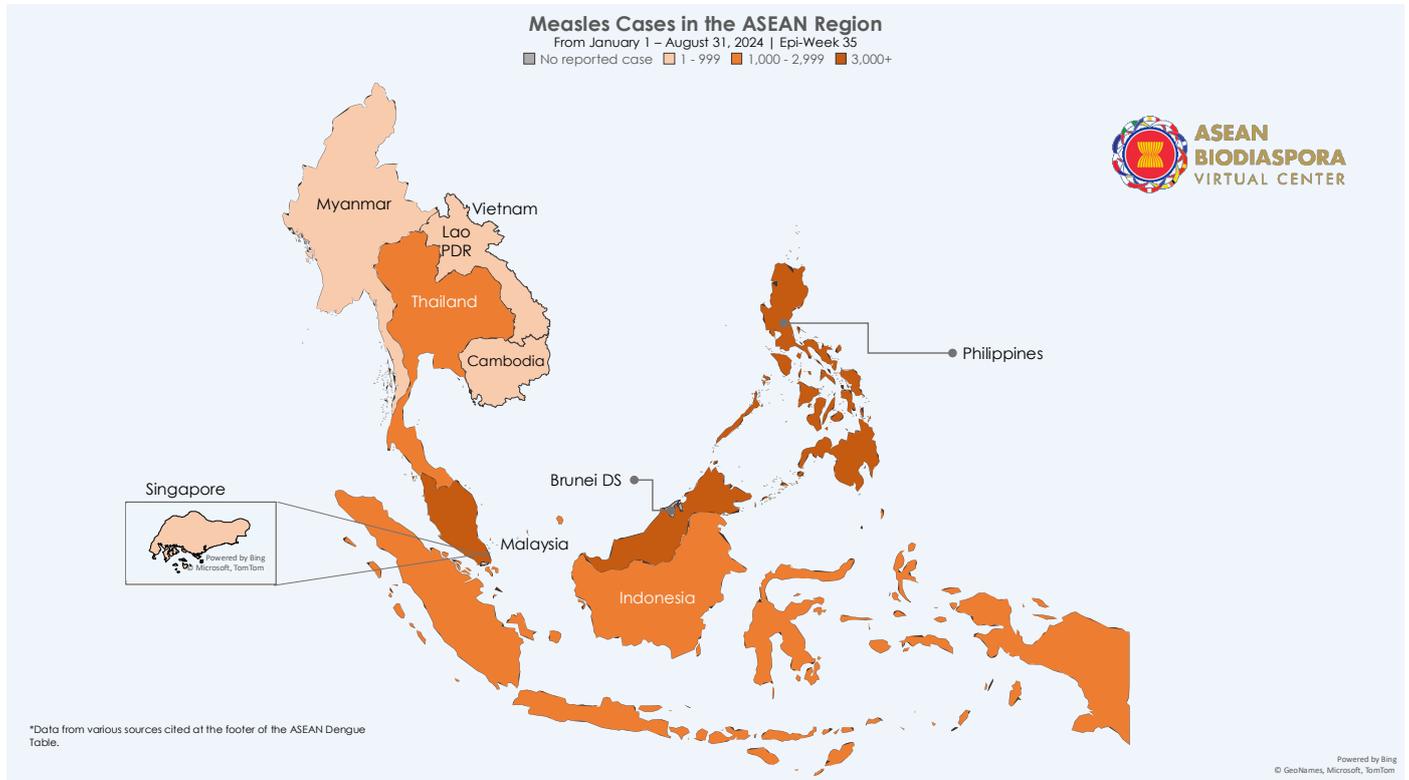


- **Vietnam:** The Hanoi Center for Disease Control (CDC) reported 234 cases of dengue fever in 28 districts, a 59% decrease from 2023 (Vietnam.vn, 2024). The city has recorded 104 outbreaks, 34 of which are active. The Hanoi CDC is monitoring active cases and outbreaks, focusing on environmental hygiene and mosquito larvae eradication. [[Full article](#)]

VACCINE-PREVENTABLE DISEASES

Measles Cases in the ASEAN Region

From January 1 to August 31, 2024 (Epi-Week 35)



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	-	1	0.05%
Viet Nam ⁵	Week 35	919	174	3	0.33%
Total		10,646	174	7	0.07%

Source:

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

- The **ASEAN** region reported **174** new measles cases since the previous report. The region reported **10,646** total cases with **0.07%** CFR.



Media Monitoring for Vaccine-Preventable Diseases

Epidemiological Week 35 | August 25 – 31, 2024

Global Situation for Vaccine-Preventable Diseases

Measles

- **Russia:** A measles outbreak has been discovered in the Arkhangelsk region, affecting 171 people (Skorodumov, 2024). The first case is a local resident born in 1968 who had not been vaccinated against the disease. Of the 171 persons identified as contacts, of which 41 required vaccinations, including 39 adults and 2 children. Based on epidemiological indications, 37 people were vaccinated, while 4 were not. The vaccination coverage rate in the outbreak area was 90.2%. In 2023, over 12,000 people contracted the disease, the highest number in the last 29 years. [[Full article](#)]
- **South Africa:** Between week 1 and week 33 of 2024, there are 178 laboratory-confirmed measles cases reported in South Africa, primarily in Gauteng province (nicd, 2024). The last case in Sedibeng district was reported in week 30 after vaccination campaigns. Sporadic cases were reported in several districts. [[Full article](#)]
- The **United States (US):** Minnesota has confirmed 36 measles cases in 2024, making it the second worst year for the highly infectious and vaccine-preventable disease in the past 25 years (Olson, 2024). Most cases are among unvaccinated children in the state's Somali community. About one-third of the cases this year have required hospitalization, with one was an adult. The start of school, along with the Islamic Association of North America's annual convention on September 1 and the Minnesota Muslim Convention on September 14, raises the risk of spreading the virus. [[Full article](#)]

Pertussis

- **Canada:** Whooping cough cases in Canada are on the rise, with some provinces reporting significant increases compared to pre-pandemic averages (Alberga, H., 2024). Quebec has reported over 11,670 cases this year, a significant increase from the annual average of 562 cases between 2015 and 2019. Ontario has seen 470 cases this year, while Toronto and Ottawa have reported 99 and 76 cases respectively. [[Full article](#)]
- The **United States(US):** Pertussis, or whooping cough, is increasing in Southeast Alaska, with 14 reported cases since July (Larson, C., 2024). The region has seen an increase in cases across the states, with over 165 reported since January. Vaccinations and precautions are crucial for maintaining overall health, as they help keep the immune system ready. The bacterial infection is most dangerous for young children and babies under one year old, and can be more dangerous for those with pre-existing health conditions. [[Full article](#)]



Regional Situation for Vaccine-Preventable Diseases

Measles

- **Vietnam:** Ho Chi Minh City People's Committee has declared a measles outbreak due to a rapid increase in cases (VNA, 2024). The Department of Health is coordinating with relevant agencies to implement measures for preventing and controlling the spread of measles, including vaccination. Local healthcare facilities have been instructed to provide timely treatment and report cases and outbreaks. The city will launch a campaign for the supplementary measles vaccination of all children between 1 and 5 years of age. [[Full article](#)]

Pertussis

- The **Philippines:** Pertussis cases decreased nationwide from 131 cases in July 2021 to 19 in August 2024, according to the Department of Health (Ombay, 2024). However, four regions experienced an increase in cases in the past six weeks. In 2024, 3,827 cases have been recorded, 13 times higher than the previous year. The Department of Health has issued a code blue alert and established a Public Health Emergency Operations Center. [[Full article](#)]



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

Epidemiological Week 35 | From January 1 to August 31, 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%	418,546	120	0.03%	1,033	0	0%
Lao PDR	10,376	0	0%	13,139	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	11,315	-	0.00%	17	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%	919	174	0.33%
ASEAN Region	563,137	1,573	0.28%	435,075	130	0.03%	10,646	7	0.07%



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