

ASEAN Biodiaspora Virtual Center

Morbidity and Mortality Weekly Report Infectious and Emerging Diseases

GLOBAL & ASEAN REGION

August 7, 2024 | MMWR 2024-31
Epidemiological Week 31



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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

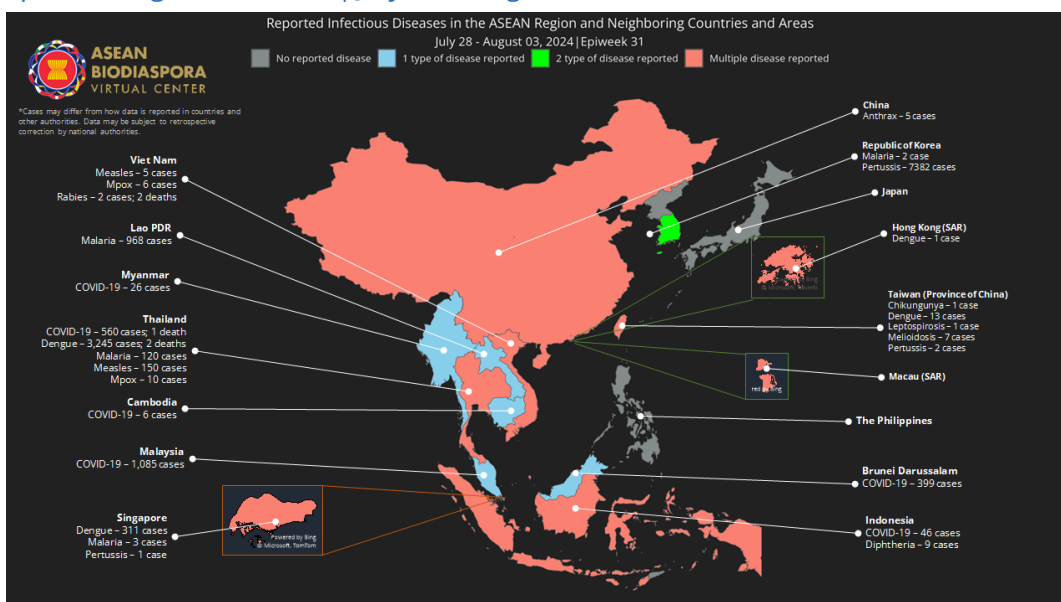
- Three poultry farm workers in Colorado, US, have tested positive for avian influenza (H5N1), bringing the total number of human cases to 14.
- A total of 148 cases of Acute Encephalitis Syndrome (AES) have been reported in Gujarat, Madhya Pradesh, Rajasthan and Maharashtra, with 51 confirmed cases of Chandipura virus, resulting in 59 deaths.
- COVID-19 cases are increasing in India, Japan, and the US, with Japan facing its 11th wave due to the "KP.3" variant evading antibodies, leading to increased hospitalizations.
- Bangladesh and Sri Lanka have seen a spike in dengue cases, with Sri Lanka reporting 32,183 cases with 13 deaths and Bangladesh reporting 669 cases with 57 deaths.
- Purulia district, West Bengal, India, reported 166 cases of malaria. South Korea reported 367 cases across the country, with 13 districts in Seoul designated as high-risk areas for malaria.
- Victoria has reported the most cases of mpox in Australia, with 83 cases. Hong Kong is investigating two confirmed cases, and Hawaii has confirmed its fifth, advising high-risk groups to get vaccinated.
- Kerala reported that 16 of 58 contact samples of a boy who died of Nipah virus tested negative. A fever survey was conducted in 8,376 houses in the epicenter.
- Two women in Brazil have died from the unknown Oropouche virus, which is spread by mosquito bites.
- Pune district, India has reported nine new zika cases, bringing the total to 48.
- The United States has reported 188 measles cases this year, more than triple the total from last year.
- Pertussis outbreaks have been reported worldwide in Australia, Canada, France, Taiwan, and the US.

ASEAN Region

- A four-year-old boy in southeast Cambodia was confirmed as a case of H5N1 bird flu, raising the number of cases to eight since the start of 2024.
- COVID-19 cases have surged in Brunei Darussalam, Cambodia, Indonesia, Malaysia, and Myanmar.
- The surge of dengue is reported in six AMS (Cambodia, Indonesia, Malaysia, the Philippines, Singapore, and Thailand).
- Gunung Kidul, Indonesia reported 16 leptospirosis cases without death in the last six months.
- Indonesia, Lao PDR, Malaysia, the Philippines, Singapore, and Viet Nam reported new malaria cases.
- The Center for Tropical Diseases in Viet Nam is treating nearly 40 children with whooping cough, including a critically ill child who requires a ventilator.
- Rabies in Viet Nam has caused 56 human deaths from January to July, a 45% year-on-year increase.

Reported Infectious Diseases in the ASEAN Region and Neighboring Countries

Epidemiological Week 31 | July 28 - August 3, 2024



Source: AMS Official Sources, [Worldometer](#), [WHO](#), [Our World in Data](#), and [Bluedot Platform](#), accessed on August 6, 2024

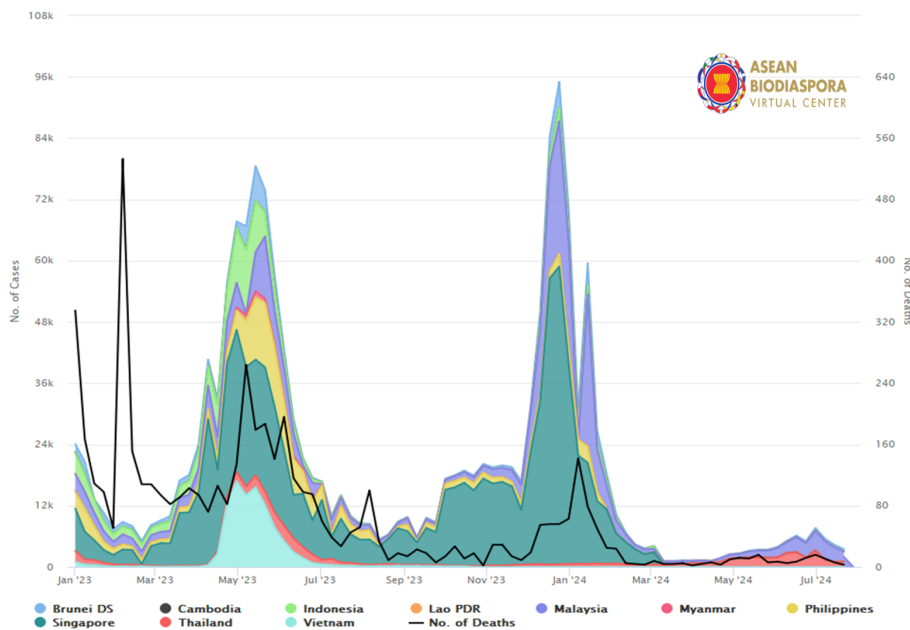
EMERGING DISEASES

COVID-19: Highlights and Situation Overview

- As of 03 August 2024 (5PM, GMT+7), there were **704,813,319** confirmed cases **worldwide**, including **7,010,799 deaths**. Globally, Case Fatality Rate (CFR) was **1.00%**.
- **37,057,731 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

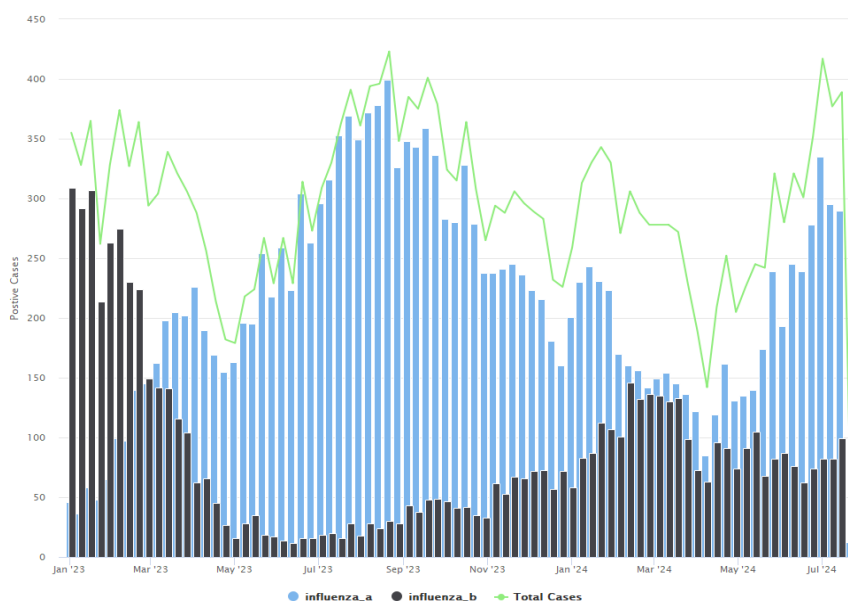
From January 1 to August 3, 2024



Source: [Singapore Government](#), [Worldometer](#), and [the WHO](#), accessed on August 6, 2024

Trends of Influenza Confirmed Cases in the ASEAN region

From January 1 to August 3, 2024

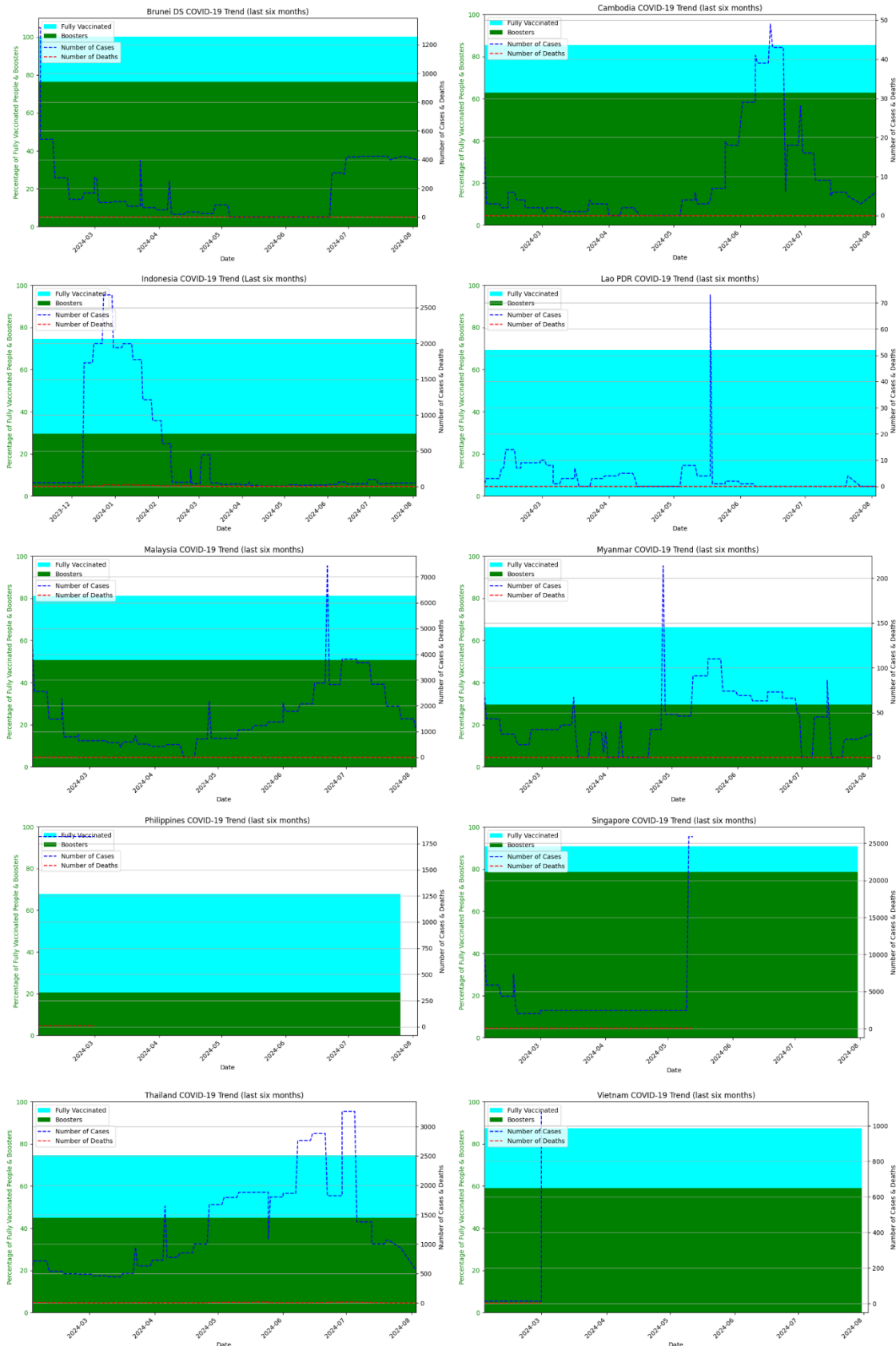


Source: FluNet, accessed on August 6, 2024 (<https://www.who.int/tools/fluNet>)



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

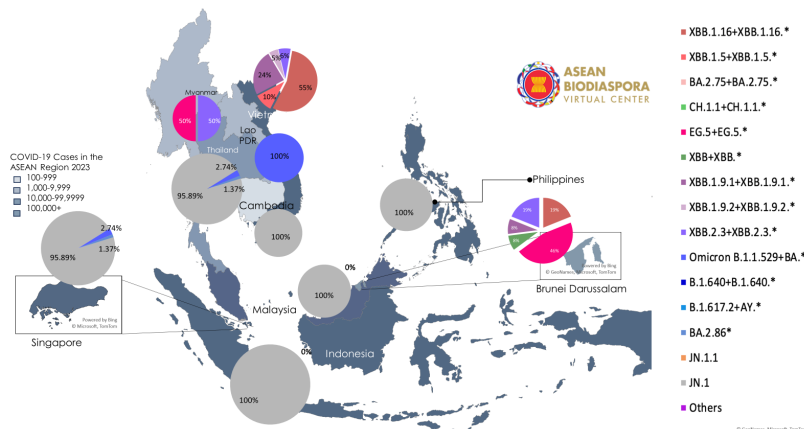
From January 27, 2024 to August 3, 2024



Source: AMS Official Sources, [Worldometer](#), [Our World In Data](#), and [WHO](#), accessed on August 6, 2024

COVID-19 Variants Frequencies Among the ASEAN Member States

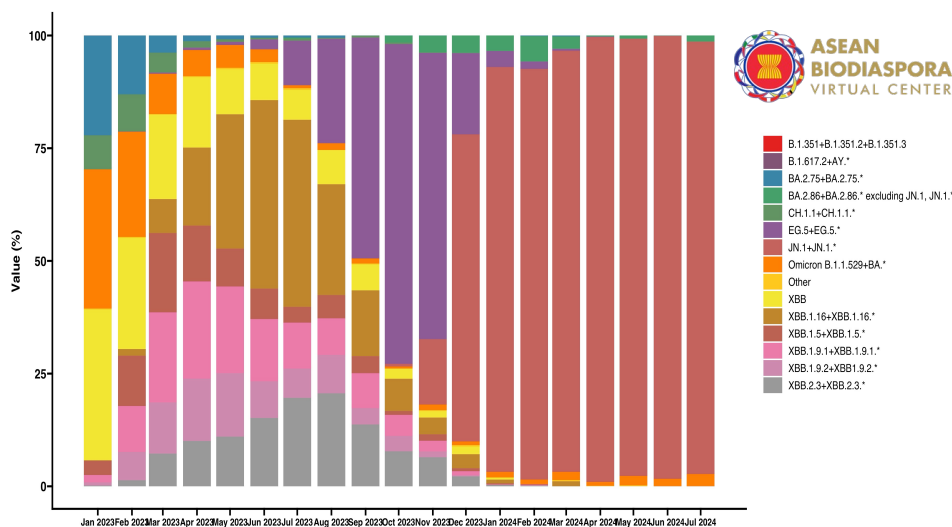
In July 2024



Source: GISAID. "hCoV-19 Variants Dashboard," accessed August 6, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

COVID-19 Variants Frequencies in the ASEAN Region

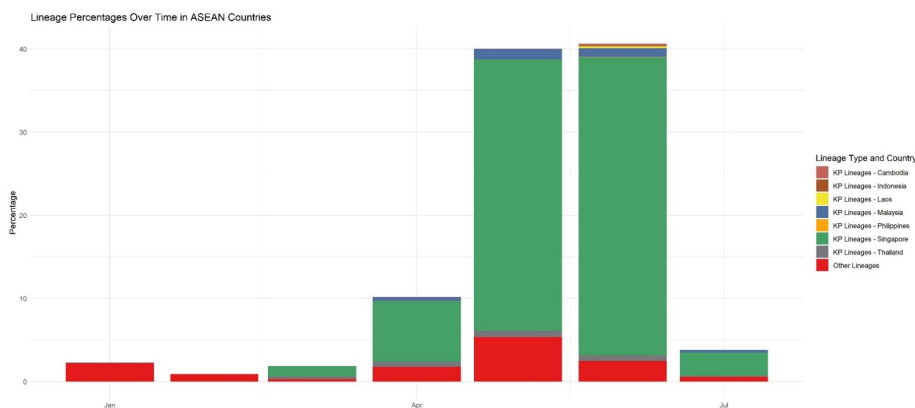
From January 2023 to July 2024



Source: GISAID. "hCoV-19 Variants Dashboard," accessed August 6, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

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

From January 2024 to July 2024

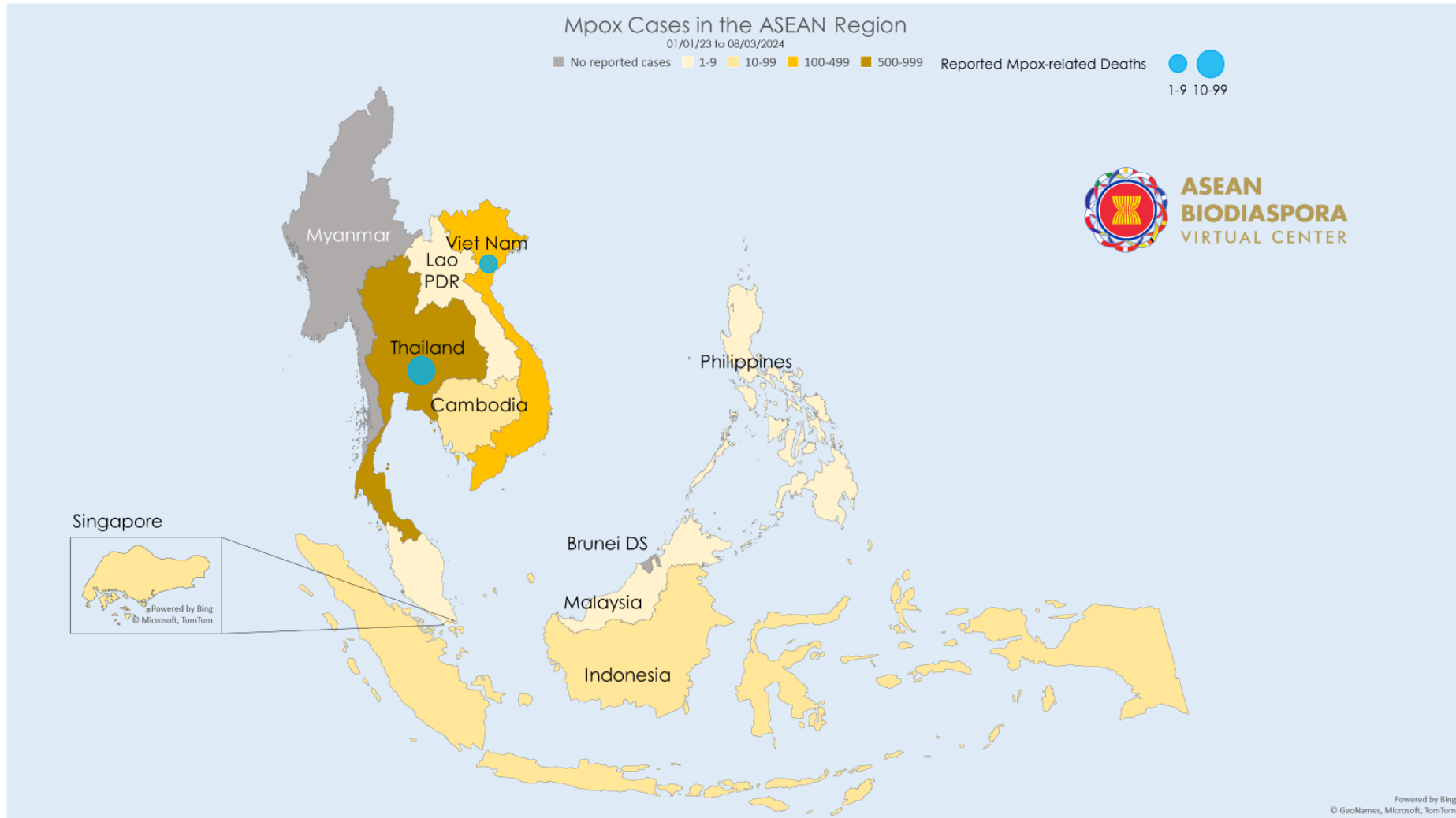


Source: GISAID. "hCoV-19 Variants Dashboard," accessed on August 6, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)



Mpox Cases Reported in the ASEAN Region

January 1, 2023 – August 3, 2024



Source:

1. Ministry of Health Republic of Indonesia
2. EBS Bluedot (Accessed on August 6, 2024)
3. Ministry of Health Singapore, accessed August 6, 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 3 August 2024, **16,433** confirmed cases worldwide since 2023, including **152** deaths. Globally, the CFR was **0.92 %**.
- **1151 confirmed cases** including **18 deaths** in the **ASEAN** region, with a CFR of **1.56%**.
- **15,282 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. 3, 2024)

ASEAN Member States	Cumulative Cases 2023-2024	New Cases Since Previous Report	Cumulative Deaths 2023-2024	CFR
Cambodia¹	13	0	0	0.00%
Indonesia²	88	0	0	0.00%
Lao PDR¹	1	0	0	0.00%
Malaysia¹	9	0	0	0.00%
Philippines¹	5	0	0	0.00%
Singapore³	42	0	0	0.00%
Thailand¹	793	10	10	1.26%
Viet Nam¹	200	6	8	4.00%
ASEAN Total	1,151	16	18	1.56%

Source:

1. IBS Bluedot, accessed on August 6, 2024 (<https://portal.bluedot.global>)
2. Ministry of Health Republic of Indonesia, accessed on August 6, 2024 (<https://infeksiemerging.kemkes.go.id/>)
3. Ministry of Health Singapore, accessed on August 6, 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. 3, 2024)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
United States of America	3,100	225	9	0.29%
Democratic Republic of Congo	2,825	899	10	0.35%
People's Republic of China	2,462	60	1	0.04%
Thailand	793	10	10	1.26%
Brazil	701	0	2	0.29%

Source: Edouard Mathieu, Fiona Spooner, Saloni Dattani, Hannah Ritchie and Max Roser (2022) - "Mpox (monkeypox)". Published online at OurWorldInData.org. Retrieved from: '<https://ourworldindata.org/monkeypox>' [Online Resource]

Mpox cases per region (Jan. 1, 2023 to Aug. 3, 2024)

REGIONS	CUMULATIVE CASES	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	3,153	969	20	0.63%
AMERICAS	6,071	338	89	1.47%
ASEAN	1,151	16	18	1.56%
ASIA & OCEANIA	4,286	196	20	0.47%
EUROPE	1,772	98	5	0.28%
TOTAL	16,433	1,617	152	0.92%

Source: Our World in Data, accessed on August 6, 2024 (<https://ourworldindata.org/monkeypox>)



Media Monitoring for Emerging Diseases

Epidemiological Week 31 | July 28 – August 03, 2024

Global Situation for Emerging Diseases

COVID-19

- **India:** Health authorities in Chhatrapati Sambhajnagar, India, have reported seven new COVID-19 cases, raising the total to nine (TNN, 2024). Only one patient is hospitalized, while the remaining eight are under home isolation. Test samples of the new cases will be sent to the National Institute of Virology in Pune. Health authorities urge the public to follow earlier precautions, including hand hygiene and avoiding public places. [[Full article](#)]
- **Japan** is experiencing another wave of novel coronavirus infections, with new cases surging nationwide (The Asahi Shimbun, 2024). The current 11th wave of infections could surpass last summer's ninth wave, potentially becoming the largest outbreak since the legal status of COVID-19 was reclassified as a Class V contagious disease along with seasonal flu. The new variant, "KP.3," is at the center of the outbreak, as it easily evades antibodies from previous infections and vaccinations. As of March, over 60% of people had antibodies indicating past infection, with Tokyo and Okinawa Prefecture exceeding 70%. New outbreaks occur in winter and summer, with increasing hospitalizations and critically ill patients treated in ICUs. [[Full article](#)]
- The **United States (US):** COVID-19 is spreading across the US, with an increase in infections on the West Coast (Terry, 2024). The virus thrives in hot conditions, and the federal Centers for Disease Control and Prevention (CDC) is tracking outbreaks in about 40 states, including Oregon. In Oregon, nearly 15% of people who tested positive for COVID-19 over the past week had the virus, a high rate for this time of year. The Oregon Health Authority's data shows that the virus has been on the rise since April. [[Full article](#)]

Mpox

- **Australian** authorities have issued a warning to limit sexual partners and get vaccinated amid a surge in mpox cases (Mascarenhas, 2024). The virus is spread through prolonged contact with someone with mpox. Victoria is experiencing the largest outbreak, with 83 cases, while New South Wales and Queensland have 43 and 17 cases respectively. [[Full article](#)]
- **Hongkong:** The Centre for Health Protection (CHP) of the Department of Health (DH) is investigating two confirmed mpox cases in Hong Kong (Gov HK, 2024). The first case involved a 42-year-old male patient with underlying illness and a 28-year-old male with good past health. Both patients are in stable condition and are being investigated by the CHP. No epidemiological linkages have been identified between the cases. The CHP is urging public vigilance and advising high-risk target groups to receive mpox vaccination. [[Full article](#)]
- The **United States (US):** The Hawaii Department of Health has confirmed another case of mpox, bringing the total number of cases diagnosed in the state to five (Tsai, 2024). The latest case, a nonresident diagnosed in Honolulu, was confirmed to be mpox clade II, the strain responsible for a global outbreak that began in 2022. The Department of Health is advising anyone at elevated risk of mpox infection to consider being vaccinated with two doses of the JYNNEOS vaccine. [[Full article](#)]



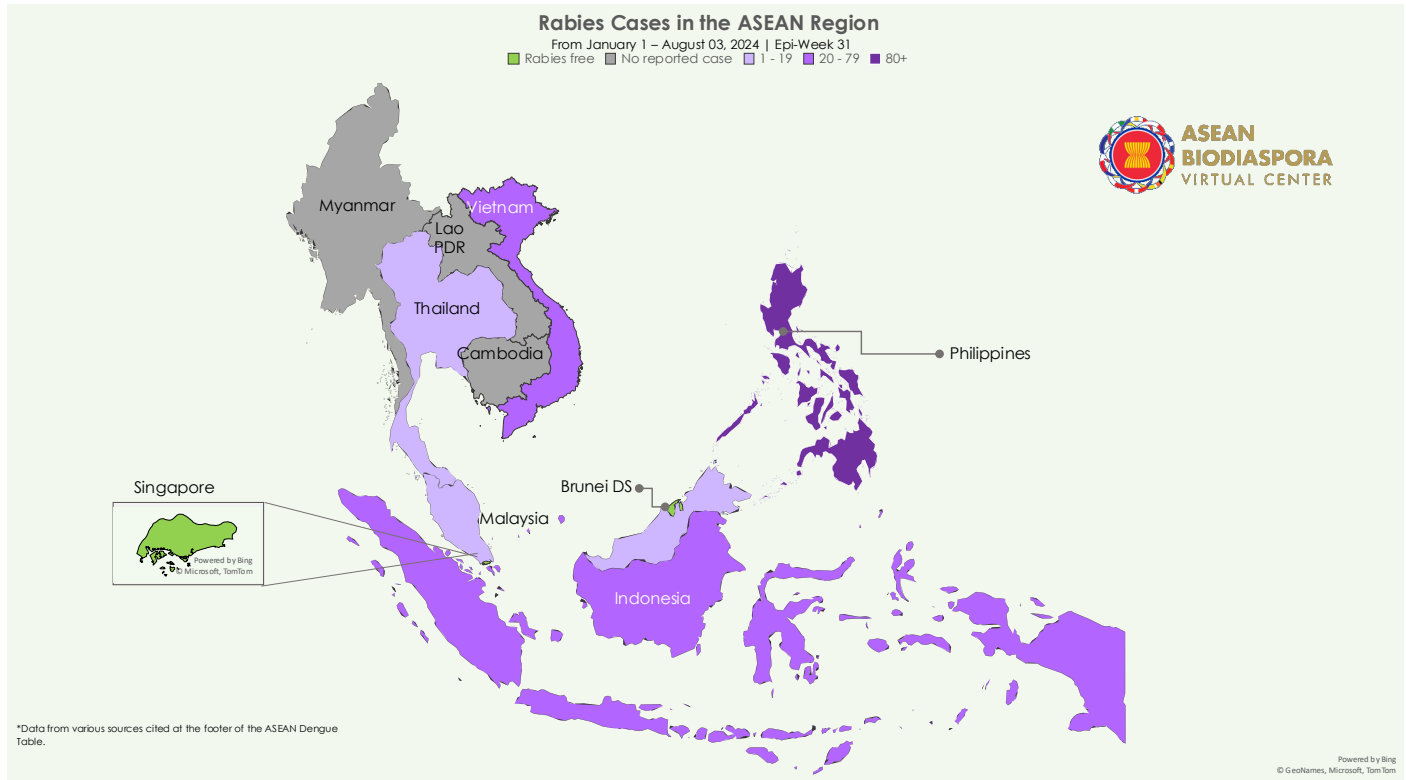
Nipah

- **India:** Kerala Health Minister confirmed that 16 people who came into contact with a boy who died from the Nipah virus in Malappuram have returned negative results (KG, S., 2024). The boy was undergoing treatment for the infection. The health minister noted that there are 472 people on the contact list, with 21 admitted to hospitals in Manjeri and Kozhikode medical colleges. A fever survey was conducted across 8,376 houses in Pandikkad and Anakkayam panchayats in Malappuram, with 26,431 houses surveyed so far. [[Full article](#)]

ZOONOSIS

Rabies Cases in the ASEAN Region

From January 1 to August 03, 2024 (Epi-Week 31)



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 26	68	6	68	100%
Lao PDR	-	-	-	-	-
Malaysia²	Week 24	79	-	79	100%
Myanmar	-	-	-	-	-
Philippines²	Week 22	169	-	169	100%
Singapore			<i>Rabies-free country</i>		
Thailand³	Week 28	1	0	1	100%
Viet Nam²	Week 31	56	2	56	100%
Total		373	8	373	100%

1. Ministry of Health, Republic of Indonesia
 2. Bluedot Platform, accessed August 6, 2024 (<https://portal.bluedot.global/>)
 3. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed August 6, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **8** new rabies cases since the previous report. The region reported **373** total cases with **100%** CFR.



Media Monitoring for Zoonosis

Epidemiological Week 31 | July 28 – August 03, 2024

Global Situation for Zoonosis

Avian Influenza (H5N1)

- The **United States (US)**: Three more bird flu cases have been confirmed in the US, bringing the total to 14 (Owens, N., 2024). The cases were from a Weld County egg farm, unrelated to the previous six cases. The virus has been spreading rapidly across the Asia-Pacific region. [[Full article](#)]

Regional Situation for Zoonosis

Avian Influenza (H5N1)

- **Cambodia**: A four-year-old boy in southeast Cambodia has been confirmed as a case of H5N1 bird flu, raising the number of cases to eight since the start of 2024 (Xinhua, 2024). The boy, who lives in Romeas Haek District, has symptoms of fever, cough, dyspnea, and drowsiness. Health authorities are investigating the source of the infection and examining suspected cases or people in contact with the victim to prevent an outbreak. [[Full article](#)]

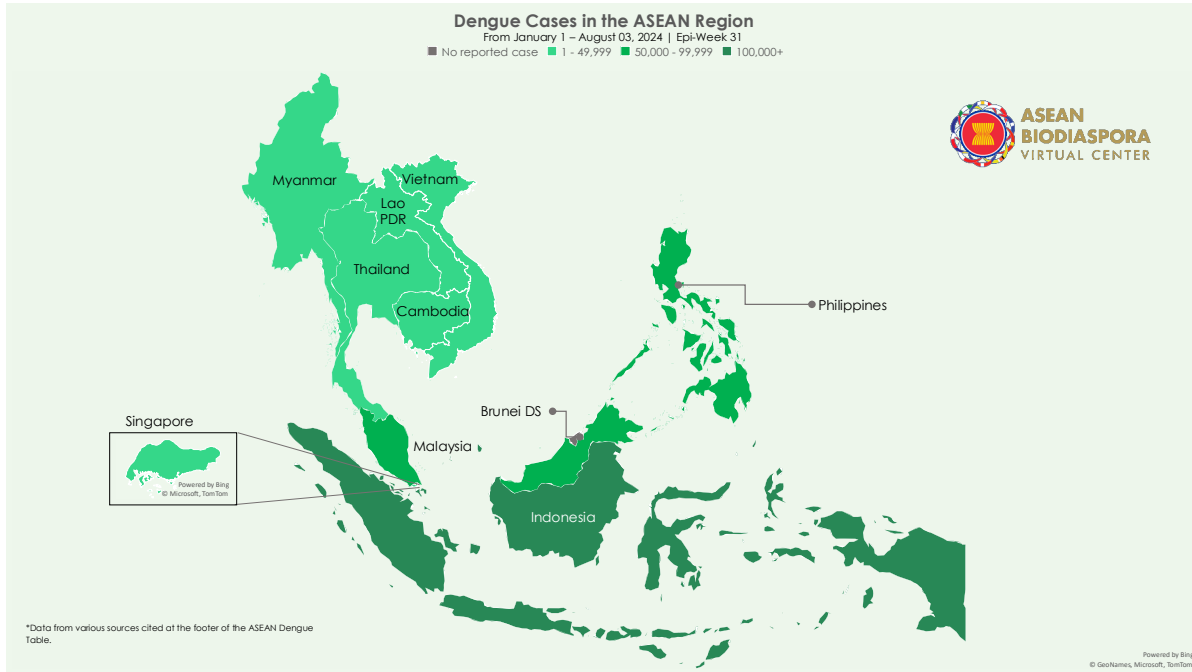
Rabies

- **Indonesia**: Five children in Padang Panjang city, West Sumatra province have been bitten by dogs with unknown whereabouts (Top Sumbar, 2024). The information went viral on social media, with the public being asked to be vigilant. Head of Animal Husbandry and Animal Health at the Padang Panjang City Food and Agriculture Office confirmed the circulating information and conducted field raids in all sub-districts. He suggested the public take persons bitten by rabid dogs to the nearest hospital or health center. He advised people to recognize the dog's characteristics, color, size, and whether it is wearing a collar to help find the suspected dogs. [[Full article](#)]
- **Viet Nam**: Rabies in Viet Nam has caused 56 human deaths across 29 provinces and cities from January to July, a 45% year-on-year increase (Tuoi Tre News, 2024). The main cause of rabies deaths is the failure to get vaccinated immediately after being bitten, scratched, or having an open wound licked by a cat or dog. Epidemiological investigations show most cases do not receive vaccination, and some children do not tell their parents about their dog bites, missing out on preventive treatment and succumbing to rabies. The Department of Animal Health reports 58% vaccination coverage in dogs, but many provinces have below 30%. The health ministry plans to impose sanctions for dog and cat owners who fail to vaccinate their pets or allow them to roam freely. [[Full article](#)]

VECTOR-BORNE DISEASES

Dengue Cases in the ASEAN Region

From January 1 to August 03, 2024 (Epi-Week 31)



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 27	7,058	-	24	-	0.34%
Indonesia^{2*}	Week 30	166,255	1,582	1,008	82	0.61%
Lao PDR¹	Week 28	6,653	-	-	-	0.00%
Malaysia³	Week 28	80,441	-	65	-	0.08%
Myanmar⁴	Week 27	1,309	-	3	-	0.23%
Philippines⁴	Week 29	90,119	-	233	-	0.26%
Singapore^{5**}	Week 30	10,421	311	0	0	0.00%
Thailand^{6***}	Week 29	53,372	3,245	39	2	0.08%
Viet Nam¹	Week 29	39,940	-	3	-	0.01%
Total		455,568	5,138	1,375	84	0.30%

1. WHO WPRO, "Dengue," World Health Organization, accessed August 6, 2024 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
 2. Ministry of Health, Republic of Indonesia
 3. Disease Control Division, Ministry of Health Malaysia, accessed August 6, 2024. (https://www.moh.gov.my/index.php/database_stores/store_view/17)
 4. Bluedot Developer Portal, accessed August 6, 2024, (<https://developer-portal.bluedot.global/>).
 5. Ministry of Health. "Weekly Infectious Disease Bulletin", accessed August 6, 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 August 6, 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 **5,138** new dengue cases since the previous report. The region reported **455,568** total cases with **0.30%** CFR.

Malaria Cases in the ASEAN Region

From January 1 to August 03, 2024 (Epi-Week 31)



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 14	754	-	7	0.93%
Lao PDR²	Week 31	9,694	968	8	0.08%
Malaysia¹	Week 10	24	-	0	0.00%
Myanmar¹	-	-	-	-	-
Philippines¹	Week 6	2	-	0	0.00%
Singapore³	Week 30	14	3	0	0.00%
Thailand⁴	Week 29	2,846	120	1	0.04%
Viet Nam¹	Week 11	141	-	0	0.00%
Total		13,475	1,091	16	0.12%

1. Bluedot Platform, accessed August 6, 2024 (<https://portal.bluedot.global/>)
2. Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed August 6, 2024 (<https://www.facebook.com/CCEH.MoH.Lao/>)
3. Ministry of Health Singapore, accessed August 6, 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 August 6, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **1,091** new malaria cases since the previous report. The region reported **13,475** total cases with **0.12%** CFR.



Media Monitoring for Vector-borne Diseases

Epidemiological Week 31 | July 28 – August 03, 2024

Global Situation for Vector-borne Diseases

Chandipura Virus

- **India:** In June and July, 51 confirmed cases of the Chandipura virus were reported, mainly from Gujarat State, according to data from the Union Health Ministry (Express News Service, 2024). The ministry reported that at least 148 cases of the AES were reported in June and July in the states of Gujarat (140 cases), Madhya Pradesh (4 cases), Rajasthan (3 cases), and Maharashtra (1 case). Of the 148, 59 have died, resulting in a fatality rate of 40%. [[Full article](#)]

Chikungunya

- **France:** A person in France has been infected with chikungunya, a mosquito-borne virus, after being bitten by one of its tiger mosquitoes (AFP, 2024). The virus has been increasing in mainland France for nearly 20 years due to global warming. Since the start of surveillance, nine imported cases of chikungunya have been recorded in mainland France. The European Commission authorized the first vaccine against chikungunya, called Ixchiq, in June. [[Full article](#)]
- **Italy:** A woman has contracted Chikungunya, leading to an extraordinary disinfection in the city (Fusaro, 2024). The Ulss 3 Serenissima Municipality has announced interventions in progress, starting from via Cici and affecting a wider area. The health office has scheduled an urgent intervention to prevent the outbreak in the city. Larvicidal interventions has been conducted from July 30 to August 1, 2024, starting at 5 am. Citizens are asked to allow access to Triveneta Multiservizi company operators for treatment and removal of larval outbreaks in private courtyard areas. [[Full article](#)]

Dengue

- **Bangladesh** has recorded 57 deaths from dengue this year, with 669 patients hospitalized across the country (United News of Bangladesh, 2024). The Directorate General of Health Services (DGHS) recorded 321,179 cases and 318,749 recoveries in the past year with 1,705 deaths, making it the deadliest year on record. [[Full article](#)]
- **Sri Lanka:** The National Dengue Control Unit (NDCU) reported 13 deaths and 32,183 cases in 2024, with Western Province being the hardest hit (Ada Derana, 2024). Colombo, Gampaha, Northern, and Sabaragamuwa Provinces have the most cases. NDCU urges the public to take preventive measures. [[Full article](#)]

Malaria

- **India:** The Chief Medical Officer Health (CMOH) of Purulia district has visited primary health centres after 166 people have been detected with malaria (SNS, 2024). The increase in malaria cases this year compared to last year has raised concerns for district officials. The highest number of cases has been reported from the Balarampur block, which has been a concern for the district health department. [[Full article](#)]



- **South Korea's** hot and humid temperatures have led to an increase in malaria cases, with the Korea Disease Control and Prevention Agency reporting 367 cases as of July 30 (Lee, 2024). The surge in cases is attributed to an unusual surge in Seoul, with 13 districts labeled as high-risk areas for malaria. [[Full article](#)]

Oropouche Virus

- **Brazil:** Two women in Brazil died from the unknown oropouche virus, which spreads from mosquito bites. Both were under 30 years old (Medical Xpress, 2024). The symptoms were similar to dengue, another mosquito-borne disease that may be confused with the oropouche virus. [[Full article](#)]

Zika

- **India:** Pune district has reported a sharp rise in Zika cases, with nine new cases reported, raising the total to 48 (Pathare, 2024). Seven cases were reported in the Pune Municipal Corporation area, while the remaining cases are in Wagholi, Pune rural, and Pune Cantonment Board areas. [[Full article](#)]

Regional Situation for Vector-borne Diseases

Dengue

- **Indonesia:** From January to the end of July 2024, there were 1,009 cases of dengue fever in Klaten Regency, Central Java Province, with 31 deaths (Andhika, 2024). This increase is significantly higher than the previous year, with only 229 cases and 10 deaths in 2023. The highest number of deaths occurred in week 17, with five deaths. The disease began to decline in the last five weeks, with only nine cases and zero deaths in week 30. [[Full article](#)]

Balikpapan City, East Kalimantan Province, has seen a 141.9 Incidence Rate per 100,000 population, with a Case Fatality Rate of 0.11% (Heri & Rosadi, 2024). Central Balikpapan District has the highest cases in the 30th week. Gunung Sari Ilir Sub-district has the highest increase in cases, with six cases. [[Full article](#)]

- **Lao PDR:** Over 8,400 people in Lao PDR have been infected with dengue in the first seven months of 2024, with eight deaths (RFA Lao, 2024). This year's infections represent a significant decrease from the 15,851 reported during the same period in 2023. The capital, Vientiane, has the most reported infections, with 2,138 cases and three deaths. Seongong, a southern province, has the second-highest infections with 2,045 cases and three deaths. The number of dengue infections is typically higher in central and southern Lao due to warmer temperatures and higher humidity. [[Full article](#)]
- **Malaysia:** During the 29th Epidemiological Week in Paramaribo, 317 new dengue fever cases were reported, including four deaths, bringing the total to 2,690 cases in epi-week 29 from 2,373 cases in epi-week 28 (Bernama, 2024). The number of hotspot localities in epiweek 28 were 100, with 71 in Selangor, six each in Perak, Kuala Lumpur, and Putrajaya, and four in Negeri Sembilan and Kedah, two in Sabah, and one in Kelantan. The Health Director-General called for regular gotong-royong activities and a monthly 'One Hour Malaysia Clean Up' for a dengue-free environment. [[Full article](#)]



- The **Philippines**: Dengue cases in Benguet Province have surged, with five deaths reported since January (Dumlao, A., 2024). The health department recorded 230 new cases from July 21 to 27, bringing the total to 3,396 this year. La Trinidad recorded the highest number of cases (781 cases), followed by Kabayan (693 cases) and Bakun (38 cases). [[Full article](#)]

The Iloilo Provincial Health Office (IPHO) is urging the public to help in the campaign against dengue as cases in the province continue to rise (Lena, P., 2024). From Jan 1 to July 20 this year, Iloilo had 2,493 cases, including six deaths, an increase of 161% compared to the 956 cases with no deaths in the same period in 2023. The province recorded 440 cases during the 29th monitoring week, compared to over 300 in the 28th week. The IPHO urged the public to observe the 5S strategy: search and destroy mosquito breeding places, secure self-protection, seek early consultation when signs and symptoms occur, say yes to fogging, and stay hydrated. [[Full article](#)]

- **Viet Nam** has recorded over 41,000 cases of dengue fever with five deaths in 2024, according to the Ministry of Health (Rfa, 2024). Ho Chi Minh City has recorded 4,600 cases, while Hanoi has 1,283 cases and 39 outbreaks. On July 31, Ha Tinh CDC reported the first outbreak detected in Ky Anh commune with five cases. [[Full article](#)]

Leptospirosis

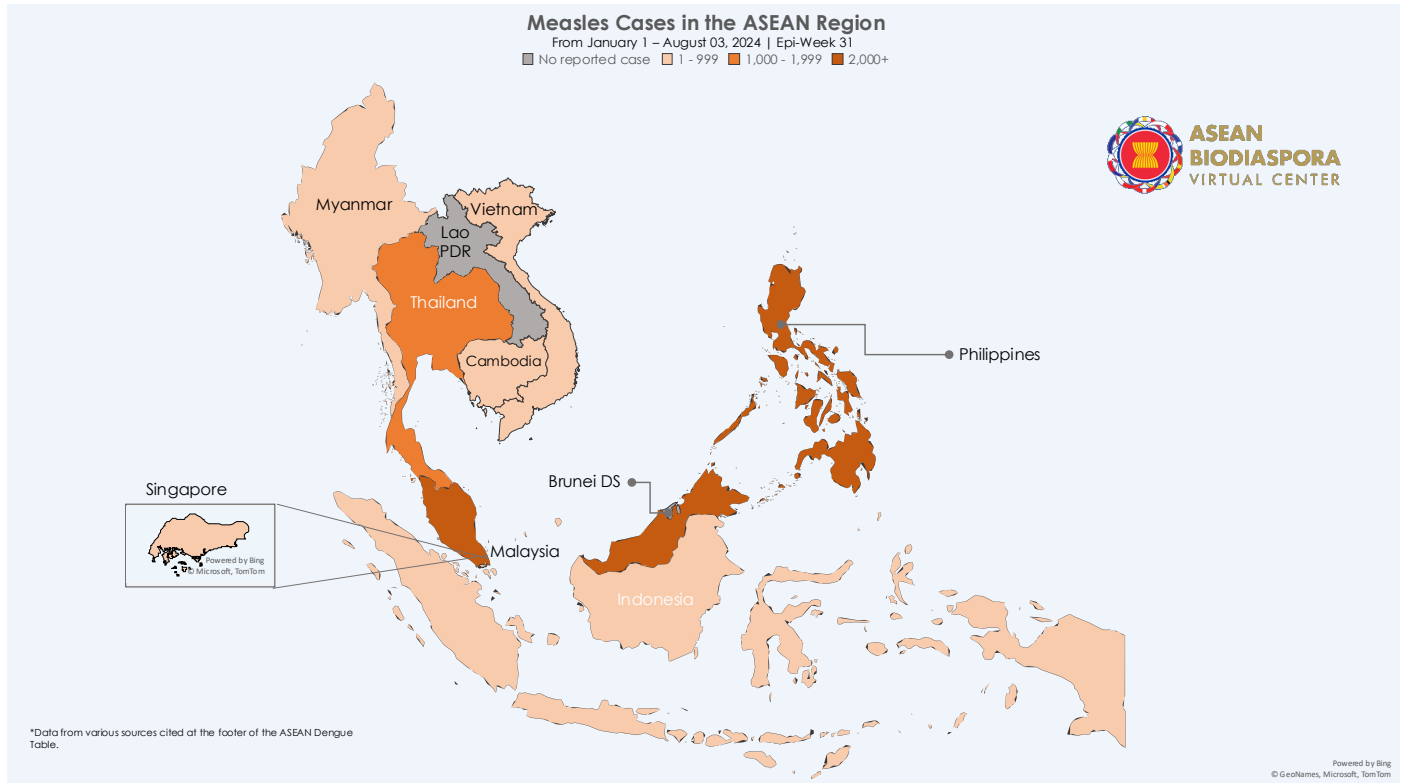
- **Indonesia**: The Gunung Kidul Health Office reported 16 leptospirosis cases without death in the last six months of 2024 (Pramono, A.Y., 2024). The trend of leptospirosis cases has fluctuated over the past few years, with zero deaths recorded in the first semester of 2024. However, since three years ago, there has been an increase in cases, with 16 cases spread across Patuk, Ponjong, Karangmojo, Nglipar, Gedangsari, and Tepus Districts. Farmers are at risk due to their presence in fields and rice fields. [[Full article](#)]

In Ende District, East Nusa Tenggara Province, Rabies-transmitting animal bite cases have increased, with 1200 recorded between January and July 2024 (Wula & Dalima, 2024). Most residents suffered minor injuries, but none died. Three deaths occurred in April and July due to victims not receiving anti-rabies vaccination. The Ende District Health Office is providing appeals and socialization to the community about rabies dangers through existing health centers. [[Full article](#)]

VACCINE-PREVENTABLE DISEASES

Measles Cases in the ASEAN Region

From January 1 to August 03, 2024 (Epi-Week 31)



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 18	4	-	0	0%
Indonesia ²	Week 28	1,033	-	0	0%
Lao PDR	-	-	-	-	-
Malaysia ¹	Week 24	2,008	-	0	0%
Myanmar ¹	Week 22	19	-	0	0%
Philippines ³	Week 24	2,655	-	3	0.11%
Singapore ⁴	Week 29	8	0	0	0%
Thailand ⁵	Week 29	1,585	150	0	0%
Viet Nam ³	Week 31	238	5	0	0%
Total		7,550	155	3	0.04%

- Provisional Measles and Rubella Data, World Health Organization, accessed August 6, 2024 (<https://immunizationdata.who.int/global?topic=Provisional-measles-and-rubella-data&location=>)
- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed August 6, 2024 (<https://developer-portal.bluedot.global/>)
- Ministry of Health Singapore, accessed August 6, 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 6, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **155** new measles cases since the previous report. The region reported **7,400** total cases with **0.04%** CFR.



Media Monitoring for Vaccine-Preventable Diseases

Epidemiological Week 31 | July 28 – August 03, 2024

Global Situation for Vaccine-Preventable Diseases

Measles

- The **United States(US)** has reported 188 measles cases this year, more than triple the total from last year, with 93 hospitalized, mostly children under 5 (Bendix, A., 2024). The country has seen 13 measles outbreaks this year, with the largest in Chicago. This year's tally is the highest since 2019, when the country nearly lost its measles elimination status. [[Full article](#)]

Pertussis

- **Australia:** Western Australia has seen a surge in whooping cough cases, with 271 cases recorded since the start of the year, more than three times the 2023 number (Habertürk, 2024). The disease has caused one death. [[Full article](#)]
- **Canada:** Nunavut's Department of Health has detected 32 whooping cough cases since the start of the outbreak (Nunatsiaq News, 2024). The most recent case was detected on July 20. The outbreak began on March 7 and has been detected in Rankin Inlet, Arviat, and Agnico Eagle's Amaruq gold mine. Children under one are at higher risk. [[Full article](#)]
- **France** has experienced a whooping cough epidemic, resulting in 20 deaths among children and eight adults (Vorarlberg, 2024). The highly contagious viral disease can cause serious complications in babies and be fatal. The epidemic has been increasing in France, Austria, and other countries. French doctors regret that infant vaccination against whooping cough is not yet the norm, while Austria offers free child vaccinations. [[Full article](#)]
- **Taiwan:** Three new cases of whooping cough were reported in northern Taiwan last week, as the Centers for Disease Control (CDC) reported 584 new COVID-19 hospitalizations and 90 deaths (Lee, I., 2024). The cases are from the same family, who began experiencing respiratory symptoms early last month. [[Full article](#)]
- The **United States (US):** Pertussis cases in Wisconsin have more than doubled since the start of the year, with over 200 confirmed cases since the start of the year (Fechner, J., 2024). Although not considered an "outbreak," the steady increase is concerning. Public Health Madison & Dane County has previously called the increase an "outbreak." The Wisconsin Department of Health Services immunization program director advises reviewing vaccination records and getting vaccinated if possible. [[Full article](#)]

Regional Situation for Vaccine-Preventable Diseases

Pertussis

- **Viet Nam:** The Center for Tropical Diseases in Viet Nam is treating nearly 40 children with whooping cough, including a critically ill child who requires a ventilator (Baodautu, 2024). The most recent case is a 24-day-old baby girl in Lang Son City who experienced frequent coughing spells, purple face, and vomiting. After five days of treatment, the child's condition improved, and she is expected to be discharged soon. The number of whooping cough patients has been increasing, with Hanoi recording 200 cases since 2024 in 29 districts, towns, and cities. [[Full article](#)]



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

Epidemiological Week 31 | From January 1 to August 3, 2024

Infectious Diseases	COVID-19			Mpox			Rabies		
	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	84,806	77	0.10%	-	-	-	Rabies-free Country		
Cambodia	872	0	0%	13	0	0%	-	-	-
Indonesia	117,879	1,453	1.26%	88	0	0%	68	68	100%
Lao PDR	1,474	87	6.55%	1	0	0%	-	-	-
Malaysia	287,434	494	0.20%	9	0	0%	79	79	100%
Myanmar	9,239	5	0.06%	-	-	-	-	-	-
Philippines	141,371	1,467	1.04%	5	0	0%	169	169	100%
Singapore	819,481	313	0.04%	42	0	0%	Rabies-free Country		
Thailand	78,208	1,046	2.27%	793	10	0.13%	1	1	100%
Viet Nam	101,828	20	0.02%	200	8	4.19%	44	44	100%
ASEAN Region	1,642,592	4,962	0.32%	1,151	18	0.81%	373	373	100%

Infectious Diseases	Dengue			Malaria			Measles		
	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	-	-	-	-	-	-	-	-	-
Cambodia	7,058	24	0.34%	-	-	-	4	0	0%
Indonesia	166,255	1,008	0.61%	754	7	0.93%	1,033	0	0%
Lao PDR	6,653	0	0.00%	9,694	8	0.08%	-	-	-
Malaysia	80,441	65	0.08%	24	0	0%	2,008	0	0%
Myanmar	1,309	3	0.23%	-	-	-	19	0	0%
Philippines	90,119	233	0.26%	2	0	0%	2,655	3	0.11%
Singapore	10,421	0	0.00%	14	0	0%	8	0	0%
Thailand	53,372	39	0.08%	2,846	1	0.04%	1,585	0	0%
Viet Nam	39,940	3	0.01%	141	0	0%	238	0	0%
ASEAN Region	455,568	1,375	0.30%	13,475	16	0.12%	7,550	3	0.04%



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