

ASEAN Biodiaspora Virtual Center

Morbidity and Mortality Weekly Report Infectious and Emerging Diseases

GLOBAL & ASEAN REGION

July 31, 2024 | MMWR 2024-30
Epidemiological Week 30



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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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Table of Contents

Key Findings	1	Vector-Borne Diseases	10
Reported Infectious Diseases in the ASEAN Region and Neighboring Countries	1	Dengue	10
Emerging Diseases	2	Dengue Cases in the ASEAN Region Map	10
COVID-19	2	Dengue Cases in the ASEAN Region Table	10
COVID-19: Highlights and Situation Overview	2	Malaria	11
ASEAN Weekly COVID-19 Cases and Deaths	2	Malaria Cases in the ASEAN Region Map	11
Trends of Influenza Confirmed Cases in the ASEAN region	2	Malaria Cases in the ASEAN Region Table	11
Trends of COVID-19 Cases, Deaths, and Vaccine Coverage among AMS	3	Media Monitoring for Vector-borne Diseases	12
COVID-19 Variants Frequencies Among the ASEAN Member States	4	Global Situation	12
COVID-19 Variants Frequencies in the ASEAN Region	4	Regional Situation	13
Mpox	5	Vaccine-Preventable Diseases	14
Mpox Cases Reported in the ASEAN Region	5	Measles	14
Mpox Highlights and Situation Overview	6	Measles Cases in the ASEAN Region Map	14
Mpox Cases in the ASEAN Region	6	Measles Cases in the ASEAN Region Table	14
Top 5 Countries with Most Mpox Cases Globally	6	Media Monitoring for Vaccine-Preventable Diseases	15
Mpox Cases per Region	6	Global Situation	15
Media Monitoring for Emerging Diseases	7	Media Monitoring for Other Diseases	16
Global Situation	7	Regional Situation	16
Zoonosis	8	Annex 1. Infectious Diseases in the ASEAN Region in 2023-2024 – Summary Table	17
Rabies	8	References	18
Rabies Cases in the ASEAN Region Map	8		
Rabies Cases in the ASEAN Region Table	9		
Media Monitoring for Zoonosis	9		
Global Situation	9		

Key Findings

Global

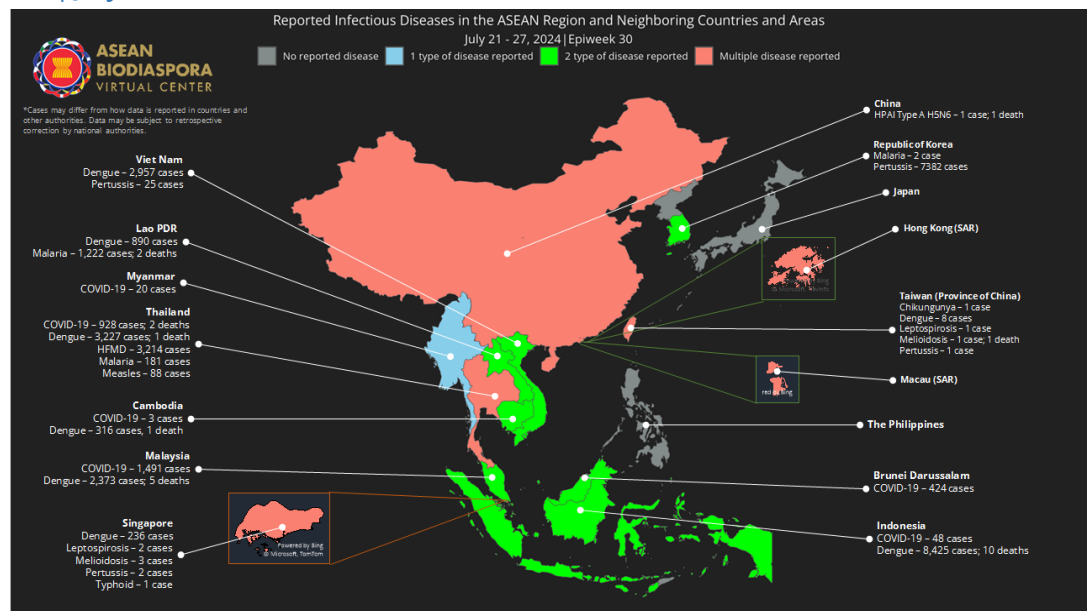
- Two poultry farm workers in Colorado, US, have tested positive for avian influenza (H5N1), bringing the total number of human cases to 11.
- India reported 2,639 cases of Chikungunya from January to July, resulting in three deaths.
- COVID-19 cases are rising in Canada, Greece, Italy, Japan, and the US. A spike in cases of the new FLiRT variant has occurred in Greece over the past 20 days.
- Dengue cases have surged in Bangladesh, India, Iran, and Nepal. The WHO finds Iran's first two local cases unusual due to the vector's presence and movement from endemic areas.
- Kerala, India, is facing a severe leptospirosis outbreak with 1,170 suspected cases and 152 deaths.
- The Seoul Metropolitan Government has issued a Malaria Alert for Gangseo-gu, a district in Korea, following two cluster cases in Yangcheon-gu.
- Taiwan has reported four new mpox cases, bringing the total to 13. In Texas, US, mpox cases have risen to 152, a 76% increase from 85 cases in 2023.
- A 14-year-old boy in Kerala, India, died from Nipah. The National Institute of Virology confirmed the infection, and samples were sent for further analysis.
- In India, Pune has reported two new confirmed Zika cases, bringing the total to 35, including 12 pregnant women. Nagar District has also reported six Zika cases.
- Pakistan reported six measles deaths among children in Matiari, following an epidemic in Shikarpur where 12 children died. Ukraine recorded four measles cases among children in Odessa District, and South Dakota, US, reported its first measles case in nine years.
- New Brunswick, Canada, has reported 36 pertussis cases since mid-June, with a total of 48 in the province. Finland has seen a sixfold increase in pertussis cases, with over 800 reported this year. In the UK, Bristol has the highest number of suspected cases, with over 450 detected.
- China has reported human death of Highly Pathogenic Avian Influenza type A (H5N6).

ASEAN Region

- COVID-19 cases have surged in Brunei Darussalam, Cambodia, Indonesia, Malaysia, and Thailand.
- The surge of dengue is reported in seven AMS (Cambodia, Indonesia, Malaysia, the Philippines, Singapore, and Thailand).
- Lao PDR, Singapore, and Thailand reported new malaria cases.
- New measles cases were reported in Indonesia, Thailand, and Viet Nam.

Reported Infectious Diseases in the ASEAN Region and Neighboring Countries

Epidemiological Week 30 | July 21 - 27, 2024



Source: AMS Official Sources, [Worldometer](#), [WHO, Our World in Data](#), and [Bluedot Platform](#), accessed on July 30, 2024

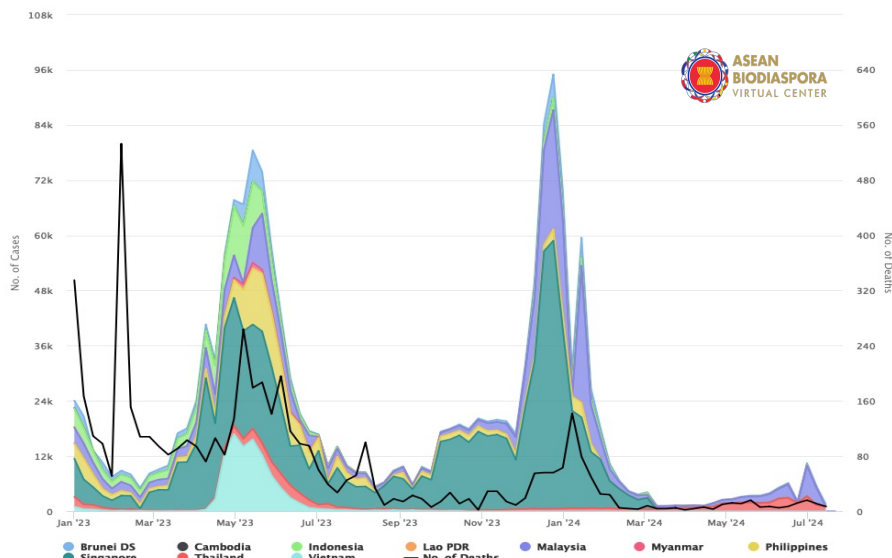
EMERGING DISEASES

COVID-19: Highlights and Situation Overview

- As of 27 July 2024 (5PM, GMT+7), there were **704,811,197** confirmed cases **worldwide**, including **7,010,798 deaths**. Globally, Case Fatality Rate (CFR) was **1.00%**.
- **37,055,609 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

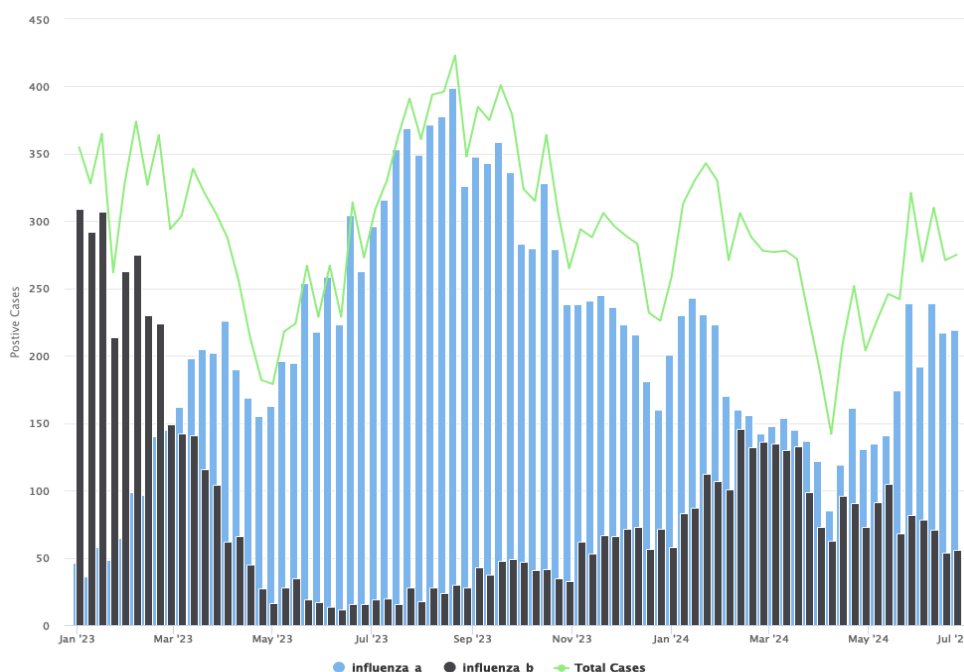
From January 1 to July 27, 2024



Source: [Singapore Government](#), [Worldometer](#), and [the WHO](#), accessed on July 30, 2024

Trends of Influenza Confirmed Cases in the ASEAN region

From January 1 to July 27, 2024

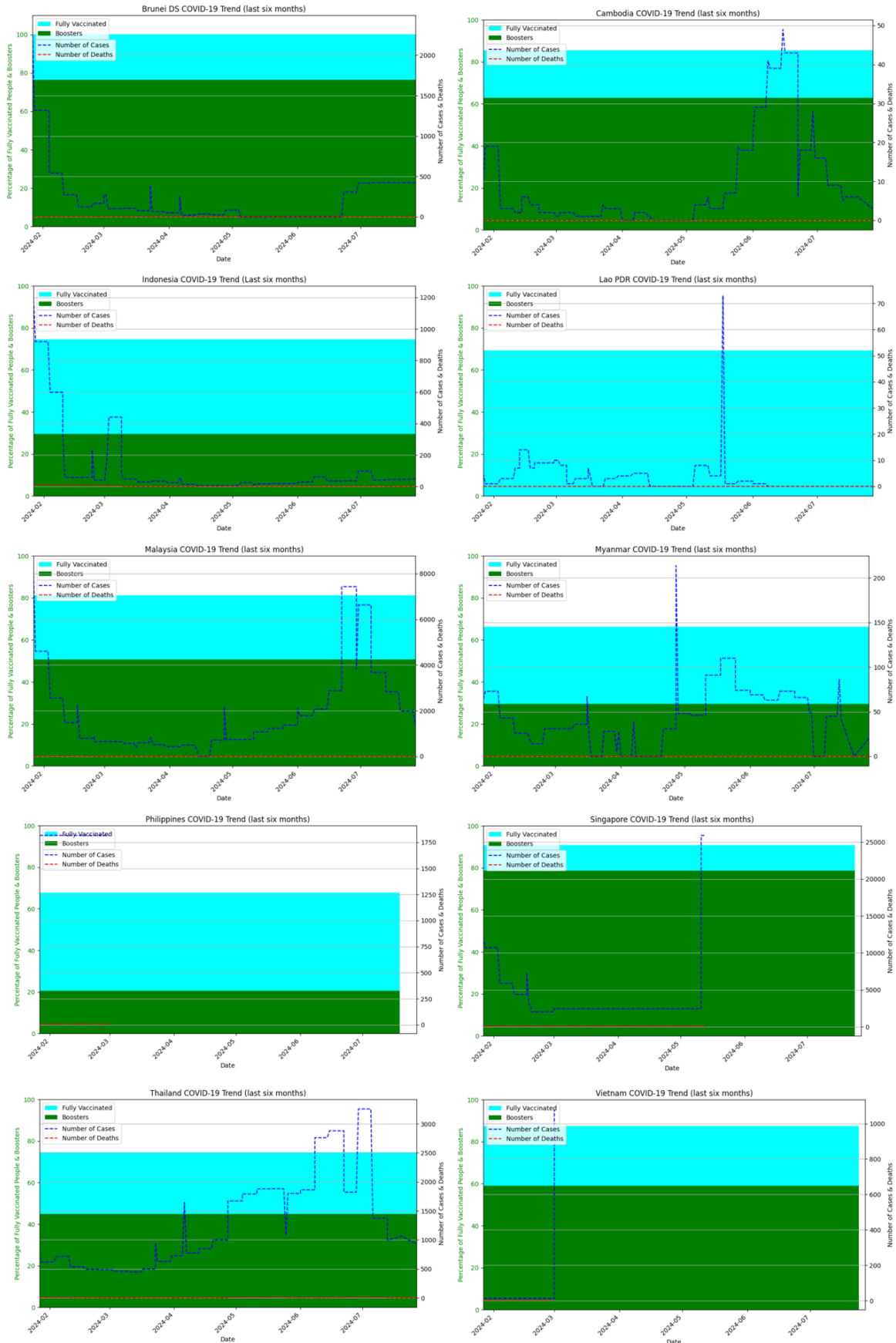


Source: FluNet, accessed on July 30, 2024 (<https://www.who.int/tools/fluNet>)



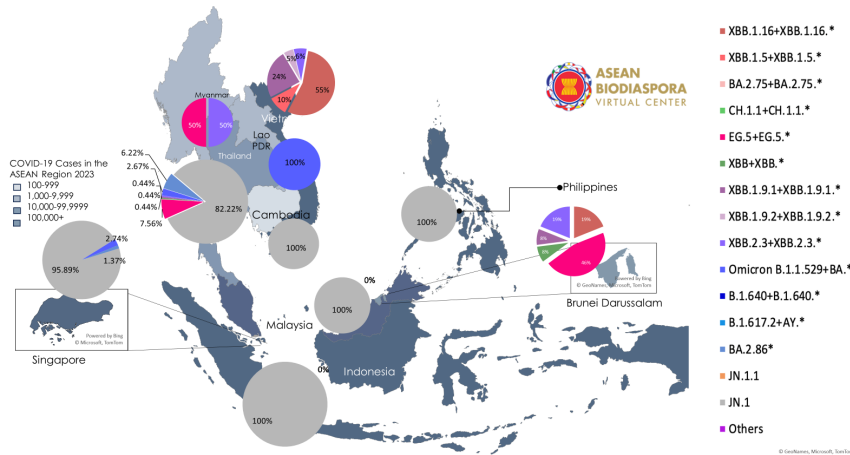
Trends of COVID-19 Cases, Deaths, and Vaccine Coverage among AMS

From January 27, 2024 to July 27, 2024



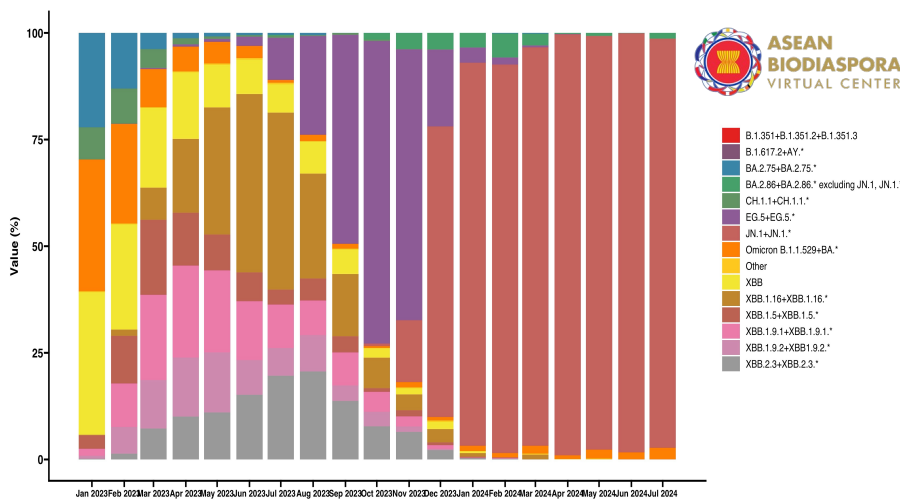
Source: AMS Official Sources, [Worldometer](#), [Our World In Data](#), and [WHO](#), accessed on July 30, 2024

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



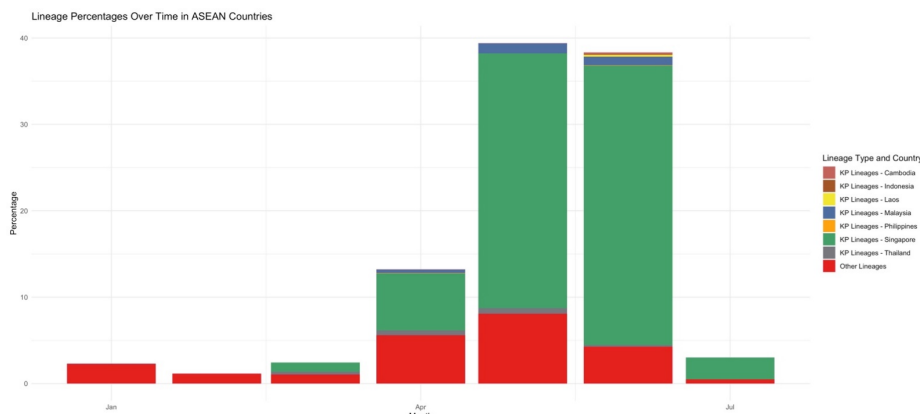
Source: GISAID. "hCoV-19 Variants Dashboard," accessed July 30, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

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



Source: GISAID. "hCoV-19 Variants Dashboard," accessed July 30, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

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

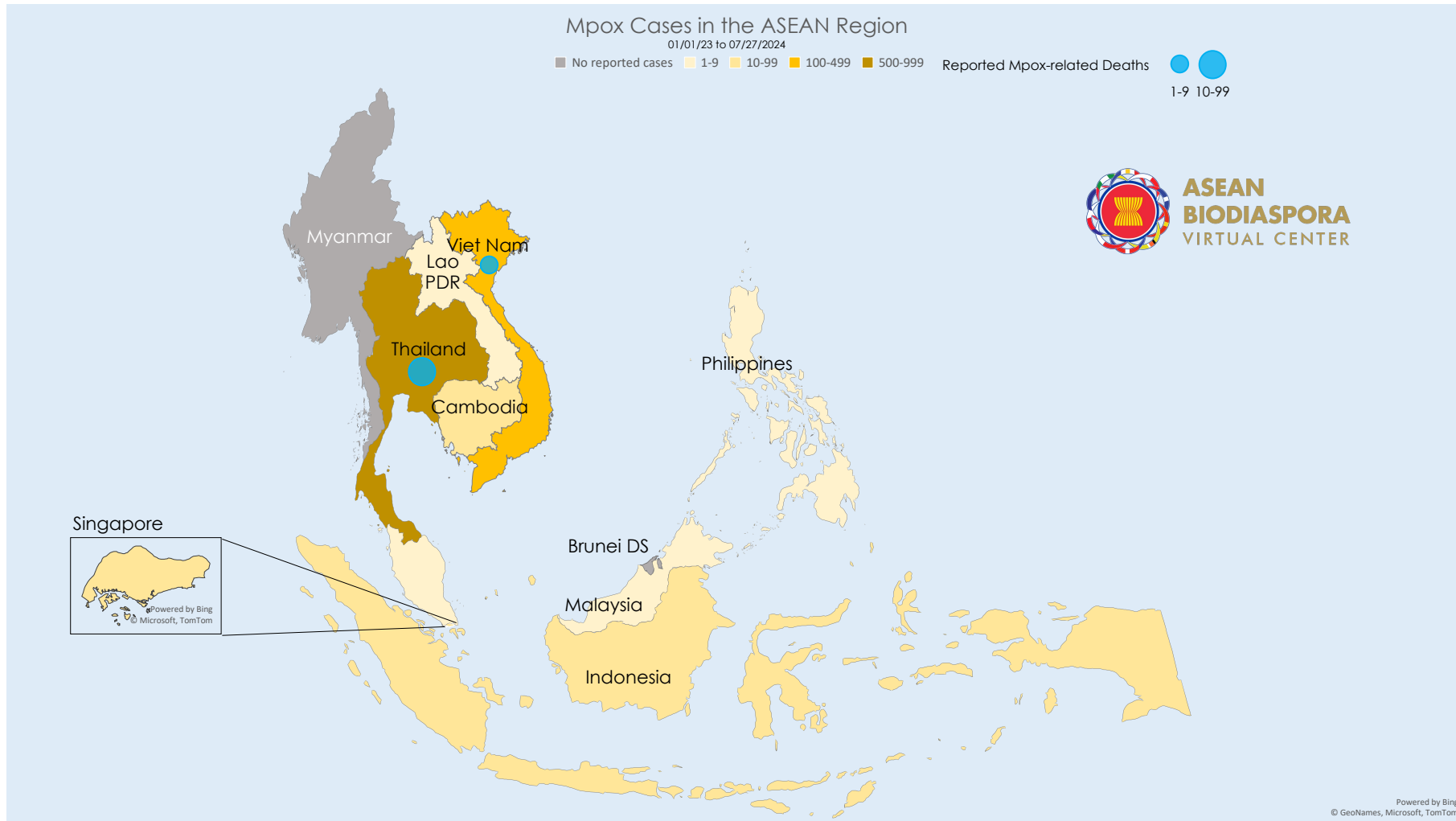


Source: GISAID. "hCoV-19 Variants Dashboard," accessed on July 30, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)



Mpox Cases Reported in the ASEAN Region

January 1, 2023 – July 27, 2024



Source:

1. Ministry of Health Republic of Indonesia
2. EBS Bluedot (Accessed on July 30, 2024)
3. Ministry of Health Singapore, accessed July 30, 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 27 July 2024, **14,816** confirmed cases worldwide since 2023, including **151** deaths. Globally, the CFR was **1.02%**.
- **1135 confirmed cases** including **18 deaths** in the **ASEAN** region, with a CFR of **1.59%**.
- **13,681 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 Jul. 27, 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	783	0	10	1.28%
Viet Nam¹	194	0	8	4.19%
ASEAN Total	1,135	0	18	1.59%

Source:

1. B IBS Bluedot, accessed on July 30, 2024 (<https://portal.bluedot.global>)
2. Ministry of Health Republic of Indonesia, accessed on July 30, 2024 (<https://infeksiemerging.kemkes.go.id/>)
3. Ministry of Health Singapore, accessed on July 30, 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 Jul. 27, 2024)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
United States of America	2,875	0	9	0.34%
People's Republic of China	2,402	0	1	0.04%
Democratic Republic of Congo	1,926	0	10	0.52%
Thailand	783	0	10	1.28%
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 Jul. 27, 2024)

REGIONS	CUMULATIVE CASES	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	2,184	0	19	0.87%
AMERICAS	5,733	0	89	1.55%
ASEAN	1,135	0	18	1.59%
ASIA & OCEANIA	4,090	0	20	0.49%
EUROPE	1,674	0	5	0.30%
TOTAL	14,816	0	151	1.02%

Source: Our World in Data, accessed on July 30, 2024 (<https://ourworldindata.org/monkeypox>)



Media Monitoring for Emerging Diseases

Epidemiological Week 30 | July 21 – 27, 2024

Global Situation for Emerging Diseases

COVID-19

- **Canada:** Quebec is experiencing a surge in COVID-19 cases, with the positivity rate increasing from 2.3% in March to 16.3% in the first week of July (Cerone, 2024). The most recent variant, KP.3, accounts for most new cases in Canada. The surge is linked to summer gatherings and travel, with emergency rooms over capacity. [\[Full article\]](#)
- **Greece** has reported a spike in COVID-19 cases related to the new FLIRT variant over the last 20 days, with 669 new COVID-19 patients admitted from July 8 to 14, 2024 (Booth, 2024). This was a 44% increase in the average weekly number of new admissions over the previous four weeks. In total, 26 deaths were recorded. The city of Thessaloniki has seen a rise in cases reported through sewage testing. Bulgaria, which shares a border with Greece, issued a warning to its residents visiting the country this summer. The Association of Hospital Doctors' Union of Athens and Piraeus (EINAP) warned that the outbreak of the coronavirus is expected to continue until the end of July. [\[Full article\]](#)
- **Italy** has reported nearly 9,000 new COVID-19 infections in the past week, with Campania, Lazio, and Lombardy having the most cases (Johnin, 2024). The Ministry of Health reported that there were 62% more cases in the week between 11 and 17 July compared to the previous week. Lombardy remains in the lead with 1,761 cases, followed by Lazio with 1,627 positives, and Campania with 1,483. The testing positivity rate at a national level is 11.2%, which is 4% higher than the previous week's 7.2%. The KP.3 subvariant, responsible for the summer case spike, has been identified as the cause of the resurgence. The peak of cases was reported from June 27 to July 3, with 3,855 new positive cases, a decrease from June 20-26. The virus's predominant variant, contracted by a variant of interest, is characterized by mutations in the Spike protein, which can lead to serious complications due to its ability to evade immune defenses and replicate faster. [\[Full article\]](#)
- **Japan** is experiencing its 11th wave of COVID-19 infections, with new cases increasing for ten consecutive weeks due to the highly transmissible new coronavirus variant (Nippon, 2024). The total number of new cases in medical institutions reached 55,072 in the week through July 14, with the number of newly hospitalized patients exceeding 3,000 for the first time in five months. The health ministry urges people to take basic infection control measures, such as washing hands and wearing face masks. [\[Full article\]](#)
- The **United States (US):** COVID-19 cases in the US are increasing, with at least 130,895 new cases reported between July 15 and July 21, up from 120,934 the week before (BNO News, 2024). The CDC states that many areas are experiencing consistent increases in COVID-19 activity, particularly among adults 65+. Notable increases were reported in Virginia, Georgia, Nevada, Maryland, Minnesota, New Mexico, Tennessee, Michigan, Kentucky, and Washington state. [\[Full article\]](#)



Mpox

- **Taiwan** has reported four new mpox cases, bringing the total to 13 (Thomson, J., 2024). The CDC reported the highest number in ten months in July. The four cases are males aged 30-40. The CDC advised high-risk individuals to get vaccinated, stating that two doses can provide up to 90% protection. [[Full article](#)]
- The **United States (US)**: Texas Health and Human Services has issued a health advisory due to the ongoing transmission of mpox, an infectious viral disease that causes blistering (Masso, 2024). In 2024, Texas reported 152 mpox cases, a 76% increase from 85 cases in 2023. The advisory recommends healthcare professionals, public health, and the public take measures to detect and prevent the spread of the virus. [[Full article](#)]

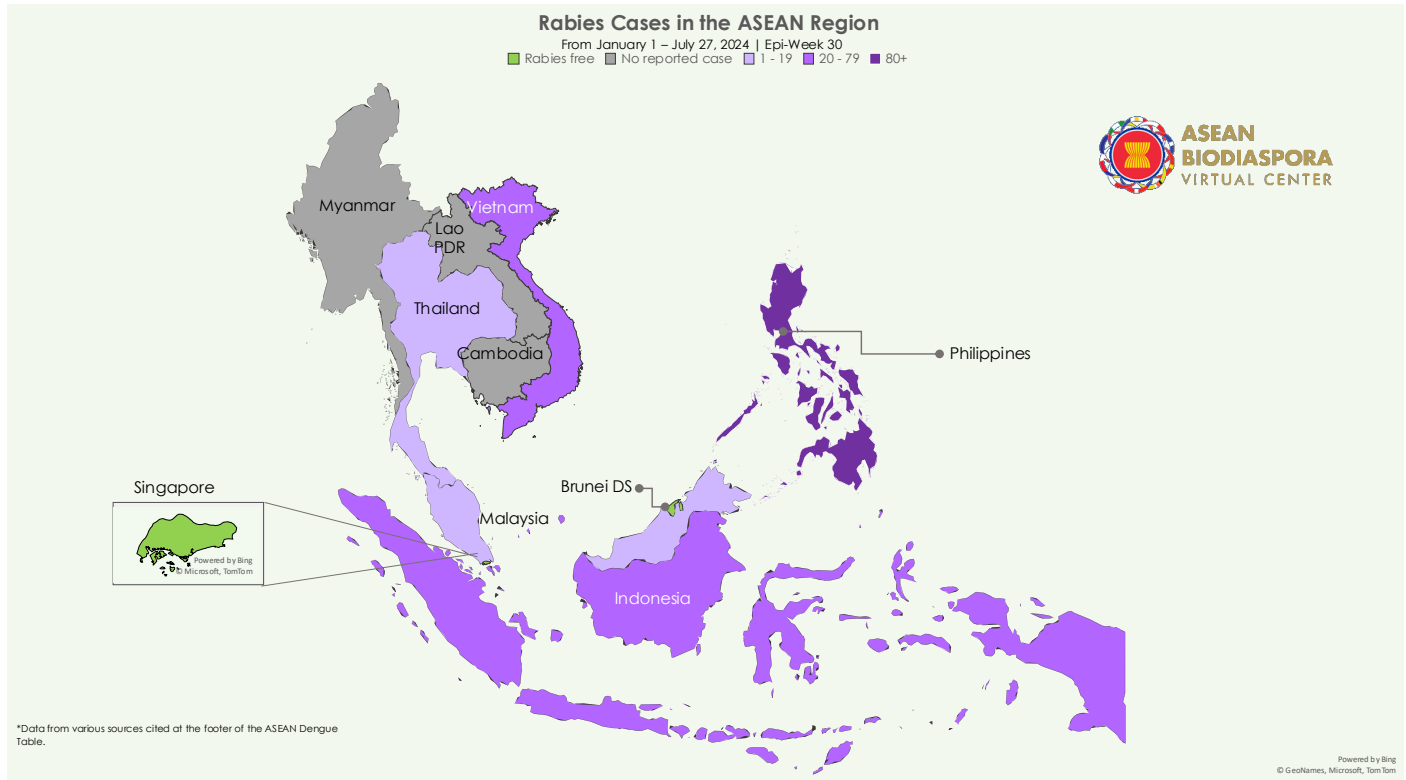
Nipah

- **India**: 14-year-old boy in Kerala, India, died from a Nipah virus infection (Herriman, 2024). The boy, who had acute encephalitis syndrome symptoms, was admitted to a healthcare facility in Perinthalmanna before being transferred to a higher health center in Kozhikode. The National Institute of Virology confirmed the infection, and samples were sent to Pune. [[Full article](#)]

ZOONOSIS

Rabies Cases in the ASEAN Region

From January 1 to July 27, 2024 (Epi-Week 30)



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 21	37	-	37	100%
Lao PDR	-	-	-	-	-
Malaysia²	Week 24	79	-	79	100%
Myanmar	-	-	-	-	-
Philippines²	Week 22	169	-	169	100%
Singapore			Rabies-free country		
Thailand³	Week 28	1	0	1	100%
Viet Nam²	Week 24	44	-	44	100%
Total		330	0	330	100%

1. Ministry of Health, Republic of Indonesia
 2. Bluedot Platform, accessed July 30, 2024 (<https://portal.bluedot.global/>)
 3. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed July 30, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **NO** new rabies cases since the previous report. The region reported **330** total cases with **100%** CFR.



Media Monitoring for Zoonosis

Epidemiological Week 30 | July 21 – 27, 2024

Global Situation for Zoonosis

Avian Influenza (H5N1)

- **The United States (US):** Two more bird flu cases have been reported among farmworkers in Colorado, US, on July 19, 2024 (ABC News, 2024). The Michigan Department of Health and Human Services conducted a study on 35 people around cows sickened by the bird flu, but no antibodies showed signs of past infections. The largest outbreak of human bird flu infections in US history has been reported, with most cases occurring among farmworkers. Health officials characterize the threat to the general public as low. [[Full article](#)]

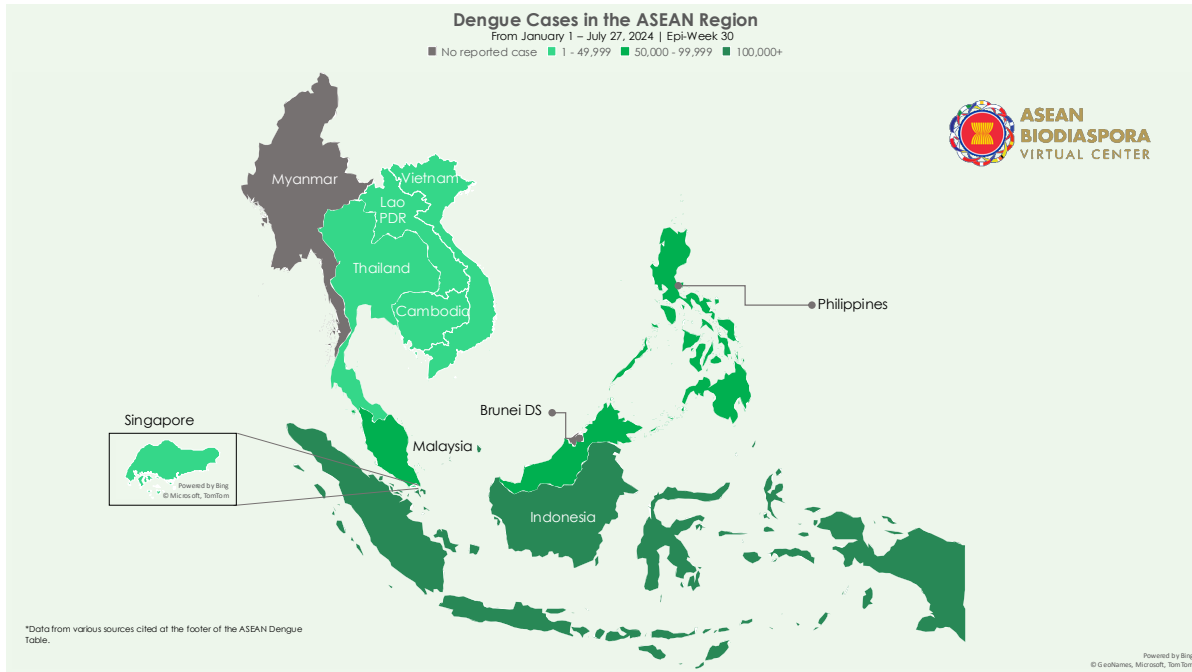
Avian Influenza (H5N6)

- **China** has reported a 70-year-old woman who died from an H5N6 avian flu infection in June (Schnirring, 2024). The highly pathogenic H5N6 is known to circulate in China's poultry and a few other Asian countries. China has now reported four H5N6 cases for 2024, with the last illness in June involving a man from Fujian province. Since 2014, China has reported 92 cases. [[Full article](#)]

VECTOR-BORNE DISEASES

Dengue Cases in the ASEAN Region

From January 1 to July 27, 2024 (Epi-Week 30)



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	316	24	1	0.34%
Indonesia^{2*}	Week 29	164,673	8,425	926	10	0.56%
Lao PDR¹	Week 28	6,653	890	-	-	0.00%
Malaysia³	Week 28	80,441	2,373	65	5	0.08%
Myanmar⁴	Week 27	1,309	-	3	-	0.23%
Philippines⁴	Week 29	90,119	-	233	-	0.26%
Singapore^{5**}	Week 29	10,110	236	-	-	0.00%
Thailand^{6***}	Week 28	50,127	3,227	38	1	0.08%
Viet Nam¹	Week 29	39,940	2,957	3	-	0.01%
Total		450,430	18,424	1,292	17	0.29%

1. WHO WPRO, "Dengue," World Health Organization, accessed July 30, 2024 (<https://www.who.int/western-pacific/emergencies/surveillance/dengue>).
 2. Ministry of Health, Republic of Indonesia
 3. Disease Control Division, Ministry of Health Malaysia, accessed July 30, 2024. (https://www.moh.gov.my/index.php/database_stores/store_view/17)
 4. Bluedot Developer Portal, accessed July 30, 2024, (<https://developer-portal.bluedot.global/>).
 5. Ministry of Health. "Weekly Infectious Disease Bulletin", accessed July 30, 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 July 30, 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 **18,424** new dengue cases since the previous report. The region reported **450,430** total cases with **0.29%** CFR.

Malaria Cases in the ASEAN Region

From January 1 to July 27, 2024 (Epi-Week 30)



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 29	8,726	1,222	8	0.08%
Malaysia¹	Week 10	24	22	0	0.00%
Myanmar¹	-	-	-	-	-
Philippines¹	Week 6	2	-	0	0.00%
Singapore³	Week 29	11	-	0	0.00%
Thailand⁴	Week 27	2,726	181	1	0.04%
Viet Nam¹	Week 11	141	-	0	0.00%
Total		12,384	1,425	16	0.13%

1. Bluedot Platform, accessed July 30, 2024 (<https://portal.bluedot.global/>)
2. Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed July 30, 2024 (<https://www.facebook.com/CCEH.MoH.Lao/>)
3. Ministry of Health Singapore, accessed July 30, 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 July 30, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **1,425** new malaria cases since the previous report. The region reported **12,384** total cases with **0.13%** CFR.



Media Monitoring for Vector-borne Diseases

Epidemiological Week 30 | July 21 – 27, 2024

Global Situation for Vector-borne Diseases

Chikungunya

- **India** reported 2,639 cases of Chikungunya from January to July, the state health minister said (DTNEXT, 2024). Three deaths occurred, and special measures are being taken to control disease spread during the monsoon season. A special medical camp has been inaugurated to combat these diseases. [[Full article](#)]

Dengue

- **Bangladesh:** Dengue fever has seen 263 patients hospitalized in Bangladesh, with 164 in Dhaka and 484 in other hospitals (TBP Desk, 2024). A total of 5,250 cases and 50 deaths have been reported since January 1, with 1,705 deaths in the deadliest year on record. [[Full article](#)]
- **India:** Jalandhar has reported 11 cases of dengue this year, with four reported in the past three months May, June, and July (Tribune News, 2024). The Health Department is closely monitoring various hotspots, including the notorious Basti areas in the Jalandhar West constituency. Sixty larvae breeding checker teams have been deployed into service, and 12 warning notices have been issued to residents. [[Full article](#)]

In Tamil Nadu, The Health Minister reported, 6,565 people were affected by dengue fever between January 1 to July 25 this year (DTNEXT, 2024). The deaths due to dengue have reduced in the last few years due to continuous prevention and control measures. [[Full article](#)]

- **Iran** reported its first two locally acquired dengue infections in June, with the WHO stating that the country's number of cases has risen to 12 (News brief, 2024). The WHO stated this year has seen a sharp rise in dengue cases, with 137 reported between May and July. The WHO said the confirmation of local dengue virus transmission in 2024 is an unusual event due to the presence of the vector and the movement of people from endemic areas to Iran. [[Full article](#)]
- **Nepal:** The District Health Office in Papla District, Lumbini Province, has confirmed that 74 people have been infected with dengue fever this year, with 42 from the district and 32 from nearby districts (Republica, 2024). The health office has directed local units to organize a 'Search and Destroy' campaign to raise awareness about the disease, which is caused by the Aedes mosquito. [[Full article](#)]

Leptospirosis

- **India:** Kerala is facing a severe leptospirosis outbreak, with 152 deaths this year, despite an effective treatment (Chathothu, R., 2024). The disease affects 1,368 people in the state, with 1,170 suspected cases. Despite a government-reported 76 deaths, the disease is reported in every district, with high risk during July, August, and September. [[Full article](#)]

Malaria

- **South Korea:** The Seoul Metropolitan Government has issued a 'Malaria Alert' for Gangseo-gu, a district in Korea, following two cluster cases in Yangcheon-gu (Newspim, 2024). As of July 20, the number of domestic malaria patients reported this year is 307, with 58 (19%) in Seoul. The city is checking on patients' daily medication intake, providing rapid diagnostic testing, and focusing on controlling mosquito vectors around the patient's residence. On-site quarantine training will be conducted for quarantine officers in malaria risk areas on July 24th. [[Full article](#)]

Zika

- **India:** Pune has reported two more confirmed cases of Zika in the city (TNN, 2024). This takes the ongoing count of confirmed Zika-positive cases to 35, which includes 12 pregnant women. [[Full article](#)]

In Nagar District, Zika disease has been found including two in Sangamner Taluka, and four in the city district (Online, 2024). The disease is now present in Pune, with a cured case from Sangamner in May. Two pregnant women in Sangamner were also infected, and their condition was examined. Three Zika patients have been detected in the city of Sangamner, and the medical superintendent urges citizens to seek immediate treatment without panic. The health system is also asking for proper care during monsoons. [[Full article](#)]

Regional Situation for Vector-borne Diseases

Dengue

- **Cambodia** reported 7,058 dengue fever cases in the first half of 2024, a 10% increase from the previous year (Online, 2024). The country has prepared over 160 tonnes of Abate and mosquito repellent to prevent a large-scale outbreak. Parents are advised to take their sick children to health centers or state hospitals within 48 hours if they suspect they are infected. Households are advised to fill in puddles around their houses to prevent mosquito breeding. [[Full article](#)]
- **Indonesia:** Dengue fever cases in Gunungkidul Regency, Special Region of Yogyakarta Province have reached 1,281 cases as of June 2024, with four deaths (Mustaqim, 2024). The cases were primarily concentrated in densely populated areas like Paliyan, Playen, Ponjong, Semanu, and Wonosari Districts. The occurrence of dengue hemorrhagic fever (DHF) cases is difficult to predict due to fluctuating movement. [[Full article](#)]

In Boyolali Regency DHF reached 690, with 10 deaths (Faizah, 2024). The highest number of cases was recorded in March, with 157 cases and four deaths. The most cases were in Boyolali II Public Health Center, followed by Teras Public Health Center, Cepogo Public Health Center, Musuk Public Health Center, and Sambu Public Health Center. The most effective efforts to prevent dengue fever are the mosquito nest eradication movement and environmental cleaning, rather than fogging. [[Full article](#)]

- **Malaysia:** Dengue fever cases in Malaysia decreased to 2,373 in the Epidemiological Week 28 from July 7 to 13, compared to 2,805 the previous week (Bernama, 2024). The cumulative number of cases was 80,441 compared to 63,966 in 2023. There were 65 deaths due to dengue fever complications, compared to 45 fatalities last year. Zika surveillance tests were negative. [[Full article](#)]

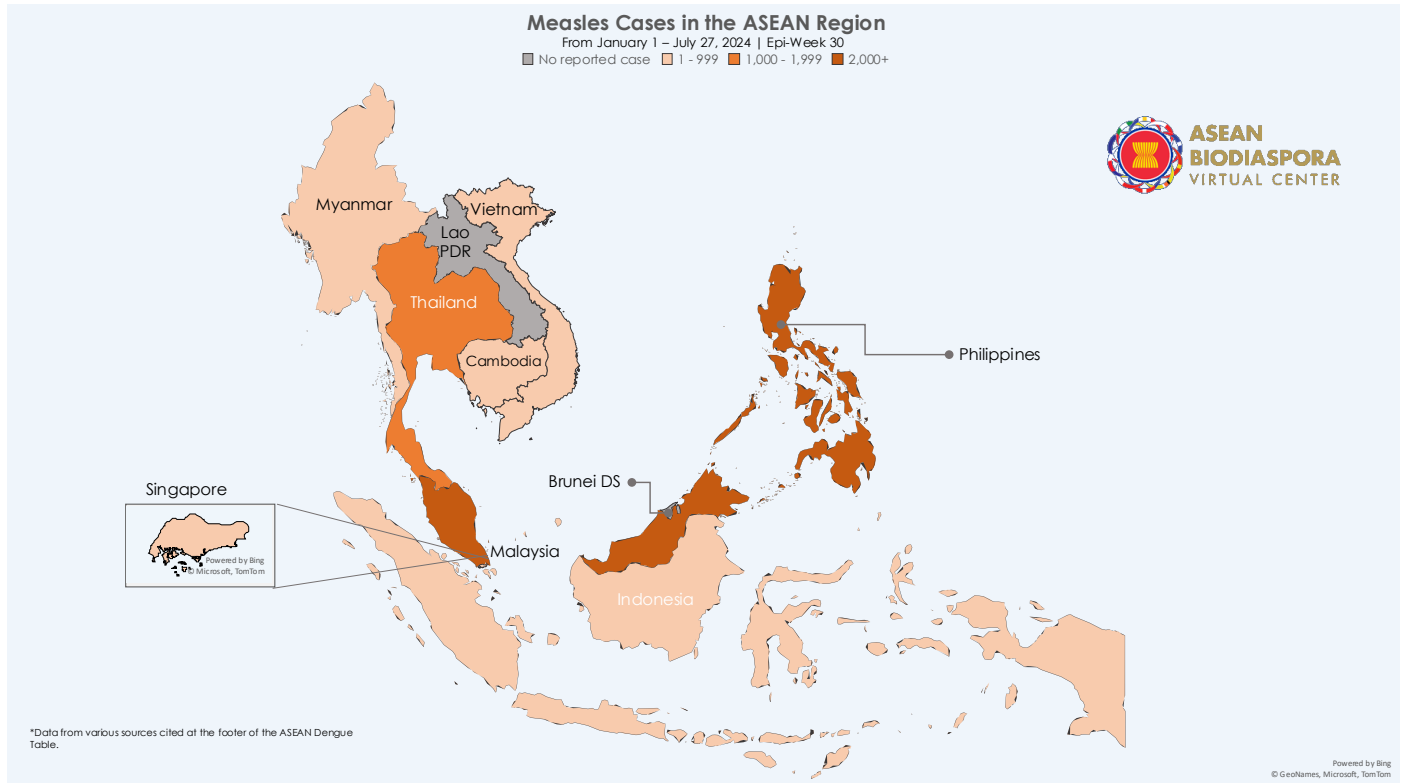


- The **Philippines:** Dengue cases in Tagum City, Davao del Norte have increased to 933 cases from January to July 2024, with 53 new cases (GMA Regional, 2024). Most cases are from Visayan Village, Mankilam, and Apokon. [[Full article](#)]
- **Singapore:** Dengue case numbers in 2024 have surpassed 10,000, surpassing the total for 2023 (Qing, 2024). The National Environment Agency (NEA) reported 267 cases between July 14 and July 22, bringing the total to 10,141. However, the dengue case tally in 2023 was 9,949, lower than the 32,173 cases recorded in 2022. Singapore has 70 active dengue clusters, including 10 red-alert clusters with 10 or more cases. The largest active cluster is 410 cases in Bukit Panjang. The country experienced its largest dengue outbreak in 2020, with 35,315 cases and 32 deaths. [[Full article](#)]
- **Thailand:** The Director of the Disease Control Office 11 reported a significant increase in dengue fever cases within Health Region 11, with 5,853 cases reported from Jan 1 to July 19, with the highest infection rates among the children aged 10-14 years (The Phuket News Com, 2024). The director stressed the importance of eliminating mosquito breeding grounds. [[Full article](#)]
- **Viet Nam:** The Hanoi CDC reported an increase in dengue fever in the city (Chien, 2024). From July 12 to 19, 1,118 cases of dengue fever were recorded, with the most cases in Dan Phuong district. Nine more dengue fever outbreaks were recorded in five districts. In 2024, Hanoi has recorded 1,283 cases of dengue fever. The CDC predicts that dengue fever cases will continue to rise. The Hanoi Department of Health has requested the People's Committees to organize campaigns to clean up the environment and communicate about dengue fever prevention and control. [[Full article](#)]

VACCINE-PREVENTABLE DISEASES

Measles Cases in the ASEAN Region

From January 1 to July 27, 2024 (Epi-Week 30)



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	1,054	0	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 28	1,435	88	0	0%
Viet Nam ³	Week 26	233	-	0	0%
Total		7,416	88	3	0.04%

- Provisional Measles and Rubella Data, World Health Organization, accessed July 30, 2024 (<https://immunizationdata.who.int/global?topic=Provisional-measles-and-rubella-data&location=>)
- Ministry of Health, Republic of Indonesia
- Bluedot Platform, accessed July 30, 2024 (<https://developer-portal.bluedot.global/>)
- Ministry of Health Singapore, accessed July 30, 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 July 30, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **88** new measles cases since the previous report. The region reported **7,416** total cases with **0.04%** CFR.

Media Monitoring for Vaccine-Preventable Diseases

Epidemiological Week 30 | July 21 – 27, 2024

Global Situation for Vaccine-Preventable Diseases

Measles

- **Pakistan:** Six children of a family died of measles in Matiari, and over four children remain affected (Desk, W., 2024). The incident follows a fatal epidemic in Shikarpur city, Sindh province, where 12 children died in the past two months due to non-vaccination. Over 180 children have been brought to the civil hospital with similar symptoms since January 2024. A special vaccination campaign is being run in areas with measles cases. [[Full article](#)]
- **Ukraine:** Four measles cases were recorded among children in the Odessa District due to religious beliefs (Dumskaya, 2024). The regional Center for Disease Control and Prevention reports that all children are in moderate condition, receiving treatment at the Infectious Diseases Hospital. Since the start of the year, 19 measles cases have been confirmed, including nine children. [[Full article](#)]
- The **United States (US):** South Dakota has reported its first measles case in nine years, a highly contagious viral disease that can cause health complications, especially in children under five (Huber, 2024). The case was found in a Pennington County adult who tested positive at Monument Health in Rapid City. The last measles case was in January 2015, and South Dakota hasn't had a measles case since 1997. South Dakota's measles, mumps and rubella (MMR) vaccination rate among kindergarteners has decreased from 96.8% in 2009-2010 to 92.5% in 2022-2023, below the Office of Disease Prevention and Health Promotion's target of 95%. [[Full article](#)]

Pertussis

- **Canada:** A whooping cough outbreak in northeastern New Brunswick has reached 36 cases since mid-June, with 48 reported across the province so far this year (Moore, N., 2024). The outbreak has been exacerbated by a rise in pertussis cases, which have been reported in other parts of the country. In May, parents and guardians of New Brunswick schoolchildren received a memo informing them of the rising cases and encouraging them to get vaccinated. [[Full article](#)]
- **Finland:** Whooping cough cases in Finland have increased by over six times compared to last year, with over 800 confirmed cases this year (STT, 2024). The disease occurs in cycles, with most cases occurring between May and July, primarily affecting school children. Vaccines are recommended for protection against whooping cough, which can be life-threatening for babies. [[Full article](#)]
- The **United Kingdom(UK):** Bristol has the highest number of suspected cases of whooping cough across England and Wales this year, with over 450 cases detected in the city (Ault, R., 2024). Other high-infection areas include Nottingham, Birmingham, and Cardiff. South Gloucestershire and North Somerset also have high rates. Lab tests confirmed 7,599 cases of pertussis across England and Wales between January and May 2024. [[Full article](#)]



Regional Situation for Vaccine-Preventable Diseases

Pertussis

- **Viet Nam:** Hanoi has recorded 20 more cases of whooping cough, with 70% of cases being children under five months old (Nguyen, 2024). The number of cases increased by eight compared to the previous week, with a total of 193 cases recorded in 29 districts, towns, and cities in 2024. The Hanoi Center for Disease Control predicts sporadic cases, mainly in young children who are not vaccinated or not fully vaccinated. [\[Full article\]](#)



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

Epidemiological Week 30 | From January 1 to July 27, 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%	37	37	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%	783	10	0.13%	1	1	100%
Viet Nam	101,828	20	0.02%	191	8	4.19%	44	44	100%
ASEAN Region	1,642,592	4,962	0.32%	1,135	18	0.81%	330	330	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	164,673	926	0.56%	754	7	0.93%	1,054	0	0%
Lao PDR	6,653	0	0.00%	8,726	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	10,110	0	0.00%	11	0	0%	8	0	0%
Thailand	50,127	38	0.08%	2,726	1	0.04%	1,435	0	0%
Viet Nam	39,940	3	0.01%	141	0	0%	233	0	0%
ASEAN Region	450,430	1,292	0.29%	12,384	16	0.13%	7,416	3	0.04%



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