

This report aims to provide the current situation on infectious and emerging diseases in the ASEAN Region. We collate various information from multiple official sources and publicly available sources and is published every week on Wednesday. For feedback and/or suggestions, please write to support@biodiaspora.org

Editorial

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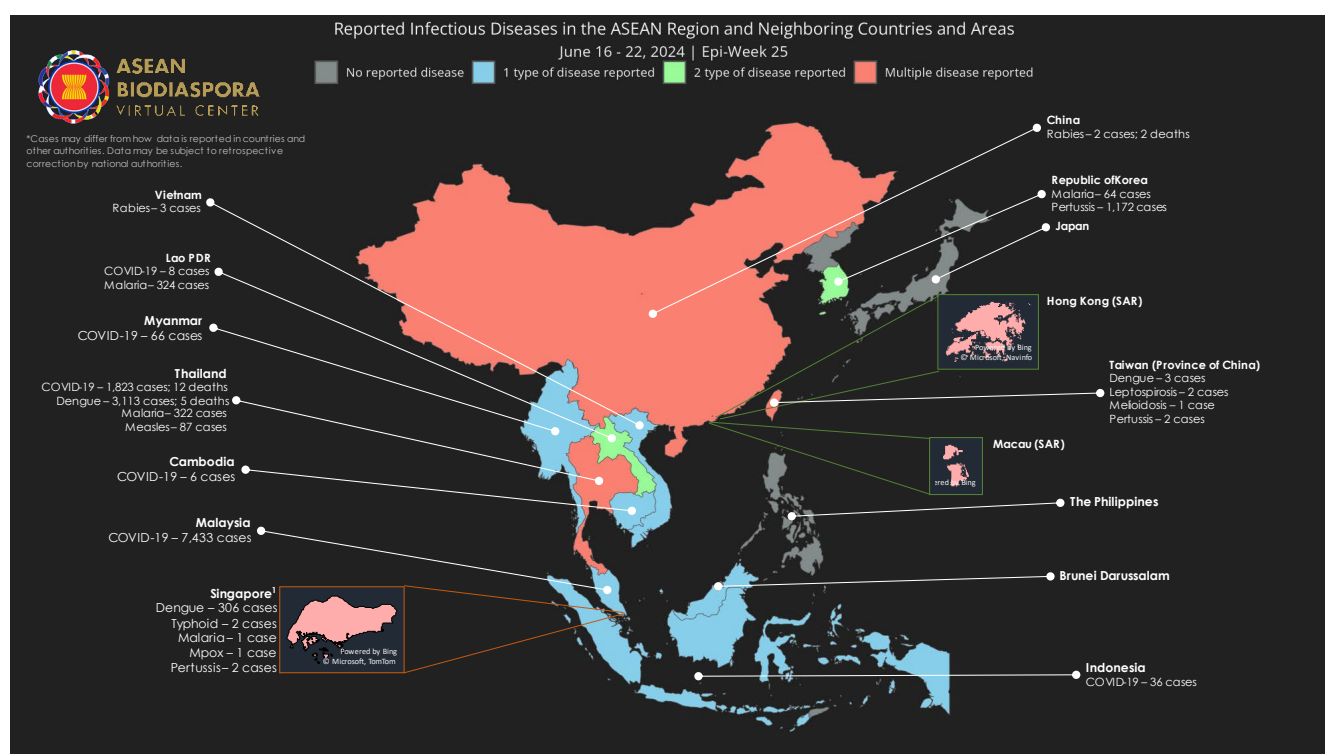
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Key Findings

- The trend of COVID-19 varies globally, with cases decreasing in New Zealand and increasing in the US. In ASEAN region remain stable with some ASEAN Member States still reporting new cases.
- Based on GISAID data, there is new sub-variant of COVID-19 namely "KP" has been reported in several AMS (Cambodia, Indonesia, Malaysia, The Philippines, Singapore, and Thailand). However, the JN.1, which is subtypes of BA.2.86, remains a dominant variant of interest spreading in the ASEAN region until the last report.
- Rabies cases has been reported both globally (People's Republic of China) and in the ASEAN region (Vietnam).
- A fatal case of Avian Influenza was reported in People's Republic of China.
- Hand, foot, and mouth disease is reported in Vietnam, with an increased compared to the same period in 2023.
- Outbreak of Streptococcus Toxic Shock Syndrome (STSS) happened in Japan with 977 cases and 77 deaths.

Reported Infectious Diseases in the ASEAN Region and Neighboring Countries

Epidemiological Week 25 | June 16 – 22, 2024



Source: AMS Official Sources, [Worldometer](#), [WHO](#), [Our World in Data](#), and [Bluedot Platform](#), accessed on June 25, 2024

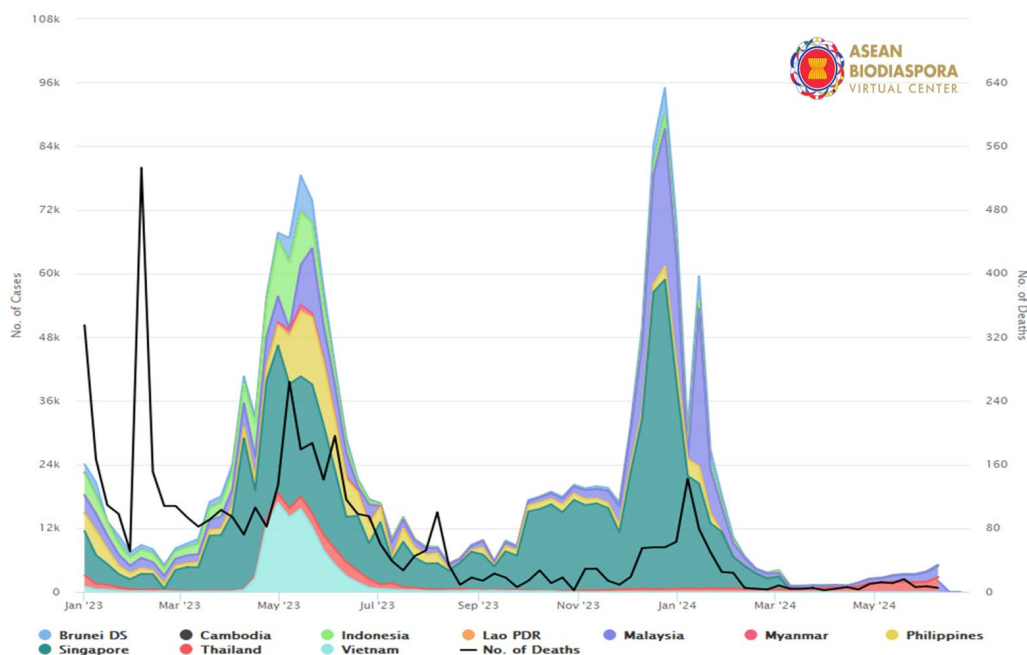
EMERGING DISEASES

COVID-19: Highlights and Situation Overview

- As of 22 June 2024 (5PM, GMT+7), there were **704,786,419** confirmed cases **worldwide**, including **7,010,761** deaths. Globally, Case Fatality Rate (CFR) was **1.00%**.
- 37,030,831** 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

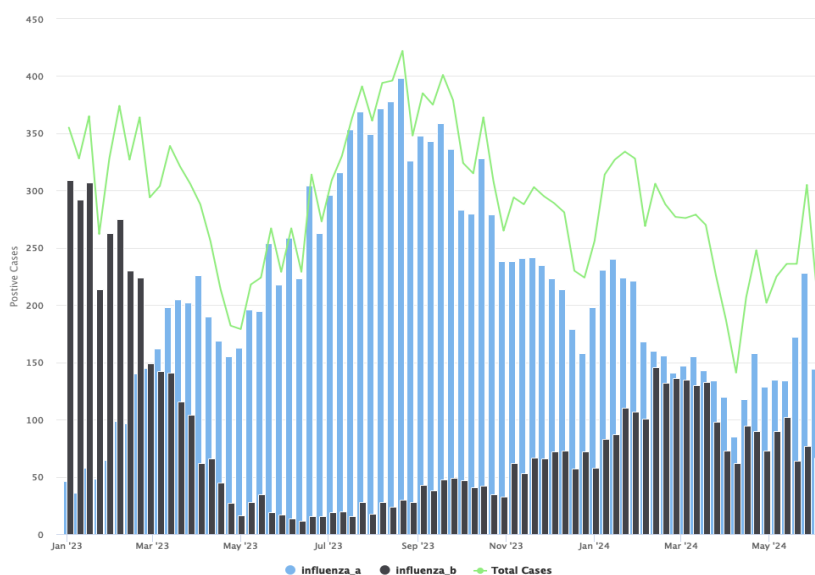
From January 1 to June 22, 2024



Source: [Singapore Government](#), [Worldometer](#), and the [WHO](#), accessed on June 25, 2024

Trends of Influenza Confirmed Cases in the ASEAN region

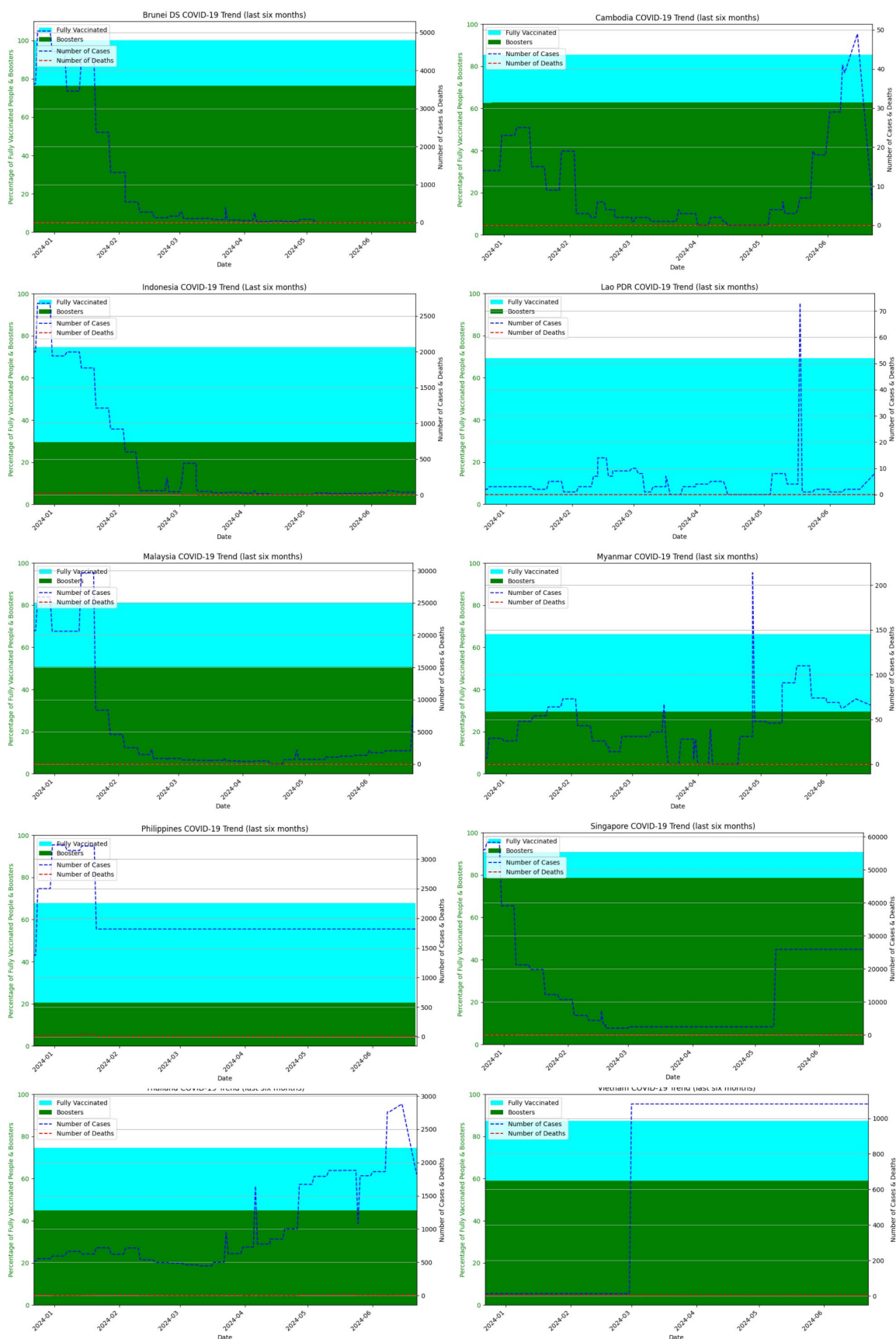
From January 1 to June 22, 2024



Source: FluNet, accessed on June 25, 2024 (<https://www.who.int/tools/fluNet>)

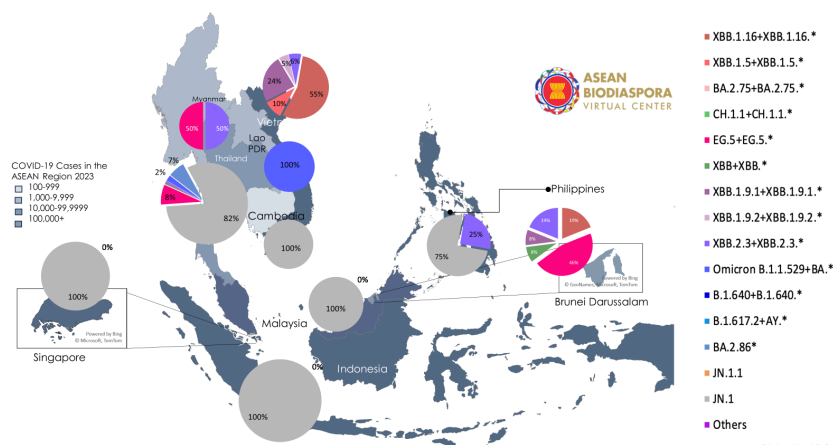
Trends of COVID-19 Cases, Deaths, and Vaccine Coverage among AMS

From January 22, 2023 to June 22, 2024



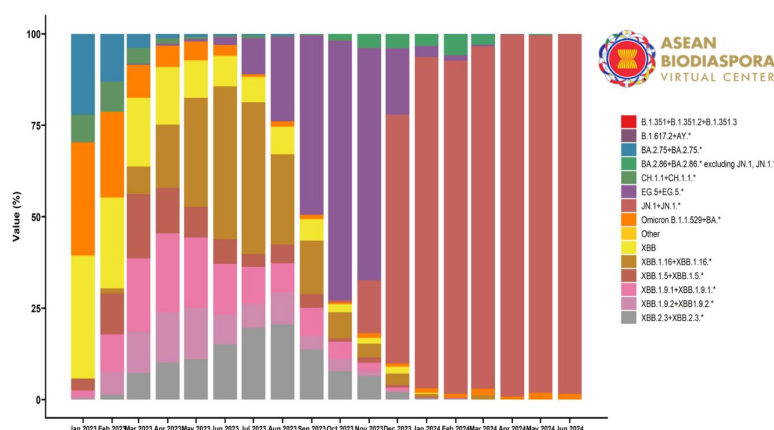
Source: AMS Official Sources, [Worldometer](#), [Our World In Data](#), and [WHO](#), accessed on June 25, 2024

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



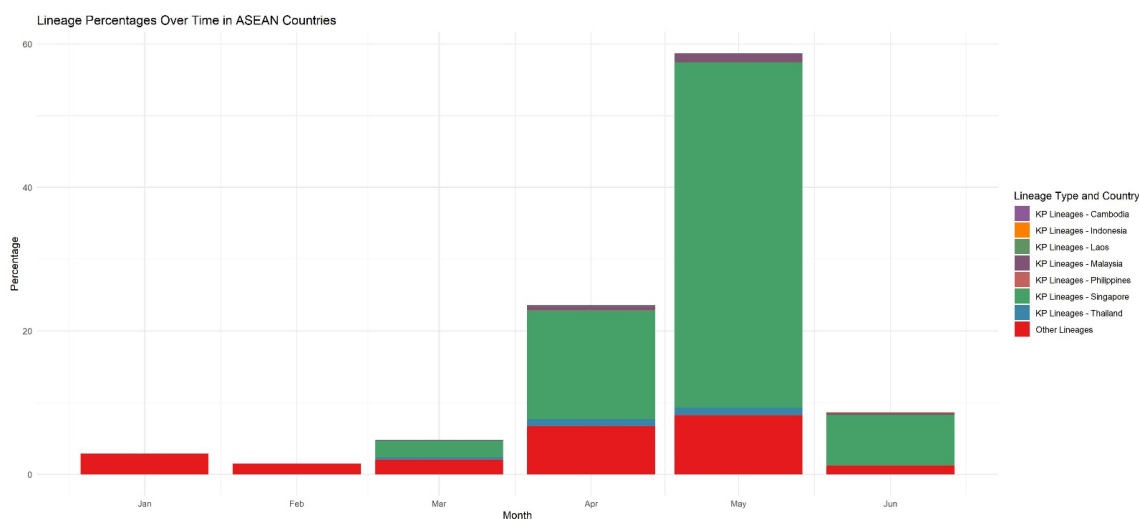
Source: GISAID. "hCoV-19 Variants Dashboard," accessed June 25, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

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



Source: GISAID. "hCoV-19 Variants Dashboard," accessed June 25, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

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

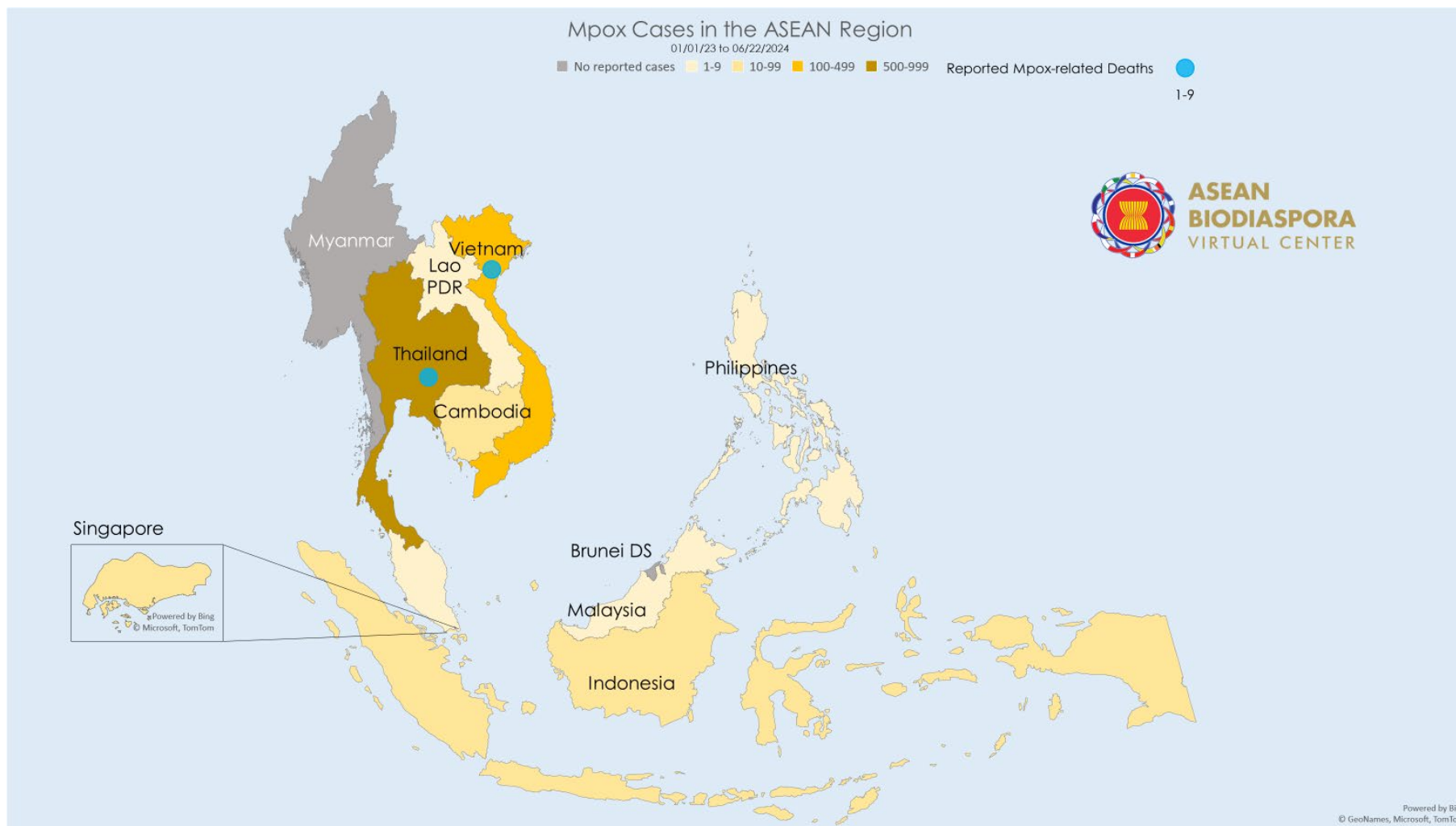


Source: GISAID. "hCoV-19 Variants Dashboard," accessed on June 25, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)



Mpox Cases Reported in the ASEAN Region

January 1, 2023 – June 22, 2024



Source:

1. Ministry of Health Republic of Indonesia
2. EBS Bluedot (Accessed on June 25, 2024)
3. Ministry of Health Singapore, accessed June 25, 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 22 June 2024, **14,341** confirmed cases worldwide since 2023, including **132** deaths. Globally, the CFR was **0.92%**.
- 1110 confirmed cases** including **nine deaths** in the **ASEAN** region, with a CFR of **0.81%**.
- 13,231 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 June 22, 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	41	1	0	0.00%
Thailand¹	762	0	1	0.13%
Vietnam¹	191	0	8	4.19%
ASEAN Total	1110	1	9	0.81%

Source:

1. B IBS Bluedot (Accessed on June 25, 2024)
2. Ministry of Health Republic of Indonesia
3. Ministry of Health Singapore, accessed June 25, 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 Jun. 22, 2024)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
United States of America	2,660	0	9	0.34%
People's Republic of China	2,353	0	1	0.04%
Democratic Republic of Congo	1,723	0	2	0.12%
Thailand	762	0	1	0.13%
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 June 22, 2024)

REGIONS	CUMULATIVE CASES	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	1,964	-	9	0.46%
AMERICAS	5,788	-	89	1.54%
ASEAN	1,110	1	9	0.81%
ASIA & OCEANIA	3,928	-	20	0.51%
EUROPE	1,551	-	5	0.32%
TOTAL	14,341	-	132	0.92%

Source: Our World in Data, accessed on June 25, 2024 (<https://ourworldindata.org/monkeypox>)

Media Monitoring for Emerging Diseases

Epidemiological Week 25 | June 16 – 22, 2024

Global Situation for Emerging Diseases

COVID-19

- **New Zealand** reported 4,788 new COVID-19 cases and 34 more deaths in the week to Sunday, with 3,021 reinfections (News, R., 2024). The seven-day rolling average of reported new cases was 509, down from last week. The confirmed death toll is 4,120, from 2.66 million reported infections. The latest deaths included nine from Auckland, six from Wellington, four from Waikato, four from Canterbury, and one from South Canterbury. [\[Full article\]](#)
- The **United States (US)**: Los Angeles County is experiencing an increase in COVID-19 cases and hospitalizations, with 121 new cases per day reported, up from 106 on June 6 (ABC7 News, 2024). The numbers are believed to be an undercount due to at-home testing. The county Public Health Department highlights the importance of protection from FLiRT variants, including KP.2 and KP.3, during summer travel. [\[Full article\]](#)

Hawaii Department of Health reported an average positivity rate of 16.7% for COVID-19 cases and hospitalizations, up from 15.9% the previous week (Wu, 2024). The virus is still in the high category, with 127 COVID patients per day in Hawaii's hospitals, the highest level since August's surge. The DOH urges the public to stay home, wear masks, stay in well-ventilated areas, and test if symptomatic to seek timely treatment. The proportion of immune-evasive "FLiRT" variants in the isles has also increased. [\[Full article\]](#)

Mpox

- **South Africa**: South Africa has confirmed a new case of Mpox, raising the total number of confirmed cases to seven (Mazibuko, N., 2024). The 39-year-old man from Northcliff, Johannesburg, tested positive for the virus after being admitted to a health facility in Cape Town last month. The Department of Health has launched contact tracing efforts to identify and monitor individuals who may have been exposed to the virus. The City of Tshwane Health Department acknowledged the national outbreak, noting that the situation remains fluid. The Mpox virus, a notifiable disease, can affect all population groups, with heightened risk for immunocompromised individuals and key populations. The Health Ministry is providing antiviral treatment for severe cases. [\[Full article\]](#)
- **South Australia** has reported three cases of mpox in the state, marking the first locally acquired cases since 2022 (Melzer, 2024). The virus is highly infectious and can be spread through prolonged skin-to-skin contact or contaminated surfaces. Symptoms can last up to 21 days and can be severe. Vaccines are available for free to eligible groups and sexually active men. The WHO reported 87,000 cases in 2022. [\[Full article\]](#)
- The **United States (US)**: The Los Angeles County Department of Public Health is reporting a significant increase in mpox cases, with 10 new cases reported in the past two weeks (SCVNews, 2024). The disease is spread through body fluids, sores, shared bedding, or respiratory droplets. Early detection, testing, and vaccination are crucial for controlling the spread. [\[Full article\]](#)

Regional Situation for Emerging Diseases

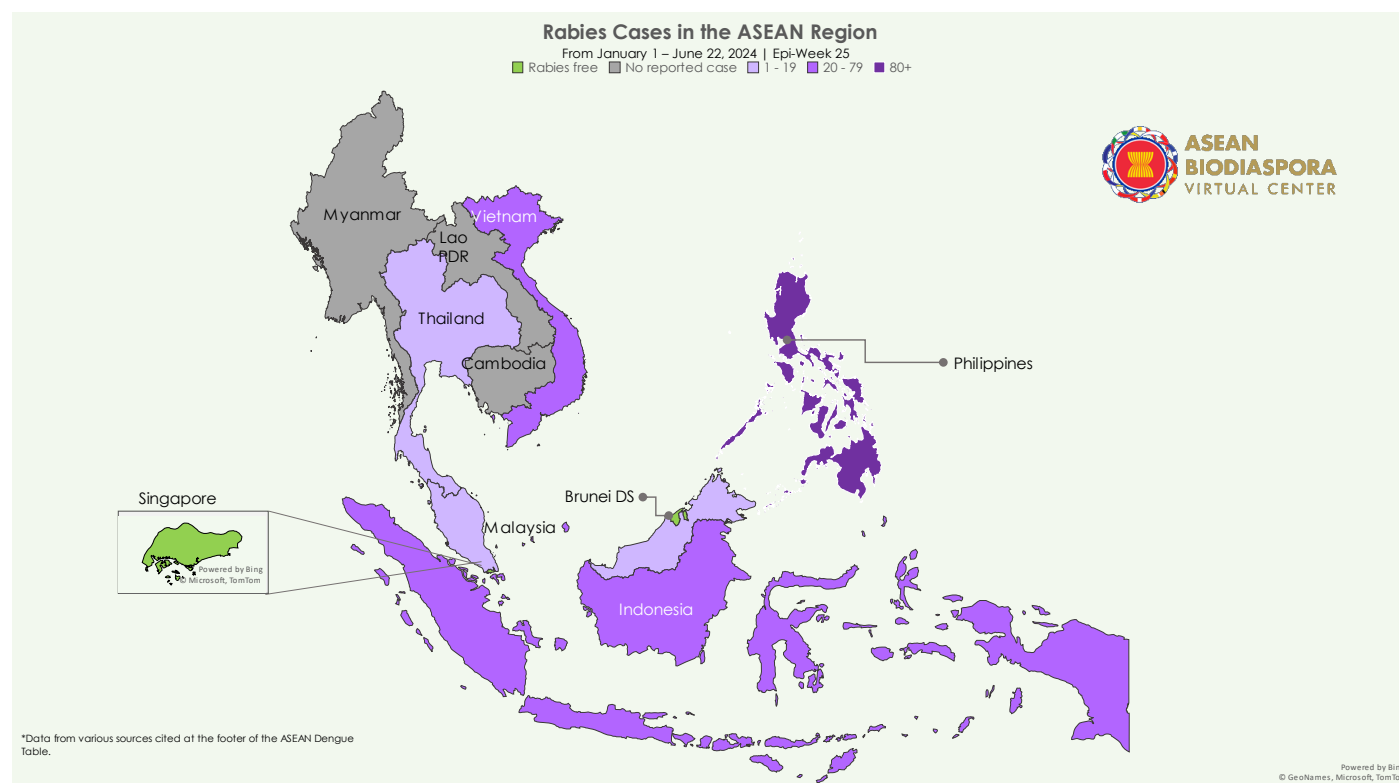
COVID-19

- **Singapore** Ministry of Health reported a drop in COVID-19 infections and hospitalizations from May 26 to June 8, 2024 (Yee, J., 2024). This follows a similar trend in Johor, where COVID-19 cases are expected to continue rising. However, the current wave of infections is still higher than in February to April 2024. The estimated number of COVID-19 cases was 16,800 from June 2 to 8, with an average hospitalization of 236, and a decrease in daily ICU cases. [\[Full article\]](#)
- The **Philippines**: The City Health Office (CHO) reported an increase in COVID-19 cases at the Southern Philippines Medical Center (SPMC) from 19 in April to 111 in June (Palicte, C., 2024). The number of active cases at SPMC has reached 135, with 50 asymptomatic, 69 mild, 15 moderate, and one critical. The CHO focuses on vulnerable groups, including unvaccinated individuals and those with co-morbidities. [\[Full article\]](#)

ZOONOSIS

Rabies Cases in the ASEAN Region

From January 1 to June 22, 2024 (Epi-Week 25)



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	-	-	-	-	-
Indonesia ¹	Week 21	37	-	37	100%
Lao PDR	-	-	-	-	-
Malaysia ²	Week 24	79	-	79	100%
Myanmar	-	-	-	-	-
Philippines ²	Week 22	169	-	169	100%
Singapore		Rabies-free country			
Thailand ³	Week 22	0	0	0	100%
Vietnam ²	Week 24	44	3	44	100%
Total		329	3	329	100%

1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed June 25, 2024 (<https://portal.bluedot.global/>)
3. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed June 25, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **3** new rabies cases since the previous report. The region reported **329** total cases with **100%** CFR.

Media Monitoring for Zoonosis

Epidemiological Week 25 | June 16 – 22, 2024

Global Situation for Zoonosis

Avian Influenza (H5N6)

- **China** has reported its third fatal human infection involving H5N6 avian flu, with a 41-year-old man from Fujian province dying from severe pneumonia (Schnirring, 2024). The virus, known to circulate in poultry in China and a few other Asian countries, has caused 92 cases and 37 fatalities, with the man's illness raising the total to 37. [\[Full article\]](#)

Rabies

- **China:** In May, two cases in Anhui province reported death from rabies. In summer, the weather is hot, animals are prone to irritable, people are thinly dressed, and they are scratched and bitten by cats and dogs. Especially in rural areas, most cats and dogs have not been vaccinated against rabies. If they are not dealt with in time after accidental exposure, the risk of rabies infection will increase. [\[Full article\]](#)

Regional Situation for Zoonosis

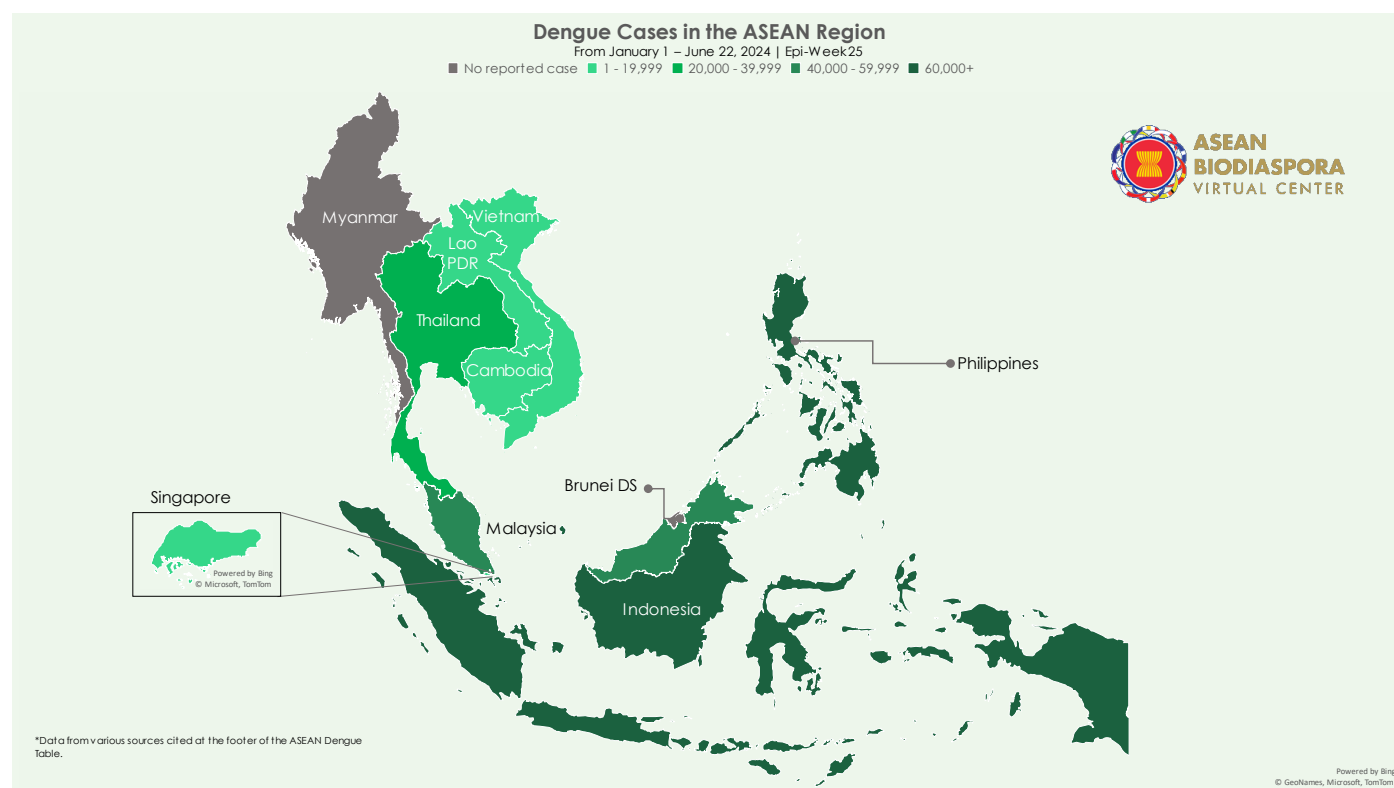
Rabies

- **Vietnam:** A 7-year-old boy in Tuyen Quang province died of rabies after being bitten by his family dog without being vaccinated (Gerome, 2024). The boy's condition deteriorated rapidly, and his family requested permission to take him home. A 72-year-old woman in Hoa Binh was diagnosed with rabies, tetanus, and septic shock after being bitten by a 3-month-old puppy. Since 2024, Vietnam has recorded 44 human deaths from rabies in 23 provinces and cities, an increase of 30% from the previous year. 146 rabies outbreaks have been detected in 34 provinces and cities, leading to the eradication of 395 sick dogs and cats. The increasing number of rabies cases is attributed to a low vaccination rate of 48.35%, lack of dog management, and a lack of muzzles for dogs. [\[Full article\]](#)

VECTOR-BORNE DISEASES

Dengue Cases in the ASEAN Region

From January 1 to June 22, 2024 (Epi-Week 25)



Dengue cases in the ASEAN region

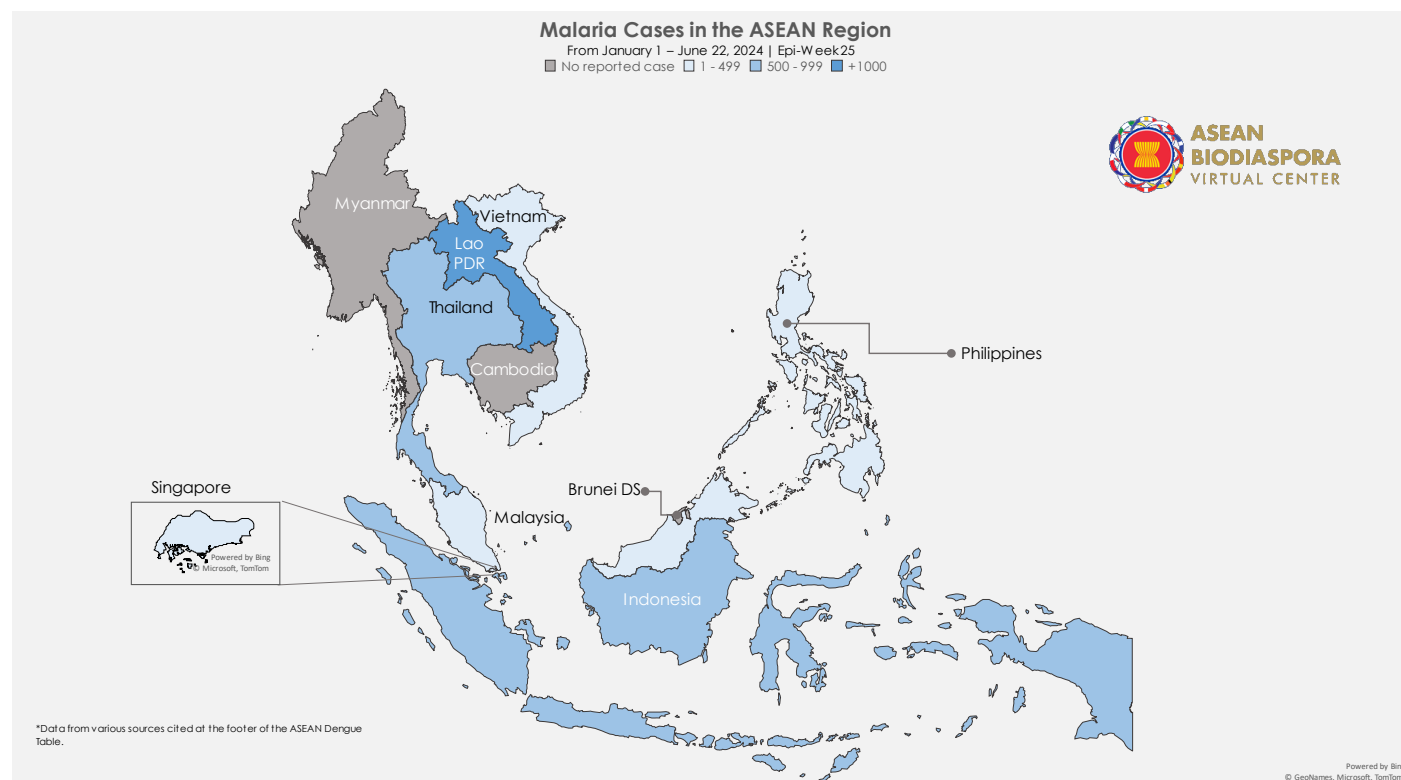
Country	Epi-Week Reported	Cumulative Dengue Cases	New Cases Since the Previous Report	Cumulative Deaths	New Deaths	CFR
Brunei Darussalam	-	-	-	-	-	-
Cambodia ¹	Week 22	5,927	-	22	-	0.37%
Indonesia ^{2*}	Week 21	109,597	-	720	-	0.66%
Lao PDR ¹	Week 22	3,259	-	0	-	0.00%
Malaysia ³	Week 23	67,137	-	48	-	0.07%
Myanmar	-	-	-	-	-	-
Philippines ⁴	Week 24	70,500	-	197	-	0.28%
Singapore ^{5**}	Week 24	8,671	306	0	0	0.00%
Thailand ^{6***}	Week 23	36,246	3,113	37	5	0.10%
Vietnam ¹	Week 23	23,614	-	2	-	0.01%
Total		324,951	3,419	1,026	5	0.32%

1. WHO WPRO, "Dengue," World Health Organization, accessed June 25, 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 June 25, 2024. https://www.moh.gov.my/index.php/database_stores/store_view/17
 4. Bluedot Developer Portal, accessed June 25, 2024. <https://developer-portal.bluedot.global/>.
 5. Ministry of Health, "Weekly Infectious Disease Bulletin", accessed June 25, 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 June 25, 2024. <http://doe.moph.go.th/surdata/index.php>
- Data were updated and collected from official sources, which may have a 2-8 weeks delay in reporting. Data must be interpreted cautiously.
- *Notified dengue cases only includes severe cases Dengue Hemorrhagic fever (DHF) and Dengue Shock Syndrome (DSS)
- **Notified dengue cases only includes Dengue Fever (DF) and DHF
- ***Notified dengue cases include all type of cases DF, DHF, and DSS

- The **ASEAN** region reported **3,419** new dengue cases since the previous report. The region reported **324,951** total cases with **0.32%** CFR.

Malaria Cases in the ASEAN Region

From January 1 to June 22, 2024 (Epi-Week 25)



Malaria cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Malaria Cases	New Cases Since the Previous Report	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia	-	-	-	-	-
Indonesia ¹	Week 14	754	-	7	0.93%
Lao PDR ²	Week 25	4,443	324	3	0.07%
Malaysia ¹	Week 10	2	-	0	0.00%
Myanmar ¹	-	-	-	-	-
Philippines ¹	Week 6	2	-	0	0.00%
Singapore ³	Week 24	10	0	0	0.00%
Thailand ⁴	Week 23	1,637	322	0	0.00%
Vietnam ¹	Week 11	141	-	0	0.00%
Total		6,342	647	10	0.14%

1. Bluedot Platform, accessed June 25, 2024 (<https://portal.bluedot.global/>)
2. Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed June 25, 2024 (<https://www.facebook.com/CCEH.MoH.Lao/>)
3. Ministry of Health Singapore, accessed June 25, 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 June 25, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **647** new malaria cases since the previous report. The region reported **6,342** total cases with **0.14%** CFR.

Media Monitoring for Vector-borne Diseases

Epidemiological Week 25 | June 16 – 22, 2024

Global Situation for Vector-borne Diseases

Dengue

- **Bangladesh:** 27 people were hospitalized with dengue fever (DF) in Dhaka, with 64 receiving treatment (UNB, 2024). Since January 1, 2024, there were 3,304 cases reported, with 1,705 deaths in 2020. The DGHS recorded 321,179 cases and 3, 18,749 recoveries last year. [\[Full article\]](#)
- **France:** Dengue fever has reached a record high in France, with 2,666 cases reported in 2024 (Roucaute, D., 2024). The virus is primarily imported from Martinique and Guadeloupe, with 76% of cases coming from these islands. The disease is asymptomatic but can be fatal. Since summer 2023, a significant epidemic has been occurring in the Caribbean islands, with 35,000 symptomatic cases and 85 people treated in intensive care units. Nineteen people died in one year, a typical mortality rate for endemic islands. The epidemic is still ongoing in Martinique, despite Guadeloupe's declining phase. [\[Full article\]](#)
- **Germany** Health Authorities reported 24 new imported dengue cases last week (Fundación iO, 2024). The case increased the total to 979 cases this year, surpassing 898 registered in 2023. [\[Full article\]](#)
- **Italy:** A case of dengue has been reported in Bologna's Massarenti area, following previous cases last summer. The Municipality of Bologna is implementing prophylactic measures, including daytime disinfestation to prevent secondary cases (Redazione, 2024). The treatment area includes homes in various areas, including via Albertoni, Bentivogli, Libia, Massarenti, Palagi, Vizzani, Garzoni, and all residents. The Municipality also urges private entities to treat rainwater wells and manholes with specific larvicidal products and avoid water stagnation to prevent tiger mosquito larval development. [\[Full article\]](#)
- **Sri Lanka:** The National Dengue Control Unit reported a significant increase in dengue cases in Sri Lanka, with 2,044 cases reported in the past 20 days, compared to 2,647 in May 2024 (Staff Writer, 2024). The highest number of cases was reported in the Western Province, and nine dengue-related deaths were also reported this year. [\[Full article\]](#)
- The **United States (US):** Dengue cases in the Americas region have surpassed yearly maximums in the first half of 2024, with over 9.3 million reported by 43 countries and territories (Schnirring, 2024). Six countries, mainly Brazil, accounted for nearly all deaths. The Caribbean region saw the most sharp increase, followed by the Southern Cone, Central America, Mexico, and Andean-region countries. The Pan American Health Organization urges countries to continue surveillance, diagnosis, treatment, and vector control activities. [\[Full article\]](#)

Leptospirosis

- **Sri Lanka:** The Ministry of Health reports 5,000 Leptospirosis cases in the first six months of the year, with around 100 fatalities reported annually (AdaDerana, 2024). Rat fever, primarily found in rat urine, can also be found in cattle, dogs, and pigs' feces and urine. The disease is more susceptible to individuals with cuts or injuries and can be cured through contaminated water. The risk is highest among farmers, gem miners, and workers cleaning waste or drainages, with cases frequently reported in districts like Ratnapura, Galle, Kegalle, Matara, Kalutara, Monaragala, and Kurunegala. [\[Full article\]](#)

Regional Situation for Vector-borne Diseases

Dengue

- **Indonesia** has recorded 119,709 cases of dengue fever in the 22nd week of 2024, with 777 deaths, higher than the total in 2023 (Putri, 2024). The dry season is predicted to peak in July and August 2024, with drought predicted in parts of South Sumatra, East Java, Kalimantan, Bali, NTB, NTT, Sulawesi, Maluku, and parts of Papua Island. The emergence of dengue fever cases in the dry season is feared due to the *Aedes Aegypti* mosquito's increased activity during hot and humid weather. The Ministry of Health has issued six national strategies for controlling dengue fever, including strengthening vector management, increasing access and quality of dengue management, and strengthening dengue surveillance. [\[Full article\]](#)

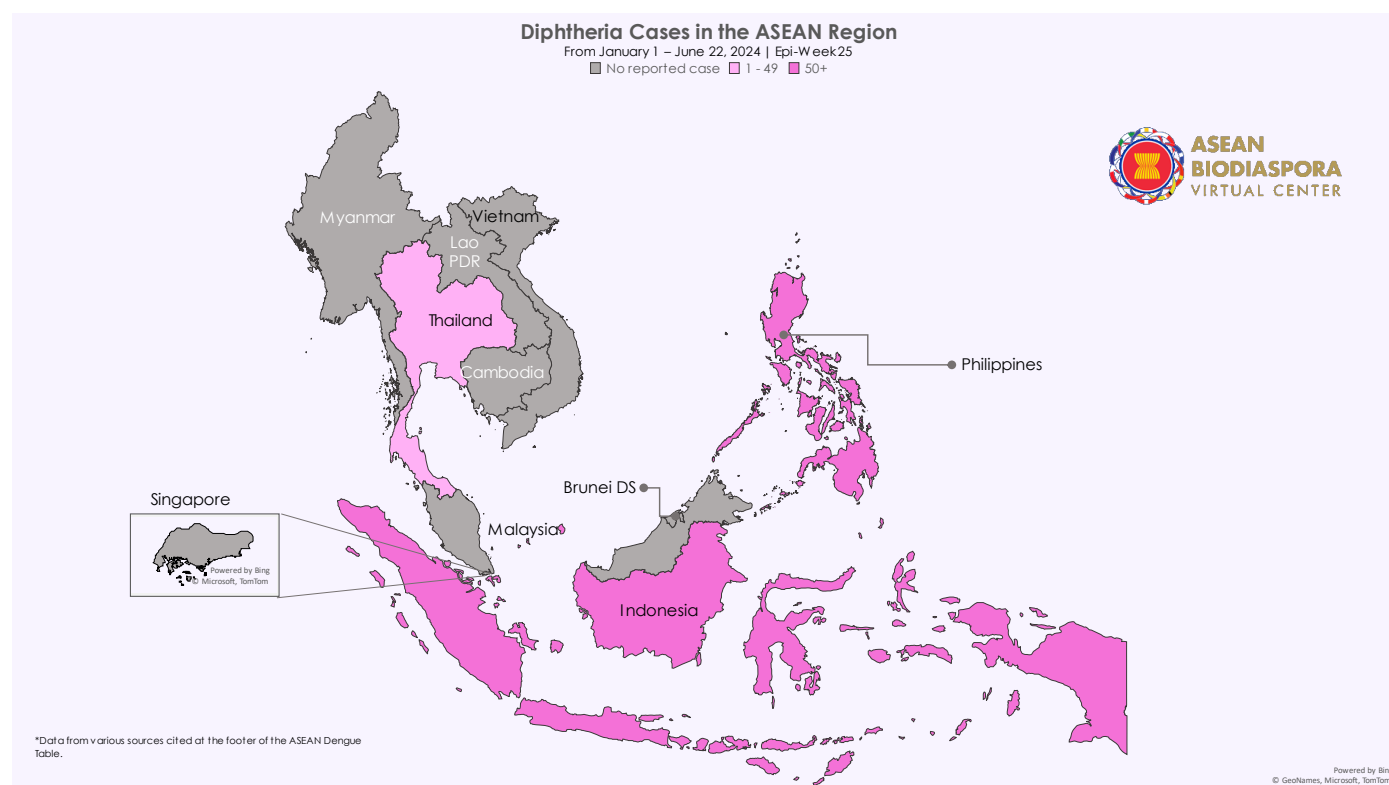
In Bangka District, Bangka Belitung Province DHF cases are increasing, with 134 cases reported as of June this year (Reynaldi, 2024). The highest number was in the Baturusa area with 37 cases and Kenanga with 32 cases. [\[Full article\]](#)

- **Vietnam:** The number of dengue fever cases in Hanoi has increased significantly, with 38 cases recorded in the past week, a 44% increase from the previous week (Khue, M., 2024). This is the second consecutive week of increased cases, with 783 cases recorded from the beginning of 2024 to now. Hanoi has had 12 dengue fever outbreaks, with three active outbreaks in Bai Thap and Dong Van villages. [\[Full article\]](#)

VACCINE-PREVENTABLE DISEASES

Diphtheria Cases in the ASEAN Region

From January 1 to June 22, 2024 (Epi-Week 25)



Diphtheria cases in the ASEAN region

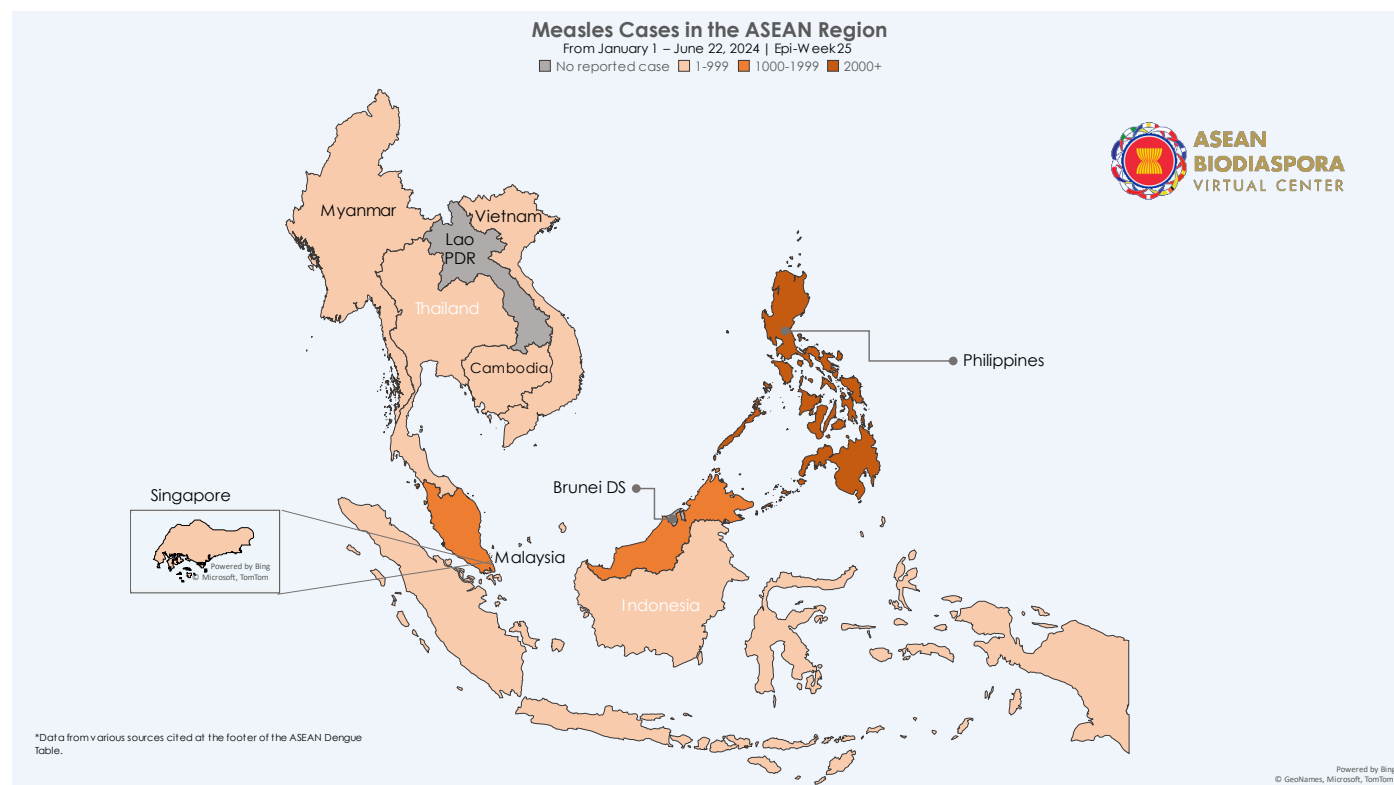
Country	Epi-Week Reported	Cumulative Diphtheria Cases	New Cases Since the Previous Report	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia	-	-	-	-	-
Indonesia ¹	Week 23	308	-	16	5.19%
Lao PDR	-	-	-	-	-
Malaysia	-	-	-	-	-
Myanmar	-	-	-	-	-
Philippines ²	Week 22	110	-	0	0%
Singapore ³	Week 24	0	0	0	0%
Thailand ⁴	Week 23	2	0	1	50%
Vietnam ⁵	-	-	-	-	-
Total		420	0	17	4.05%

1. Ministry of Health, Republic of Indonesia.
2. BlueDot Platform, accessed June 25, 2024 (<https://developer-portal.bluedot.global/>)
3. Ministry of Health Singapore, accessed June 25, 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 June 25, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The ASEAN region reported **NO** new diphtheria cases since the previous report. The region reported **420** total cases with **4.05%** CFR.

Measles Cases in the ASEAN Region

From January 1 to June 22, 2024 (Epi-Week 25)



Measles cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Measles Cases	New Cases Since the Previous Report	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia¹	Week 18	4	-	0	0%
Indonesia²	Week 23	933	-	0	0%
Lao PDR	-	-	-	-	-
Malaysia¹	Week 24	2,008	-	0	0%
Myanmar¹	Week 22	19	-	0	0%
Philippines³	Week 24	2,655	-	3	0.11%
Singapore⁴	Week 24	8	0	0	0%
Thailand⁵	Week 23	1,030	87	0	0%
Vietnam³	Week 24	90	-	0	0%
Total		6,747	87	3	0.04%

- Provisional Measles and Rubella Data, World Health Organization, accessed June 25, 2024 (<https://immunizationdata.who.int/global?topic=Provisional-measles-and-rubella-data&location=>)
- Ministry of Health, Republic of Indonesia
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- Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed June 25, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **87** new measles cases since the previous report. The region reported **6,747** total cases with **0.04%** CFR.

Media Monitoring for Vaccine-Preventable Diseases

Epidemiological Week 25 | June 16 – 22, 2024

Global Situation for Vaccine-Preventable Diseases

Diphtheria

- **India:** The Odisha Government has directed the Health Department and Regional Medical Research Center (RMRC) to investigate recent diphtheria cases in Rayagada district, following a confirmed death (Pattnaik, A., 2024). The government has reported 21 cases in three districts, with special health teams conducting surveillance and taking precautionary measures. [\[Full article\]](#)

Measles

- **Australia:** A one-year-old boy has been diagnosed with measles in Adelaide after recently returning from overseas (Bennet, E., 2024). The State's Health Department reported the case was the sixth case recorded in the state so far this year. [\[Full article\]](#)
- **Greece:** The European Union is experiencing an increasing trend of measles cases, with 3,876 new cases reported from June 6 to 12 (Ygeianet, 2024). The ECDC warns of serious risks due to suboptimal vaccination coverage. Since December, 25 cases have been recorded in Greece, and 16 deaths have been recorded. The total number of cases is expected to continue rising. [\[Full article\]](#)
- **Russia:** A measles outbreak has been reported in Ufa's KBSMP hospital, where a highly contagious infection was diagnosed in a department nurse (Kinzikeeva, 2024). The nurse, who was vaccinated twice in childhood and worked in a medical institution, is preparing for discharge and a quarantine has been introduced, transferring new patients to other Ufa hospitals. [\[Full article\]](#)

Pertussis

- **Australia:** New South Wales (NSW) health data shows whooping cough rates are at their highest in almost a decade, with pneumonia figures more than double what they were last year (Mackay, 2024). The latest NSW Health respiratory surveillance report shows that for every 100,000 people in the state, there have been 103.1 notifications of pertussis, or whooping cough, so far this year. [\[Full article\]](#)
- **Canada:** Whooping cough, a highly contagious disease, is circulating in schools across Quebec, with 2,465 cases reported since the start of the year (Agence QMI, 2024). Regions like Chaudière-Appalaches are more affected, with 620 cases in the first six months of 2024. Public health specialists emphasize the risk for babies under one year old, who can suffer severe illnesses. [\[Full article\]](#)
- In Ontario Whooping cough cases are increasing, with at least 70 cases reported since the start of the year (Katawazi, M., 2024). Experts urge parents to monitor their children for symptoms, as the illness can be particularly dangerous to young children. The rise in cases is not unique to Ontario, but can be mitigated with timely vaccinations. [\[Full article\]](#)
- **Kazakhstan:** Since 2024, there has been a significant increase in whooping cough cases in the Pavlodar region, with 68 confirmed cases recorded (Loginov, R., 2024). This serious respiratory disease is particularly dangerous for children under 14, leading to pneumonia and brain damage. In 2024, three children died due to unvaccinated children, with 90% of the sick being unvaccinated. The main prevention method is vaccination, as there is no specific drug for the disease. [\[Full article\]](#)

- The **United States (US)**: Washington has seen 280 pertussis cases in just six months, a ten-fold increase from the 24 recorded in 2023 (Schrager, D., 2024). This is the highest level since a spike in late 2019 and early 2020. The spike is part of a nationwide trend, with the U.S. seeing three times as many cases as it did by early June 2023. Only six states have seen more cases than Washington. [\[Full article\]](#)

Regional Situation for Vaccine-Preventable Diseases

Measles

- **Vietnam**: Children's Hospital 1 in Ho Chi Minh City is treating five measles cases, mainly in children aged 24 months and not fully vaccinated (Herriman, 2024). The Department of Health of Ho Chi Minh City has issued an urgent dispatch to ensure measles treatment, prevention, and monitoring. The city area aims to be proactive in treatment, early detection, and prevention of infection risks, and limit epidemic outbreaks. Hospitals must review resources, consolidate activities, plan for drugs, medical equipment, and supplies, and coordinate with the city's treatment expert team. [\[Full article\]](#)

Pertussis

- The **Philippines**: Pertussis cases in Negros Occidental have increased to 36, with 50 of the 100 cases found to be negative (Beltran, R., 2024). The province has recorded one pertussis-related death in the past months. Pertussis, also known as whooping cough, is highly contagious and causes a severe hacking cough. From January to June, 16 cases were reported. [\[Full article\]](#)
- **Vietnam**: The Ho Chi Minh City Department of Health reported an increase in whooping cough cases since 2024, with most infected children not yet of vaccination age or fully vaccinated (PHUONG, 2024). The majority of cases are in children under 3 months old, with 75.7% not yet vaccinated. As of June 12, the city recorded 30 cases, with 90% in children under 5 years old and 40% in children under 2 months old. [\[Full article\]](#)

Media Monitoring for Other Diseases

Epidemiological Week 25 | June 16 – 22, 2024

Global Situation for Other Diseases

Typhoid

- **India:** Twelve children aged 5-10 from Sadanand Nagar, Mangalwar Peth, have been admitted to Kamala Nehru Hospital in Pune for abdominal pain, vomiting, and diarrhea (Pathare, V., 2024). The situation is under control, and six children have been found to have typhoid. Three children are suspected cases with similar symptoms. [\[Full article\]](#)
- **Ukraine:** Typhoid fever has reportedly spread among Ukrainian military personnel in the Kherson region, with 62 cases registered as of June 10 (Kazantsev, A., 2024). The disease, caused by *Salmonella Typhi*, is life-threatening and can cause severe symptoms such as high fever, fatigue, headache, nausea, abdominal pain, constipation, and diarrhea. The pro-Russian underground reported the outbreak to RIA Novosti, while Russian tourists were advised not to buy dollars for 200 rubles at exchange offices. [\[Full article\]](#)

Regional Situation for Other Diseases

Hand, Foot, and Mouth Disease

- **Vietnam:** According to the Hanoi Department of Health report Hand, foot, and mouth epidemic recorded 1,472 cases in 30/30 districts, towns, and cities (P.V. , 2024). The number of cases increased compared to the same period in 2023 which is 764 cases, recording 37 outbreaks, and currently all operations have ended [\[Full article\]](#)



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

Epidemiological Week 25 | From January 1 to June 22, 2024

Infectious Diseases	COVID-19			Mpox			Rabies			Dengue		
	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	82,279	77	0.10%	-	-	-	Rabies-free Country			-	-	-
Cambodia	824	0	0%	13	0	0%	-	-	-	5,927	20	0.37%
Indonesia	117,730	1,453	1.26%	88	0	0%	37	37	100%	109,597	720	0.66%
Lao PDR	1,470	87	6.55%	1	0	0%	-	-	-	3,259	0	0%
Malaysia	275,137	494	0.20%	9	0	0%	79	79	100%	67,137	48	0.07%
Myanmar	9,104	5	0.06%	-	-	-	-	-	-	-	-	-
Philippines	141,371	1,467	1.04%	5	0	0%	169	169	100%	70,500	197	0.28%
Singapore	819,481	313	0.04%	41	0	0%	Rabies-free Country			8,671	0	0%
Thailand	71,504	1,011	2.15%	762	1	0.13%	0	0	0%	36,246	32	0.10%
Vietnam	101,828	20	0.02%	191	8	4.19%	44	44	100%	23,614	2	0.01%
ASEAN Region	1,620,728	4,927	0.32%	1,110	9	0.81%	329	329	100%	324,951	1,026	0.32%

Infectious Diseases	Malaria			Measles			Diphtheria		
	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	-	-	-	-	-	-	-	-	-
Cambodia	-	-	-	4	0	0%	-	-	-
Indonesia	754	7	0.93%	933	0	0%	308	16	5.19%
Lao PDR	4,443	3	0.07%	-	-	-	-	-	-
Malaysia	2	0	0%	2,008	0	0%	-	-	-
Myanmar	-	-	-	19	0	0%	-	-	-
Philippines	2	0	0%	2,655	3	0.11%	110	0	0%
Singapore	10	0	0%	8	0	0%	0	0	0%
Thailand	1,637	0	0%	1,030	0	0%	2	1	50%
Vietnam	141	0	0%	90	0	0%	-	-	-
ASEAN Region	6,342	10	0.14%	6,747	3	0.04%	420	17	4.05%

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