

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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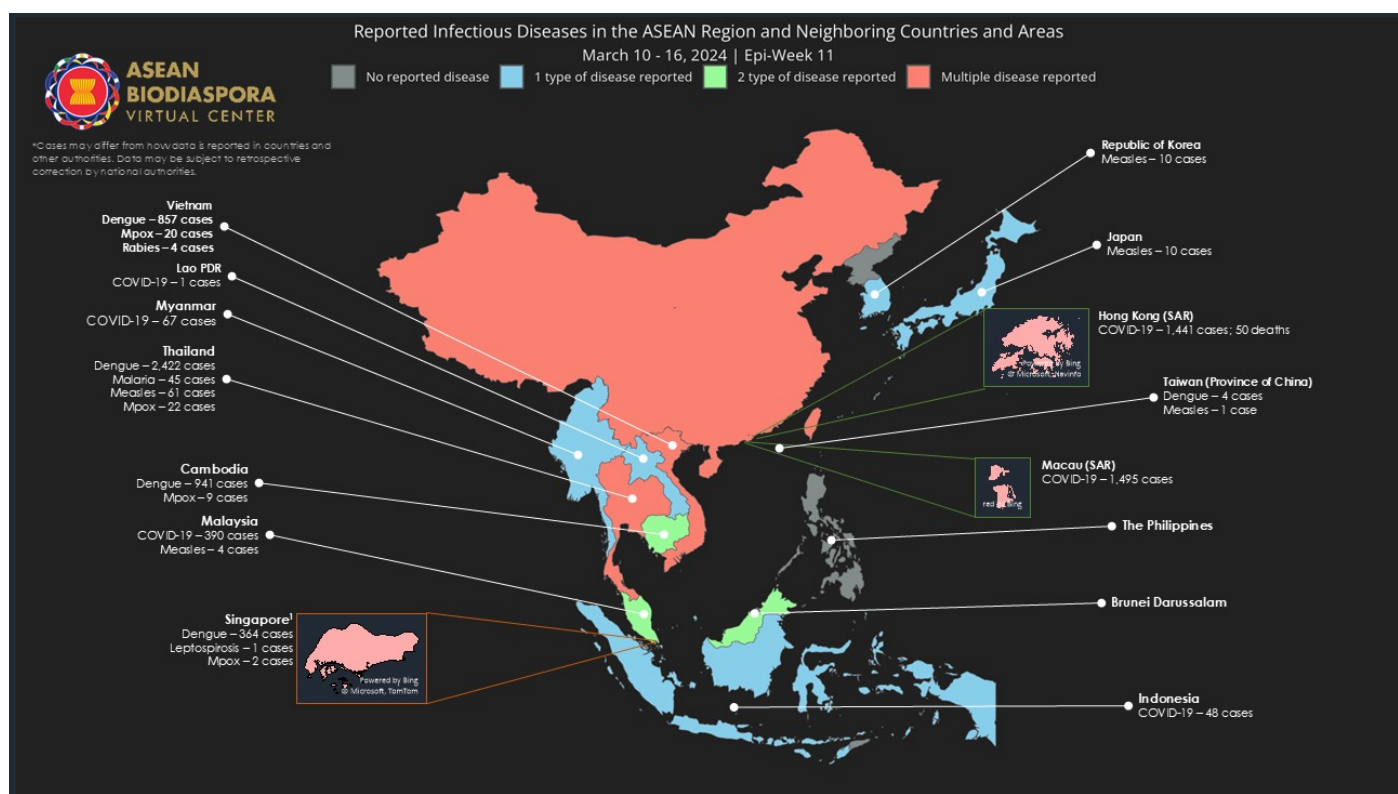
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Key Findings

- In recent months, trends of COVID-19 cases and deaths in the ASEAN region have gradually decreased.
- The **JN.1**, which is subtypes of **BA.2.86**, remains a dominant variant of interest spreading in the ASEAN region until the early of March 2024.
- There are **53** new mpox cases in the ASEAN region since the last report.
- **Four** rabies cases have been detected since the last report.
- Dengue cases has increased by **10,043** since the last report. Meanwhile, **47** new malaria cases have been found since the last report for vector-borne diseases in the ASEAN region.
- There have been **65** new measles since the last report of vaccine-preventable diseases in the ASEAN region.

Reported Infectious Diseases in the ASEAN Region and Neighboring Countries

Epidemiological Week 11 | March 10 – 16, 2024



Source: AMS Official Sources, [Worldometer](#), [WHO](#), [Our World in Data](#), and [Bluedot Platform](#), accessed on March 19, 2024

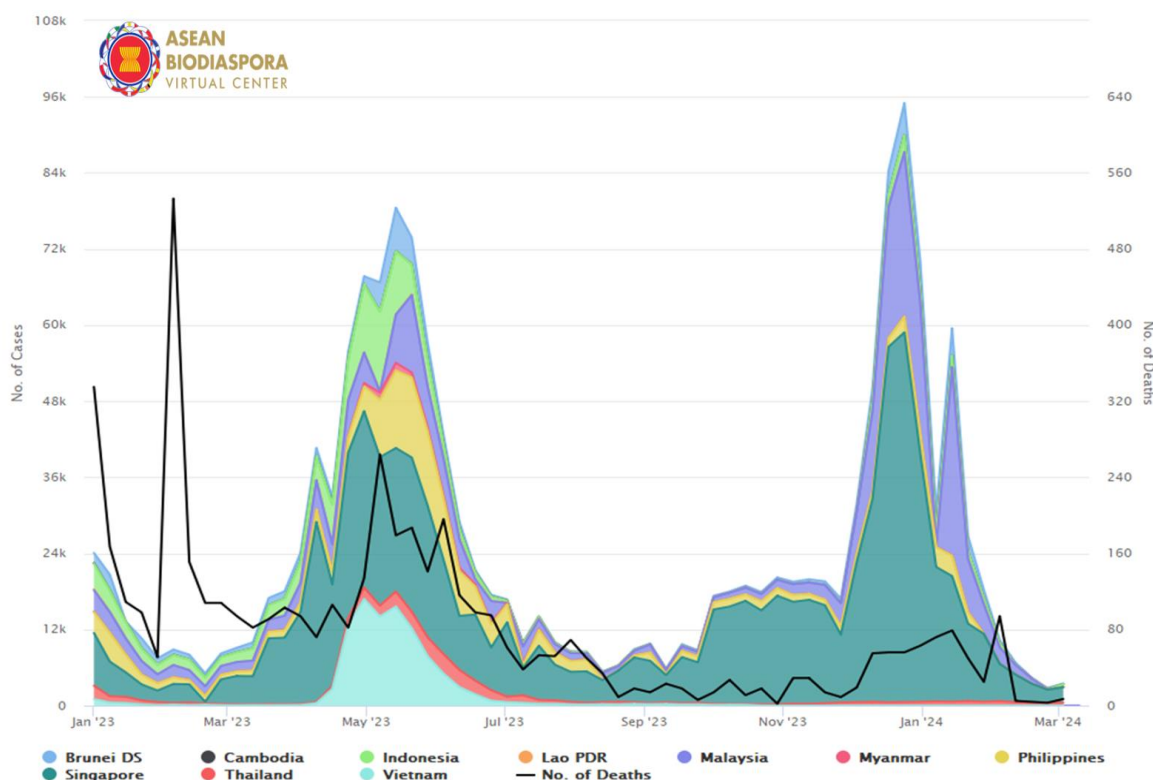
EMERGING DISEASES

COVID-19: Highlights and Situation Overview

- As of 16 March 2024 (5PM, GMT+7), there were **704,241,000** confirmed cases **worldwide**, including **7,006,163 deaths**. Globally, Case Fatality Rate (CFR) was **0.99%**.
- 36,988,267 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

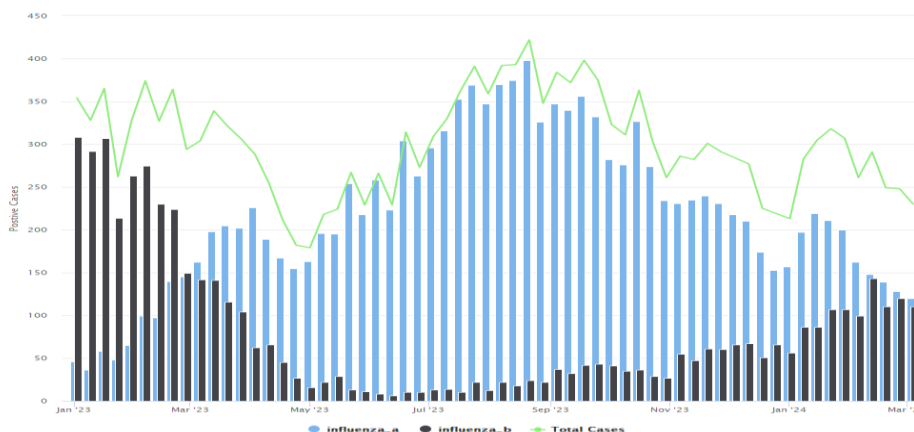
From January 1 to March 16, 2024



Source: [Worldometer](#), [WHO](#), and [Our World in Data](#)

Trends of Influenza Confirmed Cases in the ASEAN region

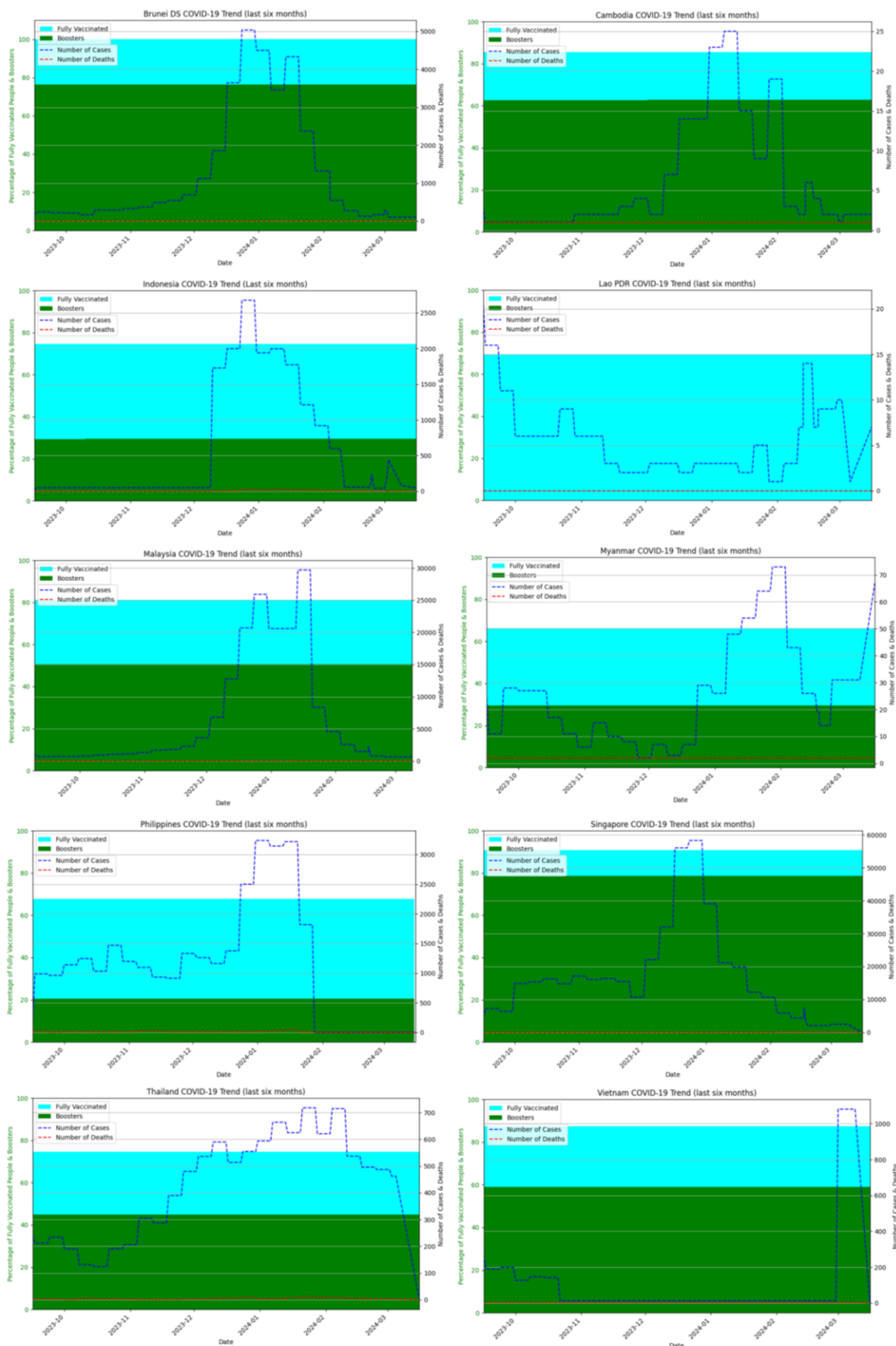
From January 1 to March 16, 2024



Source: FluNet, accessed on March 19, 2024 (<https://www.who.int/tools/fluNet>)

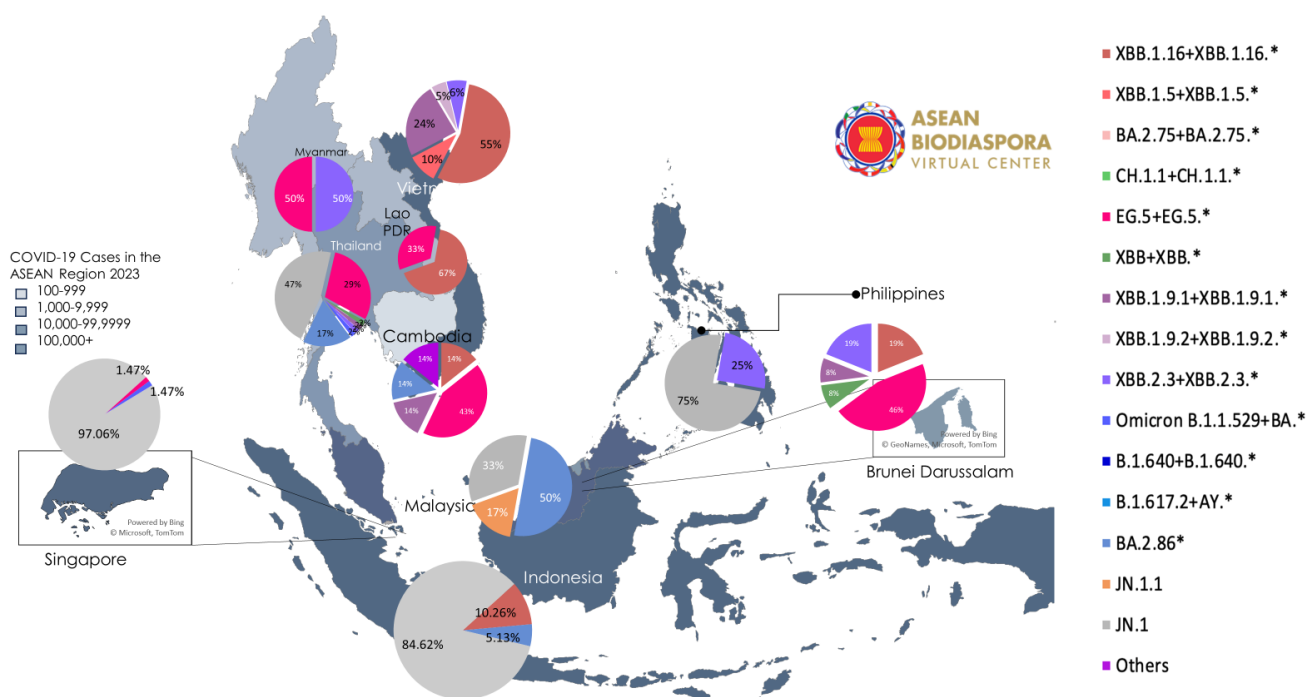
Trends of COVID-19 Cases, Deaths, and Vaccine Coverage among AMS

From September 16, 2023 to March 16, 2024



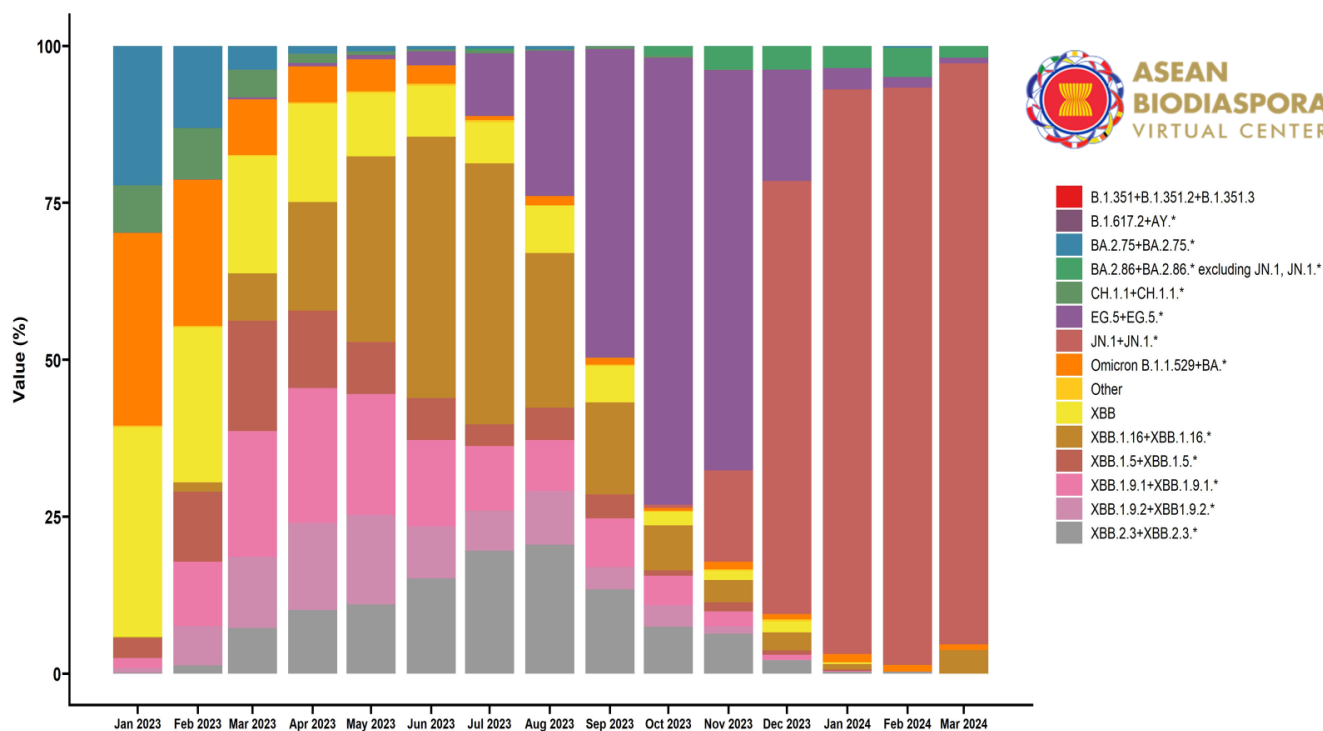
Source: [Worldometer](#), [Our World In Data](#), and [WHO](#)

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



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

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

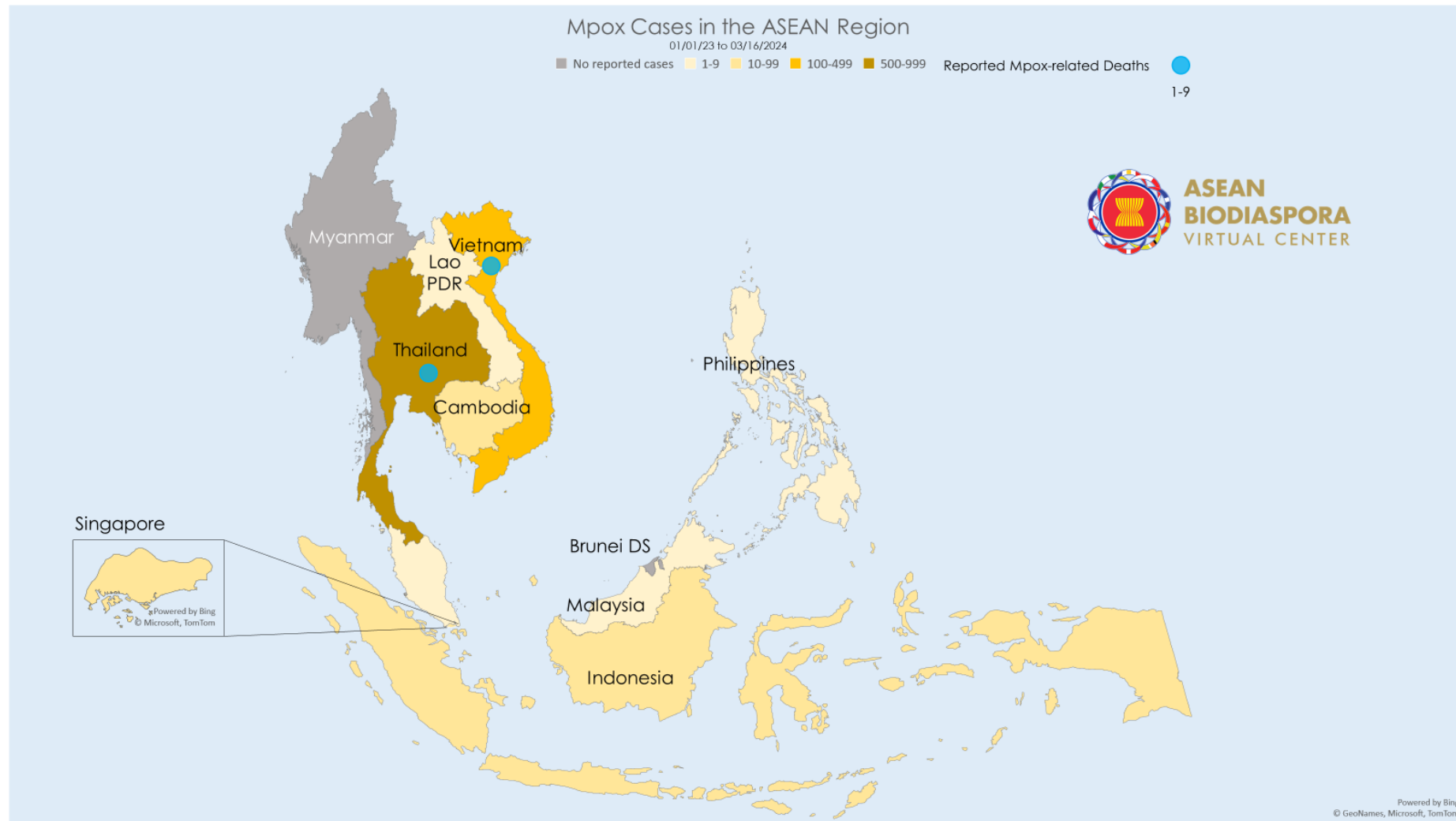


Source: GISAIID. "hCoV-19 Variants Dashboard," accessed on March 19, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)



Mpox Cases Reported in the ASEAN Region

January 1, 2023 – March 16, 2024



Source:

1. Ministry of Health Republic of Indonesia
2. Bluedot Platform, accessed on March 19, 2024 (<https://portal.bluedot.global/>)
3. Ministry of Health Singapore, accessed March 19, 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 16 March 2024, **11,666** confirmed cases worldwide, including **122** deaths. Globally, the CFR was **1.05%**.
- 1036 confirmed cases** including **eight deaths** in the **ASEAN** region, with a CFR of **0.77%**.
- 10,630 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 March 16, 2024)

ASEAN Member States	Cumulative Cases 2023-2024	New Cases Since Previous Report	Cumulative Deaths 2023	CFR
Cambodia ¹	13	9	0	0.00%
Indonesia ²	85	0	0	0.00%
Lao PDR ¹	1	0	0	0.00%
Malaysia ¹	9	0	0	0.00%
Philippines ¹	5	0	0	0.00%
Singapore ³	37	2	0	0.00%
Thailand ¹	731	22	1	0.14%
Vietnam ¹	155	20	7	4.52%
ASEAN Total	1036	53	8	0.77%

Source:

1. Bluedot Platform, accessed on March 19, 2024 (<https://portal.bluedot.global/>)
2. Ministry of Health Republic of Indonesia
3. Ministry of Health Singapore, accessed on March 19, 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 March 16, 2024)

Country	Cumulative Cases 2023 & 2024	New Cases Since Previous Report	Cumulative Deaths 2023 & 2024	CFR
United States of America	2,197	224	37	1.68%
People's Republic of China	2,028	6	1	0.05%
Democratic Republic of Congo	1,356	287	2	0.15%
Thailand	731	22	1	0.14%
Brazil	456	0	2	0.44%

Source: Our World in Data, accessed on March 19, 2024 (<https://ourworldindata.org/monkeypox>)

Mpox cases per region (Jan. 1, 2023 to March 16, 2024)

REGIONS	CUMULATIVE CASES 2023	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS 2023	CFR
AFRICA	1,512	287	7	0.46%
AMERICAS	4,276	228	86	2.01%
ASEAN	1,036	53	8	0.77%
ASIA & OCEANIA	3,522	16	16	0.45%
EUROPE	1,320	195	5	0.38%
TOTAL	11,666	779	122	1.05%

Source: Our World in Data, accessed on March 12, 2024 (<https://ourworldindata.org/monkeypox>)

Media Monitoring for Emerging Diseases

Epidemiological Week 11 | March 10 – 16, 2024

Global Situation for Emerging Diseases

COVID-19

- **Australia:** South Australia (SA) reported 1,241 new COVID-19 cases in the past week, with 3,951 people receiving a PCR test (Mirage News, 2024). The number of cases has been readjusted due to data reconfiguration. SA Health encourages everyone to be up-to-date with vaccinations and to have a plan with their general practitioner (GP) for polymerase chain reaction (PCR) testing and antiviral treatments if symptoms develop. [\[Full article\]](#)
- **Bangladesh** has reported 93 more COVID-19 cases in a week, reaching 2,049,059 (Daily Bangladesh, 2024). The country's total deaths remain at 29,492, and 1,734 samples were tested, with a positivity rate of 5.24% and a recovery rate of 98.40%. 70 people have recovered in 24 hours. [\[Full article\]](#)
- **China:** The Chinese Center for Disease Control and Prevention (CDC) reports that the JN.1 variant of COVID-19 has become the dominant strain in China, with 358 new serious cases and 22 deaths reported from February 1-29 (Li Yan, 2024). The majority of valid sequences were Omicron variant strains, with the proportion of JN.1 increasing. The number of fever outpatient consultations has fluctuated, with a positive rate of 14.3% in influenza-like cases. [\[Full article\]](#)
- **India:** The coronavirus pandemic continues to spread, with Delhi experiencing the highest daily cases since May 2023 (MSN, 2024). India has registered 1,158 active cases today, an increase of 31 cases compared to the last 24 hours. Delhi's fortnightly numbers also show a sharp spike, with 459 cases reported in the last fortnight ending on March 7. [\[Full article\]](#)

In Jaipur, 17 people tested positive on March 14. 85 people in the city are undergoing treatment, while 188 people in the state are taking it (TNN, 2024). [\[Full article\]](#)

- **New Zealand:** COVID-19 cases have decreased since last week, with 4,803 new cases reported and 24 deaths attributed to the virus (News R, 2024). The health agency advised household contacts of someone positive to stay home and test daily unless they develop symptoms themselves. If a person tested negative but had COVID-19 symptoms, they should stay at home and test again in 24 and 48 hours. [\[Full article\]](#)
- The **United States (US):** Lexington, Kentucky, has experienced a significant increase in COVID-19 cases and deaths over the past four years, with 132,025 confirmed cases and 828 deaths (John McGary, 2024). The Lexington-Fayette County Health Department reported that 828 families have been irreversibly changed due to the pandemic. [\[Full article\]](#)

Michigan reported 1,848 confirmed COVID-19 cases, a 24% decrease from the previous week, with the number of confirmed positive hospital patients dropping to 410 (Bridge Michigan, 2024). The state also reported 66 additional COVID-19-positive deaths, a 10% increase from the previous week. As of 2024, there have been 493 COVID-19 deaths. [\[Full article\]](#)

Regional Situation for Emerging Diseases

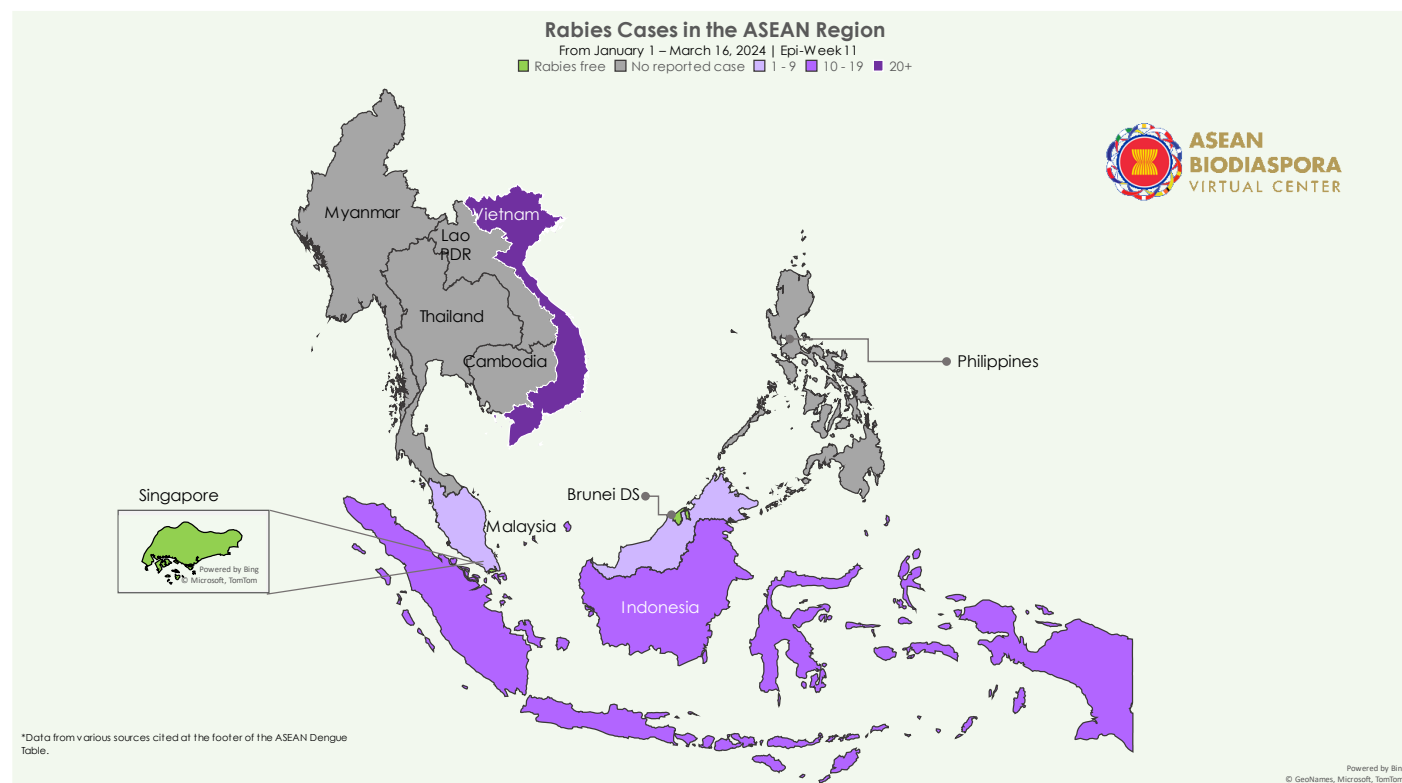
COVID-19

- The **Philippines:** COVID-19 situation has improved four years after the pandemic, with the average daily cases now less than 40 (Ombay, 2024). The country implemented a mass vaccination campaign and reported 251 new cases from February 27 to March 4, 2024, a 27% decrease from the previous year. The number of new cases per day has risen from 25 to 30 per day to around 25 to 30 per day. The Philippines has moved past the worst of the pandemic, with only 115 (10%) ICU beds occupied and 1,119 (11%) dedicated non-ICU beds in use. Only 156 severe and critical cases were admitted to hospitals, and seven deaths were recorded. The Department of Health is prepared to handle another pandemic, citing lessons learned from COVID-19. The Philippines lifted the State of Public Health Emergency due to COVID-19 in July 2021. [\[Full article\]](#)

ZOONOSIS

Rabies Cases in the ASEAN Region

From January 1 to March 16, 2024 (Epi-Week 11)



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 8	12	0	12	100%
Lao PDR	-	-	-	-	-
Malaysia ²	Week 4	3	0	3	100%
Myanmar	-	-	-	-	-
Philippines ³	-	-	-	-	100%
Singapore	Rabies-free country				
Thailand ⁴	Week 10	0	0	0	0%
Vietnam ²	Week 11	22	4	22	100%
Total		37	4	37	100%

1. Ministry of Health, Republic of Indonesia
2. BlueDot Platform, accessed March 19, 2024 (<https://portal.bluedot.global/>)
3. Department of Health Website, accessed March 19, 2024 "Statistics," (<https://doh.gov.ph/statistics>)
4. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed March 19, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **four** new rabies cases since the previous report. The region reported **37** total cases with **100%** CFR.

Media Monitoring for Zoonosis

Epidemiological Week 11 | March 10 – 16, 2024

Global Situation for Zoonosis

Rabies

- **India:** A 21-year-old woman who was bitten by a stray dog a month ago in Kolhapur died after taking her anti-rabies vaccination (ARV) course and while undergoing hospital treatment (Gupta, 2024). The woman developed a fever after receiving the final dose of ARV, lost sensation in her legs, and worsened symptoms. [[Full article](#)]

Regional Situation for Zoonosis

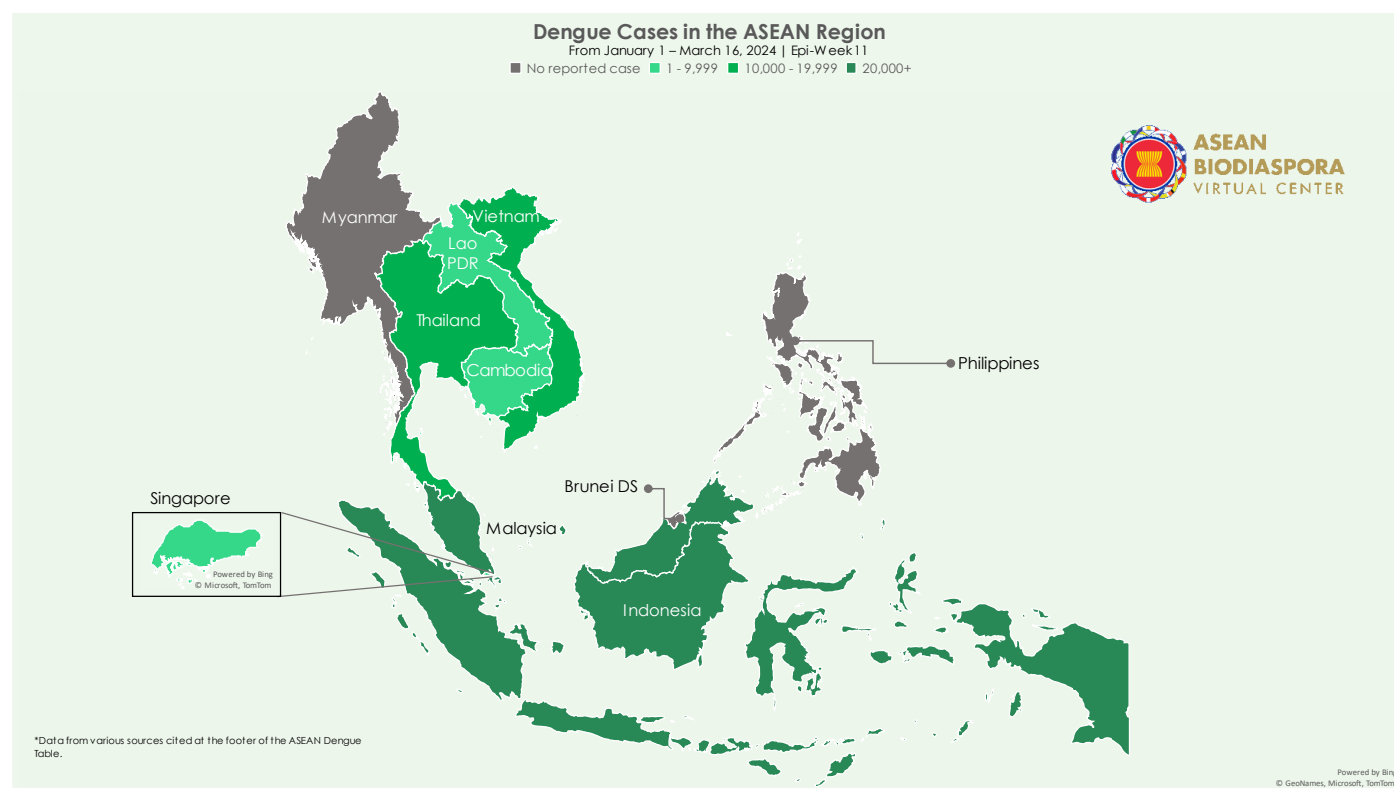
Rabies

- **Vietnam** experienced 22 rabies-related deaths in the first two months of this year, two times higher than last year, with five deaths in the Central Highlands region (Bernama, 2024). The Ministry of Health warns about increased risk due to poor vaccination rates among dogs and cats, with nearly 50% of the population vaccinated. People with dogs and cats are advised to be fully vaccinated and re-vaccinated annually. [[Full article](#)]

VECTOR-BORNE DISEASES

Dengue Cases in the ASEAN Region

From January 1 to March 16, 2024 (Epi-Week 11)



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 9	3,575	941	10	2	0.28%
Indonesia^{2*}	Week 10	27,417	5,459	250	59	0.91%
Lao PDR¹	Week 7	966	0	0	0	0.00%
Malaysia³	Week 8	29,113	0	16	2	0.05%
Myanmar⁴	-	-	-	-	-	-
Philippines⁵	-	-	-	-	-	-
Singapore^{6**}	Week 10	4,166	364	0	0	0.00%
Thailand^{7***}	Week 10	19,808	2,422	17	1	0.09%
Vietnam¹	Week 9	11,235	857	0	0	0.00%
Total		96,280	10,043	293	3	0.30%

1. WHO WPRO, "Dengue," World Health Organization, accessed March 19, 2024 (<https://www.who.int/westpacific/emergencies/surveillance/dengue>).

2. Ministry of Health, Republic of Indonesia

3. Disease Control Division, Ministry of Health Malaysia, accessed March 19, 2024, https://www.moh.gov.my/index.php/database_stores/store_view/17

4. Bluedot Developer Portal, accessed March 19, 2024, <https://developer-portal.bluedot.global/>.

5. Department of Health Website, accessed March 19, 2024 "Statistics," <https://doh.gov.ph/statistics>.

6. Ministry of Health, "Weekly Infectious Disease Bulletin", accessed March 19, 2024, <https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2024/weekly-infectious-diseases-bulletin>

7. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed March 19, 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 include severe cases DHF and DSS

**Notified dengue cases includes DF and DHF

***Notified dengue cases includes DF, DHF, and DSS

- The **ASEAN** region reported **10,043** new dengue cases in Cambodia, Singapore, Thailand, and Vietnam. The region reported **96,280** total cases with **0.30%** CFR.

Malaria Cases in the ASEAN Region

From January 1 to March 16, 2024 (Epi-Week 11)



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 6	675	0	0	0.00%
Lao PDR	-	-	-	-	-
Malaysia ¹	Week 10	2	0	0	0.00%
Myanmar ¹	-	-	-	-	0.00%
Philippines ¹	Week 6	2	0	0	0.00%
Singapore ³	Week 10	5	1	0	0.00%
Thailand ²	Week 10	405	46	0	0.00%
Vietnam ¹	Week 11	1	0	0	0.00%
Total		1,090	47	0	0.00%

1. Bluedot Platform, accessed March 19, 2024 (<https://portal.bluedot.global/>)
2. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed March 19, 2024 (<http://doe.moph.go.th/surdata/index.php>)
3. Ministry of Health Singapore, accessed March 19, 2024 (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)

- The **ASEAN** region reported **47** new malaria cases in Singapore and Thailand since the previous report. The region reported **1,090** total cases with **0.00%** CFR.

Media Monitoring for Vector-borne Diseases

Epidemiological Week 11 | March 10 – 16, 2024

Global Situation for Vector-borne Diseases

Dengue

- **Bangladesh:** Two more people died from dengue fever in Bangladesh, bringing the total fatalities to 20 this year (EM, 2024). The number of affected people increased to 1,484 this year, with 12 patients hospitalized. Four new cases were reported in the capital and eight outside. 65 patients were undergoing treatment at various hospitals. The country recorded its record highest dengue deaths in 2023, with 321,179 patients admitted and 318,749 released last year. [\[Full article\]](#)

Regional Situation for Vector-borne Diseases

Dengue

- **Indonesia:** Dengue fever cases in West Java have increased due to El Nino, reaching 7,543 cases as of March 8, 2024 and 58 cases have been fatal (Joumilena, E., 2024). The three cities with the highest dengue cases are Bogor City (848), West Bandung District (840), and Subang District (691). [\[Full article\]](#)

Other cases reported, DHF infected 229 people in Gunungkidul District in 2024, with two deaths (Ginting N.S, 2024). The highest cases were in Kapanewon Wonosari and Paliyan. Dengue cases increased sharply compared to 2023, with 260 cases and one death. [\[Full article\]](#)

The Bulukumba District Health Office in South Sulawesi has reported 130 cases of dengue hemorrhagic fever (DHF), with a 1.3% case fatality rate (Navidita, 2024). [\[Full article\]](#)

Six residents of Bandung died from dengue hemorrhagic fever (DHF) between January and March 2024, with 615 reported cases (Ramadhan, 2024). Head of Disease Prevention and Control, reported an increase in cases compared to 2023, with 615 cases in January compared to 321 in January. Although February saw a decrease of 251 cases, not all reports have been collected. [\[Full article\]](#)

- **Malaysia:** The state Health Department has reported 42 dengue fever cases as of the 11th week ending on March 12, with a cumulative total of 135 cases (Moroter, 2024). The department identified four hotspots in central Seberang Perai district, four localities in northeast, five in south, and one in southwest. The Desa Mawar neighborhood in northeast has been identified as a hotspot for dengue cases. [\[Full article\]](#)
- **Thailand:** Thailand is facing a severe dengue outbreak, with reported cases reaching 17,783, surpassing last year's figures (Tantivangphaisal, 2024). The Public Health Minister has highlighted the gravity of the situation, revealing 25 lives lost across 16 provinces. To combat the crisis, the Public Health Minister has issued directives to provincial disease control committees and enlisted the help of health volunteers to identify and eliminate mosquito breeding grounds using potent insecticides. [\[Full article\]](#)
- **The Philippines:** Dengue fever cases in Iloilo City, Western Visayas, increased by 1% from March 3 to March 9, with three deaths (Sornito, I., 2024). The virus, transmitted by mosquitoes, causes severe flu-like symptoms. The provinces and highly urbanized cities with the highest new cases include Iloilo province, Aklan, and Capiz and Iloilo City. [\[Full article\]](#)

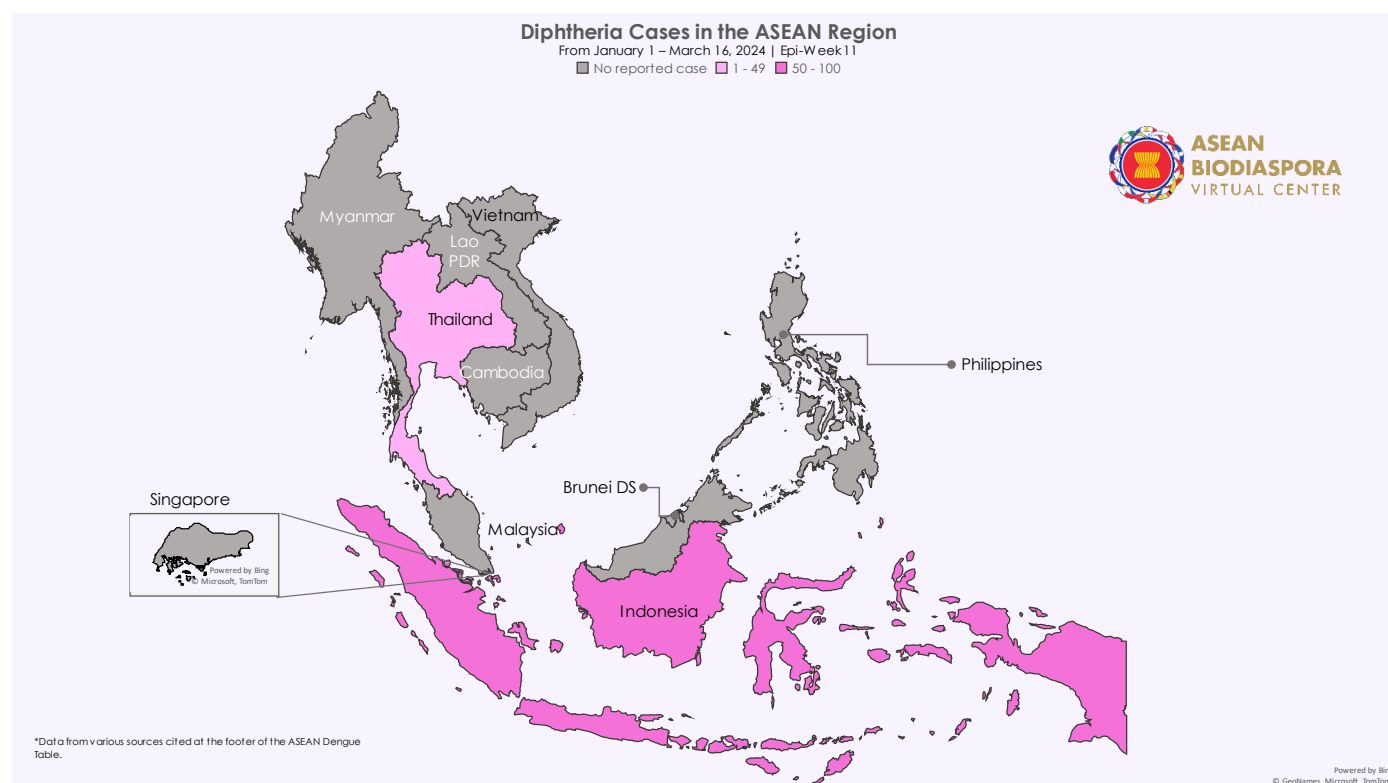
Malaria

- **Vietnam:** A 19-week pregnant woman, was diagnosed with malaria after leaving Angola for Vietnam (Le Chung, 2024). She was examined at Hue Central Hospital and hospitalized with fever, abdominal pain, fatigue, and low blood pressure. Rapid diagnostic tests by the Center for Disease Control of Thua Thien Hue province confirmed the presence of *Plasmodium falciparum*. Despite treatment, the patient's condition remained severe. The CDC of Thua Thien Hue province warns that malaria elimination does not guarantee malaria elimination, and medical facilities and individuals must increase vigilance and report malaria epidemiological factors for early detection, correct treatment, and guidance on radical treatment. [\[Full article\]](#)

VACCINE-PREVENTABLE DISEASES

Diphtheria Cases in the ASEAN Region

From January 1 to March 16, 2024 (Epi-Week 11)



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 8	83	0	3	3.61%
Lao PDR	-	-	-	-	-
Malaysia	-	-	-	-	-
Myanmar	-	-	-	-	-
Philippines ²	-	-	-	-	-
Singapore ³	Week 9	0	0	0	0.00%
Thailand ⁴	Week 9	1	0	0	0.00%
Vietnam ⁵	-	-	-	-	-
Total		84	0	3	3.57%

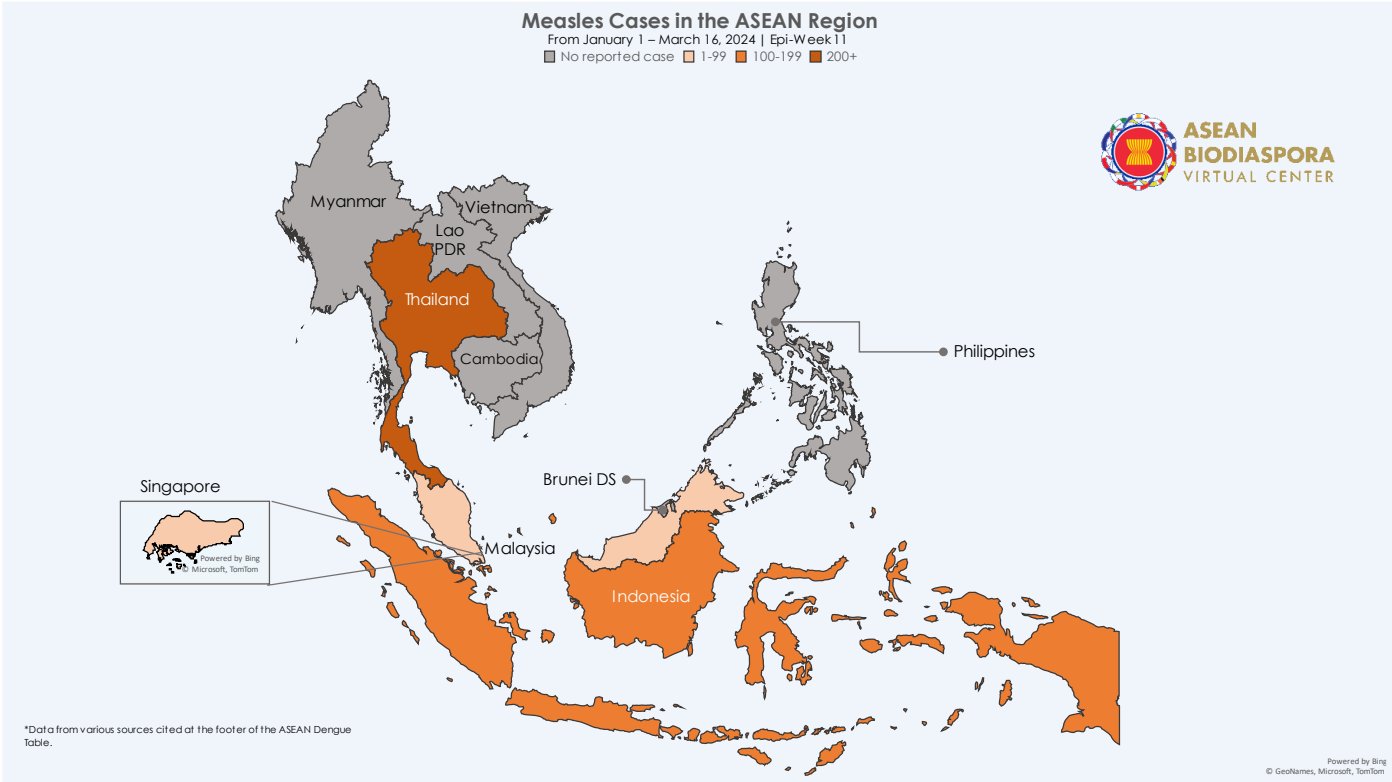
1. Ministry of Health, Republic of Indonesia.
2. Department of Health Website, accessed March 19, 2024 "Statistics" (<https://doh.gov.ph/statistics>)
3. Ministry of Health Singapore, accessed March 19, 2024 (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)
4. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed March 19, 2024 (<http://doe.moph.go.th/surdata/index.php>)
5. BlueDot Platform, accessed March 19, 2024 (<https://developer-portal.bluedot.global/>)

- The ASEAN region reported **NO** new diphtheria cases since the previous report. The region reported **1,292** total cases with **3.57%** CFR.



Measles Cases in the ASEAN Region

From January 1 to March 16, 2024 (Epi-Week 11)



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	-	-	-	-	-
Indonesia ¹	Week 8	157	0	0	0.00%
Lao PDR	-	-	-	-	-
Malaysia ²	Week 11	34	4	0	0.00%
Myanmar	-	-	-	-	-
Philippines ³	-	-	-	-	0.00%
Singapore ⁴	Week 10	1	0	0	0.00%
Thailand ⁵	Week 10	246	61	0	0.00%
Vietnam	-	-	-	-	-
Total		438	65	0	0.00%

1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed March 19, 2024 (<https://developer-portal.bluedot.global/>)
3. Department of Health Website, accessed March 19, 2024 "Statistics," (<https://doh.gov.ph/statistics>)
4. Ministry of Health Singapore, accessed March 19, 2024, (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)
5. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed March 19, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **65** new measles cases in Thailand and Malaysia since the previous report. The region reported **438** total cases with **0.00%** CFR.

Media Monitoring for Vaccine-Preventable Diseases

Epidemiological Week 10 | March 3 – 9, 2024

Global Situation for Vaccine-Preventable Diseases

Measles

- **Australia:** New South Wales (NSW) Health has reported a second confirmed case of measles in Wagga Wagga, linked to an earlier case acquired overseas in February (Mirage News, 2024). The new case was infectious over two weeks ago, suggesting the spread of the virus has not yet been detected. People in the affected areas should monitor for symptoms, which may already be experiencing. Symptoms include fever, runny nose, sore eyes, and a cough, followed by a red, blotchy rash. Symptoms may appear between seven and 18 days after exposure, so people should stay vigilant and contact their GP or emergency department if they develop symptoms. [\[Full article\]](#)
- **Canada:** Measles continues to spread in Quebec, with 17 confirmed cases, a 5% increase since Friday (Cousineau, 2024). The mainland remains the most affected region, with 13 people infected. [\[Full article\]](#)
In Hamilton, the first measles case of the year was confirmed in a child who traveled to India, but there hasn't been any known local spread of the highly contagious virus (LaFleche, 2024). The child traveled on flight from Jeddah, Saudi Arabia, to Toronto on March 5. Public health has not disclosed the child's age or vaccination status. The case is the second one the local public health unit has investigated recently, with the first case involving a child infected during a trip to Europe. [\[Full article\]](#)
- **Iraq:** The Al-Diwaniyah Governorate has reported a rise in measles cases among children, with seven deaths and 1930 cases recorded (Al-Mahja, 2024). The Health Committee in the Diwaniyah Governorate Council, Sundos Al-Musawi, stated that the situation is under control but requires support from the central government. Vaccination campaigns will be launched, targeting schools and 250,000 children in the city. [\[Full article\]](#)
- **Russia:** Pereslavl-Zalessky has reported 16 measles cases, with 11 children and 5 adults affected (Irina, 2024). The first case was imported due to unvaccinated pneumonia. An epidemiological investigation and sanitary and anti-epidemic measures have been taken by the education department and Pereslavl Central District Hospital. Measles is a highly transmissible viral disease, and vaccination is the best protection against measles. [\[Full article\]](#)
- **South Korea:** The global measles epidemic continues, with 11 cases in Korea this year, with ten being infected after traveling overseas (Kim Chang-hoon, 2024). The number of measles patients worldwide increased 1.8 times from 170,000 in 2022 to 300,000 last year, with Europe seeing a 62-fold increase. The World Health Organization (WHO) reported a 1.8-fold increase in Europe from 937 to 58,000 during the same period. The measles vaccine (MMR) must be administered once at 12 to 15 months of age and twice at four to six years of age. [\[Full article\]](#)
- **Spain:** Public Health has confirmed a second case of measles in Zaragoza, following the first case of indigenous origin in February (Heraldo, 2024). The new infection is a contact of the first, a 52-year-old woman. These are the first two confirmed cases in the community since the virus's circulation has been reactivated. [\[Full article\]](#)
- **Taiwan (Province of China):** A 30-year-old woman from Malaysia has been diagnosed with measles after traveling with a friend from February 16-20, 2024 to Malaysia (CNA, 2024). She returned to Taiwan on the same flight as the first overseas migration case this year, was monitored for health until March 9. [\[Full article\]](#)

- The **United States (US)**: Two new measles cases were detected in Chicago, raising the citywide total to 10 (NBC Chicago Staff, 2024). The cases were reported in children, with one in a Pilsen migrant shelter. The Illinois Department of Public Health, along with the Department of Human Services and Illinois Emergency Management Agency, is mobilizing resources to contain the spread of the virus. The Illinois Department of Public Health is assisting Chicago and Cook County officials. [\[Full article\]](#)
- The **United Kingdom (UK)**: A fourth measles case has been confirmed in Ireland this year, following three other cases in recent weeks (O'Regan, 2024). The latest case is not believed to be linked to the public health alert following an airline passenger's infection during a flight lasting over eight hours. The Health Protection Surveillance Centre issued a public health alert after a passenger from Abu Dhabi to Dublin was found to be infectious. The Health Service Executive (HSE) has asked pregnant women, immunocompromised individuals, and parents with children under one-year-old to come forward. The HSE is managing the incident according to national guidelines and has worked with Etihad Airways to contact passengers. [\[Full article\]](#)

Pertussis

- **Spain**: The Minister of Health, has confirmed two possible outbreaks of whooping cough in the Principality of Asturias (Europa Press Asturias, 2024). Since January 1, 20 cases have been confirmed, with 12 children and 10 vaccinated. The current figures do not pose any risk, and the population is 98% vaccinated. The counselor emphasizes that the booster dose is always given, as it is part of the children's vaccination schedule, providing greater protection. The situation is not unusual, as the population is 98% vaccinated. [\[Full article\]](#)
- The **United States (US)**: The Chelan-Douglas Health District is investigating an increase in pertussis cases, including 17 confirmed cases (Staff, One News, 2024). An additional case, reportedly unrelated to the earlier cases, has raised concerns about the disease spreading beyond the initial clusters. The district is actively tracking the situation. [\[Full article\]](#)

Poliomyelitis

- **Pakistan**: A 30-month-old boy in Dera Bugti district of Balochistan has been paralysed by wild poliovirus type 1 (WPV1), causing weakness in both lower limbs (Reporter, T.N.S., 2024). The virus belongs to the imported YB3A cluster. The federal health secretary, Iftikhar Ali Shallwani, emphasized the need for polio vaccinations for children with insufficient immunity. A detailed case investigation will be launched to identify the virus's origin. This is the first polio case in 2024 in Pakistan and the first in Dera Bugti in 13 years. [\[Full article\]](#)

Regional Situation for Vaccine-Preventable Diseases

Measles

- **Malaysia**: Four cases of measles have been detected in Bintulu, involving one child and three adults that are epidemiologically linked around the division (Malay Mail, 2024). All cases have never been vaccinated or have incomplete vaccination histories. The infection is suspected to be due to missed vaccinations, delay or refusal in seeking treatment, and factors associated with foreigners. [\[Full article\]](#)

Pertussis

- **Vietnam**: The Hanoi Center for Disease Control reported 9 cases of whooping cough from January to March 2024, compared to no cases in 2022 and 2023. Most children with pertussis have not received enough vaccinations, making vaccination the most effective prevention measure (Baodientuvtv, 2024). The Hanoi Department of Health recommends vaccination at 2 months, 3 months, 4 months, and 18 months. Additionally, clean environments, personal hygiene, and recognizing signs of illness are crucial for proper treatment. [\[Full article\]](#)

Media Monitoring for Other Diseases

Epidemiological Week 10 | March 3 – 9, 2024

Regional Situation for Other Diseases

Hand Foot and Mouth Disease

- The **Philippines**: From January 1 to February 24, the Iloilo Provincial Health Office recorded 112 cases of hand-foot-and-mouth disease (HFMD), a 96% decrease from the 2,782 cases recorded in 2023 (Sornito, I., 2024). The highest number of cases was reported in Lambunao, followed by Banate, Barotac Viejo, Igaras, Oton, San Dionisio, Lemery, Badiangan, and Leon. The remaining towns reported no cases. [[Full article](#)]



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

Epidemiological Week 11 | From January 1 to March 16, 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	81,635	77	0.10%	-	-	-	Rabies-free Country			-	-	-
Cambodia	658	0	0%	13	0	0%	-	-	-	3,575	10	0.28%
Indonesia	117,432	1,450	1.23%	85	0	0%	12	12	100%	27,417	250	0.91%
Lao PDR	1,372	87	6.55%	1	0	0%	-	-	-	966	0	0%
Malaysia	257,302	491	0.20%	9	0	0%	3	3	100%	29,113	16	0.05%
Myanmar	8,293	5	0.06%	-	-	-	-	-	-	-	-	-
Philippines	141,371	1,467	1.04%	5	0	0%	-	-	100%	-	-	-
Singapore	819,481	313	0.04%	37	0	0%	Rabies-free Country			4,166	0	0%
Thailand	48,792	900	1.95%	731	1	0.14%	0	0	0%	19,808	17	0.09%
Vietnam	101,828	20	0.02%	155	7	4.52%	22	2	100%	11,235	0	0%
ASEAN Region	1,578,164	4,810	0.30%	1,036	8	0.77%	37	37	100%	96,280	293	0.30%

Infectious Diseases	Malaria			Measles			Diphtheria		
	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	-	-	-	-	-	-	-	-	-
Cambodia	-	-	-	-	-	-	-	-	-
Indonesia	675	0	0%	157	0	0%	83	3	3.61%
Lao PDR	-	-	-	-	-	-	-	-	-
Malaysia	2	0	0%	34	0	0%	-	-	-
Myanmar	-	-	-	-	-	-	-	-	-
Philippines	2	0	0%	-	-	-	-	-	-
Singapore	5	0	0%	1	0	0%	0	0	0%
Thailand	405	0	0%	246	0	0%	1	0	0%
Vietnam	1	0	0%	-	-	-	-	-	-
ASEAN Region	1,090	0	0%	438	0	0%	84	3	3.57%

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