

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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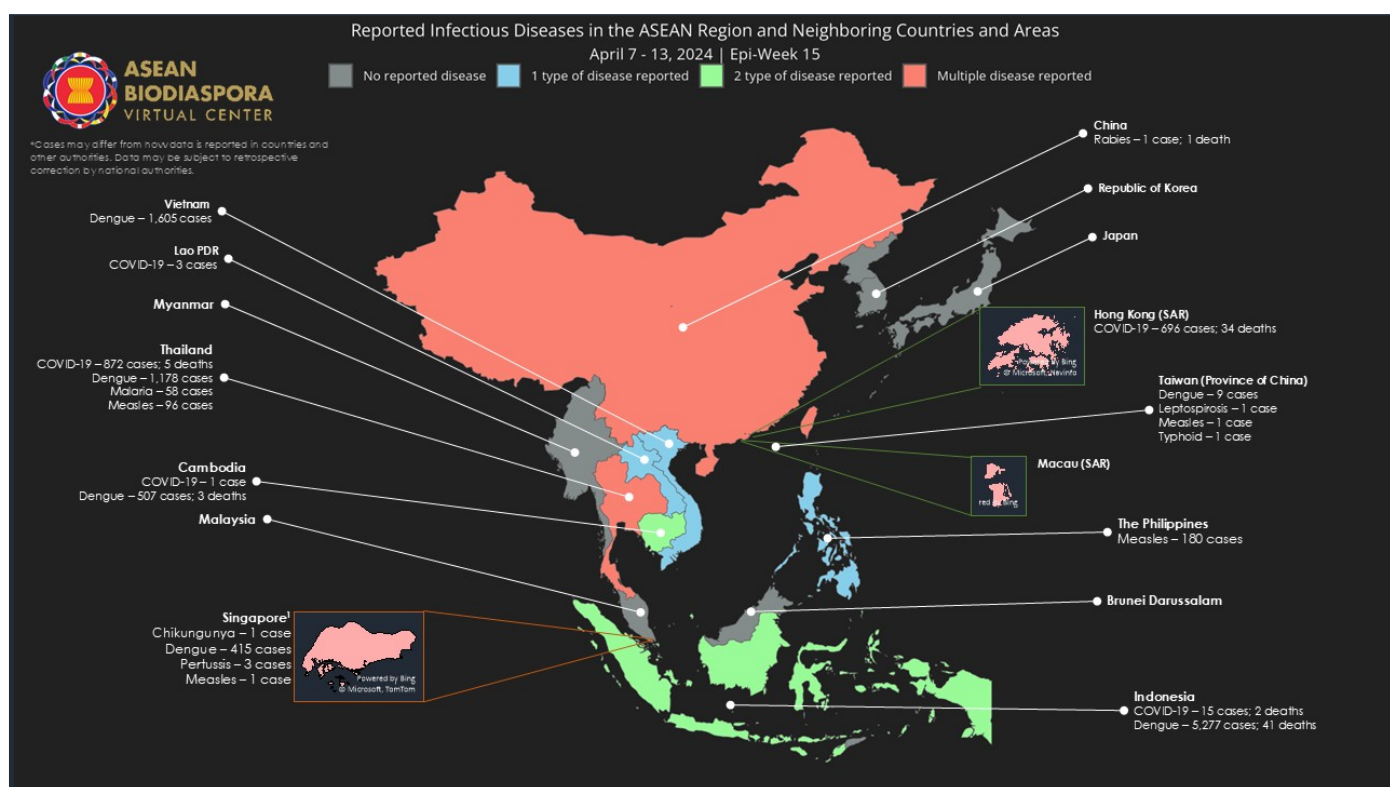
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Key Findings

- 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 middle of April 2024.
- Dengue cases has increased by **8,982** new cases since the last report. Meanwhile, **58** new malaria cases have been found since the last report for vector-borne diseases in the ASEAN region.
- There have been **3** 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 15 | April 7 – 13, 2024



Source: AMS Official Sources, [Worldometer](#), [WHO](#), [Our World in Data](#), and [Bluedot Platform](#), accessed on April 16, 2024

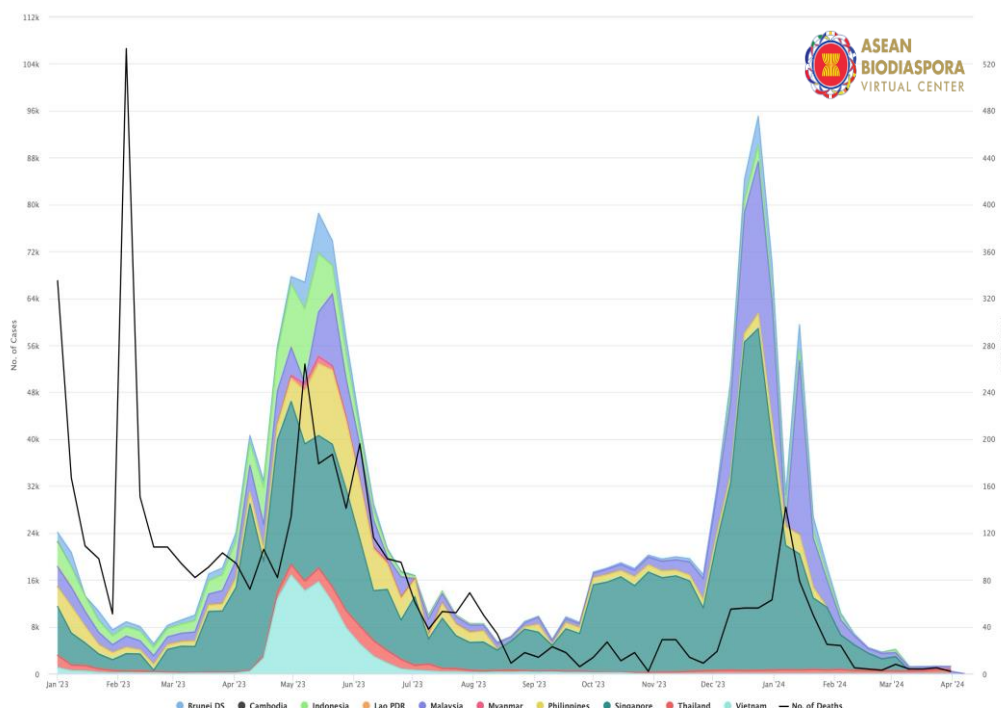
EMERGING DISEASES

COVID-19: Highlights and Situation Overview

- As of 13 April 2024 (5PM, GMT+7), there were **704,753,169** confirmed cases **worldwide**, including **7,010,666 deaths**. Globally, Case Fatality Rate (CFR) was **1.00%**.
- 36,993,189 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

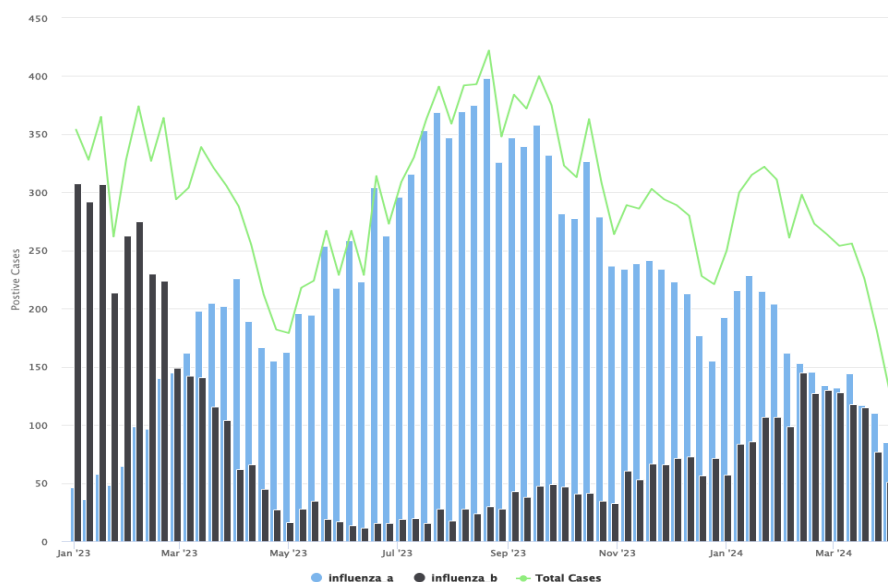
From January 1 to April 13, 2024



Source: [Worldometer](#), [WHO](#), and [Our World in Data](#), accessed on April 16, 2024

Trends of Influenza Confirmed Cases in the ASEAN region

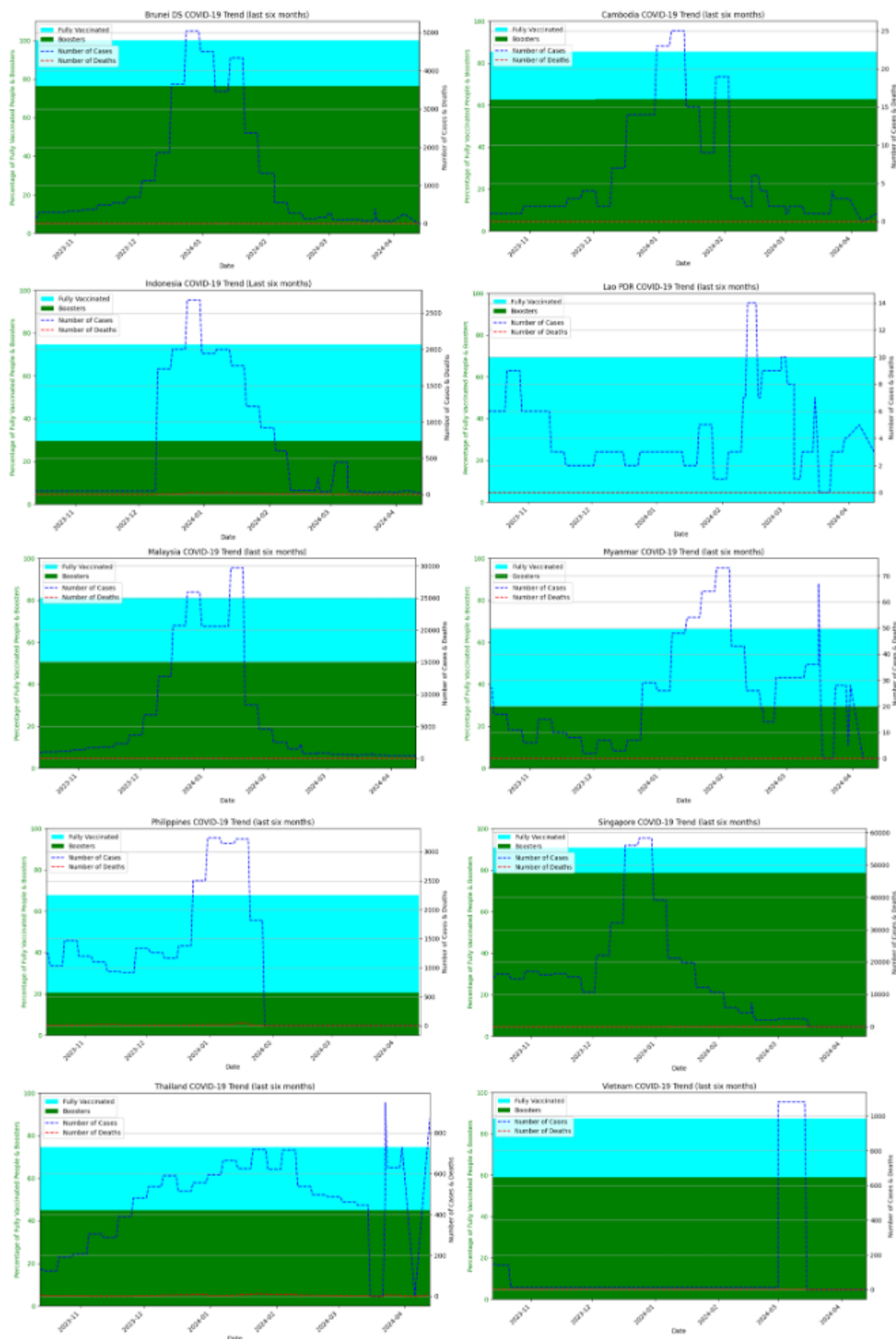
From January 1 to April 13, 2024



Source: FluNet, accessed on April 16, 2024 (<https://www.who.int/tools/fluNet>)

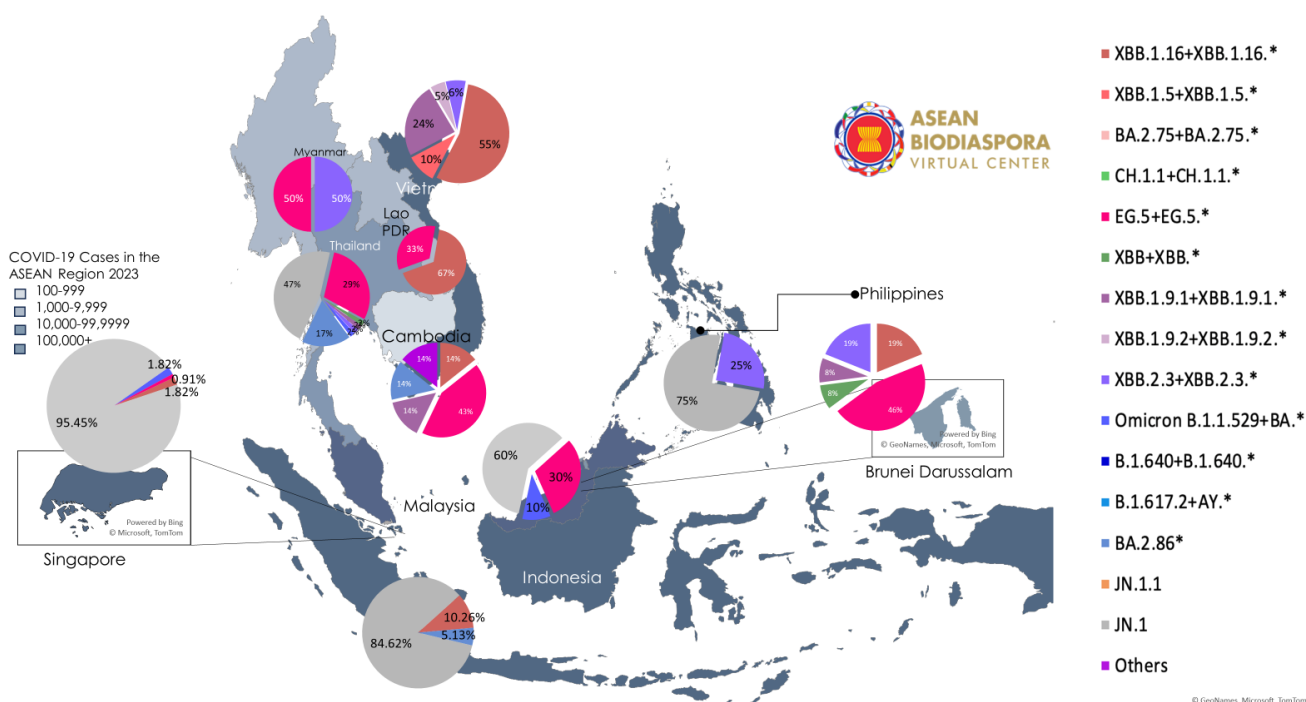
Trends of COVID-19 Cases, Deaths, and Vaccine Coverage among AMS

From October 13, 2023 to April 13, 2024



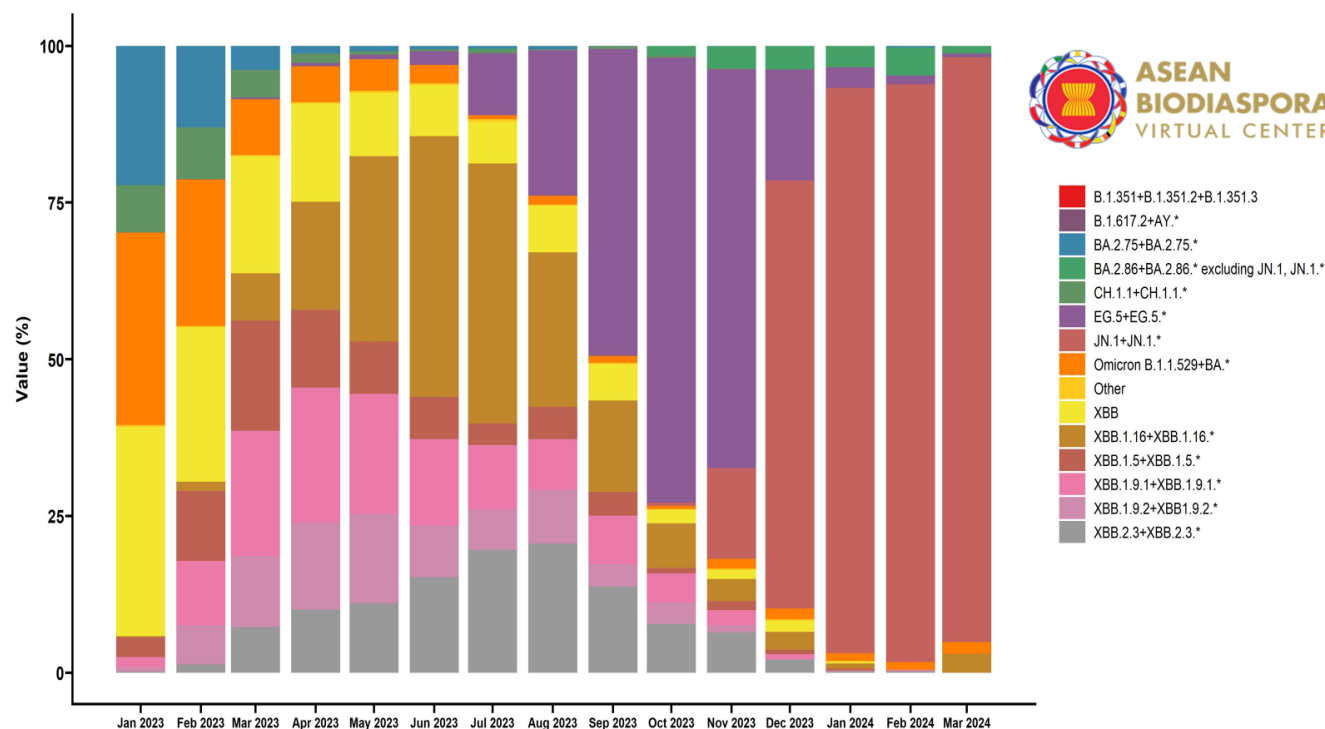
Source: [Worldometer](#), [Our World In Data](#), and [WHO](#), accessed on 16 April 2024

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



Source: GISAIID. "hCoV-19 Variants Dashboard," accessed on April 16, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)

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

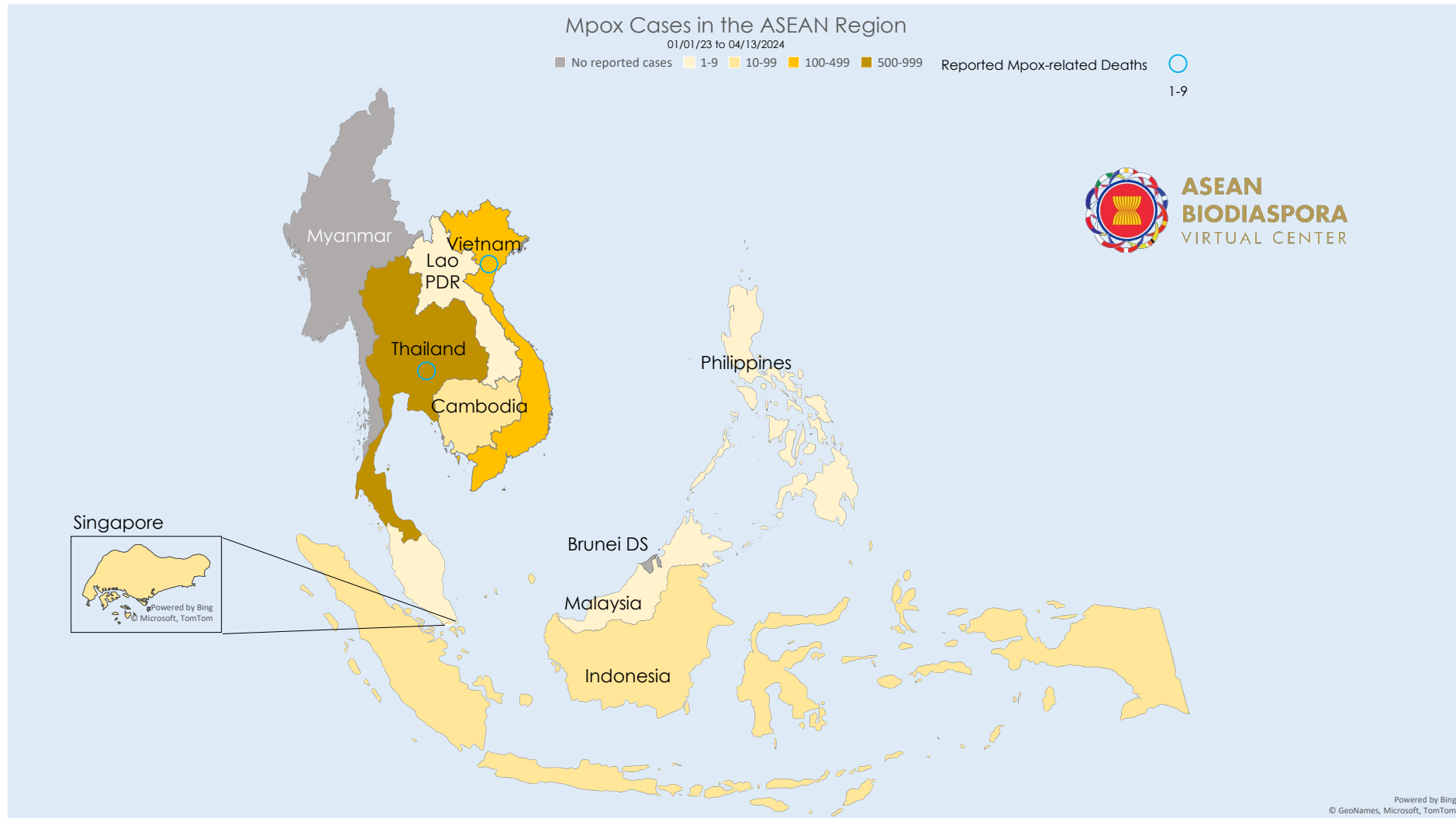


Source: GISAIID. "hCoV-19 Variants Dashboard," accessed on April 16, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)



Mpox Cases Reported in the ASEAN Region

January 1, 2023 – April 13, 2024



Source:

1. Ministry of Health Republic of Indonesia
2. Bluedot Platform, accessed on April 16, 2024 (<https://portal.bluedot.global/>)
3. Ministry of Health Singapore, accessed April 16, 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 13 April 2024, **11,699** confirmed cases worldwide since 2023, including **123** deaths. Globally, the CFR was **1.05%**.
- 1,038 confirmed cases** including **eight deaths** in the **ASEAN** region, with a CFR of **0.77%**.
- 10,661 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 April 13, 2024)

ASEAN Member States	Cumulative Cases 2023-2024	New Cases Since Previous Report	Cumulative Deaths 2023	CFR
Cambodia ¹	13	0	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	39	0	0	0.00%
Thailand ¹	731	0	1	0.14%
Vietnam ¹	155	0	7	4.52%
ASEAN Total	1038	0	8	0.77%

Source:

1. Bluedot Platform, accessed on April 16, 2024 (<https://portal.bluedot.global/>)
2. Ministry of Health Republic of Indonesia
3. Ministry of Health Singapore, accessed on April 16, 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 April 13, 2024)

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

Source: Our World in Data, accessed on April 16, 2024 (<https://ourworldindata.org/monkeypox>)

Mpox cases per region (Jan. 1, 2023 to April 13, 2024)

REGIONS	CUMULATIVE CASES	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	1,543	0	7	0.45%
AMERICAS	4,276	0	86	2.01%
ASEAN	1,038	0	8	0.77%
ASIA & OCEANIA	3,522	0	17	0.48%
EUROPE	1,320	0	5	0.38%
TOTAL	11,699	0	123	1.05%

Source: Our World in Data, accessed on April 16, 2024 (<https://ourworldindata.org/monkeypox>)

Media Monitoring for Emerging Diseases

Epidemiological Week 15 | April 7 – 13, 2024

Global Situation for Emerging Diseases

COVID-19

- **Bangladesh:** Bangladesh reported 15 more COVID-19 cases in the last 24 hours, with 336 samples tested, a 5.46 percent positivity rate (EM, 2024). The country's total fatalities remained at 2,9493, with 2,049,626 cases and 2,017,031 recoveries. The first case was on March 8, 2020. [\[Full article\]](#)
- **China:** In March 2024, the Chinese mainland reported 588 new severe cases and 26 deaths due to the Omicron variant, with the JN.1 series variant being the most prevalent (Times, 2024). The daily number of patients seeking treatment at fever clinics fluctuated, with flu-like cases accounting for 5.6%, 5.3%, 4.9%, and 4.9% of visits. The positivity rate for flu-like cases increased from 18.2% to 21.1%, before declining to 15.9%. [\[Full article\]](#)
- **New Zealand:** New COVID-19 cases have been reported, with 13 deaths attributed to the virus (Rnz, 2024). Canterbury is the worst affected region, followed by Waitemata, Capital, Coast, and Counties Manukau. 3,399 new cases and seven deaths were reported last week. [\[Full article\]](#)
- The **United States (US):** Michigan reported 1,458 confirmed and probable COVID-19 cases, 30 additional deaths, and 233 confirmed hospital patients, down slightly from the previous week (Bridgemi, 2024). [\[Full article\]](#)

Ohio has seen a significant decrease in new COVID-19 cases, dropping from 2,224 to 1,877 this week, marking the lowest level since mid-July (Washington, 2024). The state has received at least 1,337,062 Ohioans, representing 11.4% of the population. The total COVID-19 case count since early 2020 in Ohio has reached 3,741,277. The state has also reported an increase in hospitalizations and ICU admissions, with 106 new cases and 43,896 deaths since the beginning of the pandemic in 2020. Death reporting sometimes lags by weeks. [\[Full article\]](#)

Mpox

- The **United States (US):** Virginia has seen a surge in mpox cases, with 16 confirmed cases reported between January and March 2023, compared to 12 in 2023 (Crisis24, 2024). Health officials urge vaccination for those at risk, and as disease surveillance continues, additional cases may be identified. [\[Full article\]](#)

Regional Situation for Emerging Diseases

COVID-19

- **Malaysia:** The number of COVID-19 cases in Malaysia has dropped by 97.1% during the epidemiological week 14, 2024 from March 31 to April 6 (Borneo Post, 2024). The total number of cases reported was 493, compared to 17,256 in epidemiological week 1. The number of deaths in Covid-19 cases also decreased from 32 cases in epidemiological week 1 to one in epidemiological week 14. The Ministry of Health is still using the Heightened Alert System (HAS) monitoring method to assess the situation. [\[Full article\]](#)

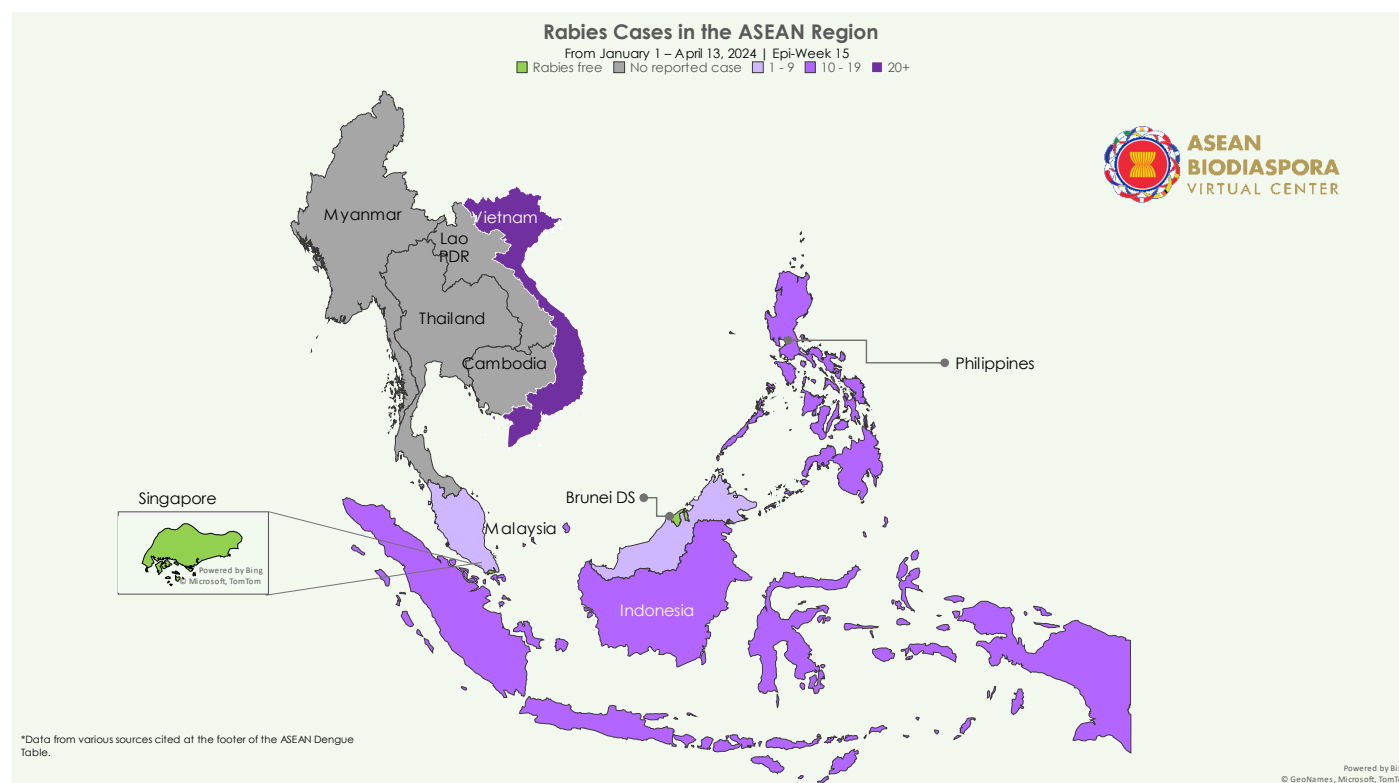
Mpox

- **Cambodia:** The Cambodian Ministry of Health reported three more cases of mpox, raising the total to 17, since the first recorded case in 2022 (Thao, 2024). The majority of cases were in Phnom Penh, aged 20-43. Symptoms include rash, blisters, fever, swollen lymph nodes, back pain, and muscle pain. The WHO reported mpox had been recorded in 117 countries with over 93,000 cases, including 176 deaths. The Cambodian Ministry of Health recommends people take care of their health and family, prevent outbreaks, and follow disease prevention measures. Mpox was initially endemic in Africa but increased in Europe in 2022, leading to a global health emergency. [[Full article](#)]

ZOONOSIS

Rabies Cases in the ASEAN Region

From January 1 to April 13, 2024 (Epi-Week 15)



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 13	20	0	20	100%
Lao PDR	-	-	-	-	-
Malaysia ²	Week 4	3	0	3	100%
Myanmar	-	-	-	-	-
Philippines ²	Week 14	89	18	89	100%
Singapore		Rabies-free country			
Thailand ³	Week 11	0	0	0	0%
Vietnam ²	Week 12	27	0	27	100%
Total		139	18	139	100%

1. Ministry of Health, Republic of Indonesia
2. BlueDot Platform, accessed April 9, 2024 (<https://portal.bluedot.global/>)
3. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed April 9, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **18** new rabies cases since the previous report. The region reported **139** total cases with **100%** CFR.

Media Monitoring for Zoonosis

Epidemiological Week 15 | April 7 – 13, 2024

Regional Situation for Zoonosis

Avian Influenza

- **Vietnam:** The Vietnam Ministry of Health has issued an urgent dispatch to strengthen the prevention and control of avian influenza transmitted to humans after the first case of influenza A(H9) was recorded in the country (Trithuccuocsong, 2024). The patient, a 37-year-old man, developed symptoms of fever and self-medicated but did not buy medicine regularly. He was diagnosed with severe pneumonia suspected to be caused by a virus. Initial test results showed positive for influenza A and had gene segments similar to influenza A virus subtype H9. The patient's place of residence is in a poultry market, and no respiratory infection symptoms have been detected. From 2015 to now, 98 cases of influenza A(H9N2) have been recorded in the Western Pacific region, including 2 deaths, both of which were patients with underlying diseases. There is currently no evidence that influenza A(H9N2) is transmitted from person to person. [\[Full article\]](#)

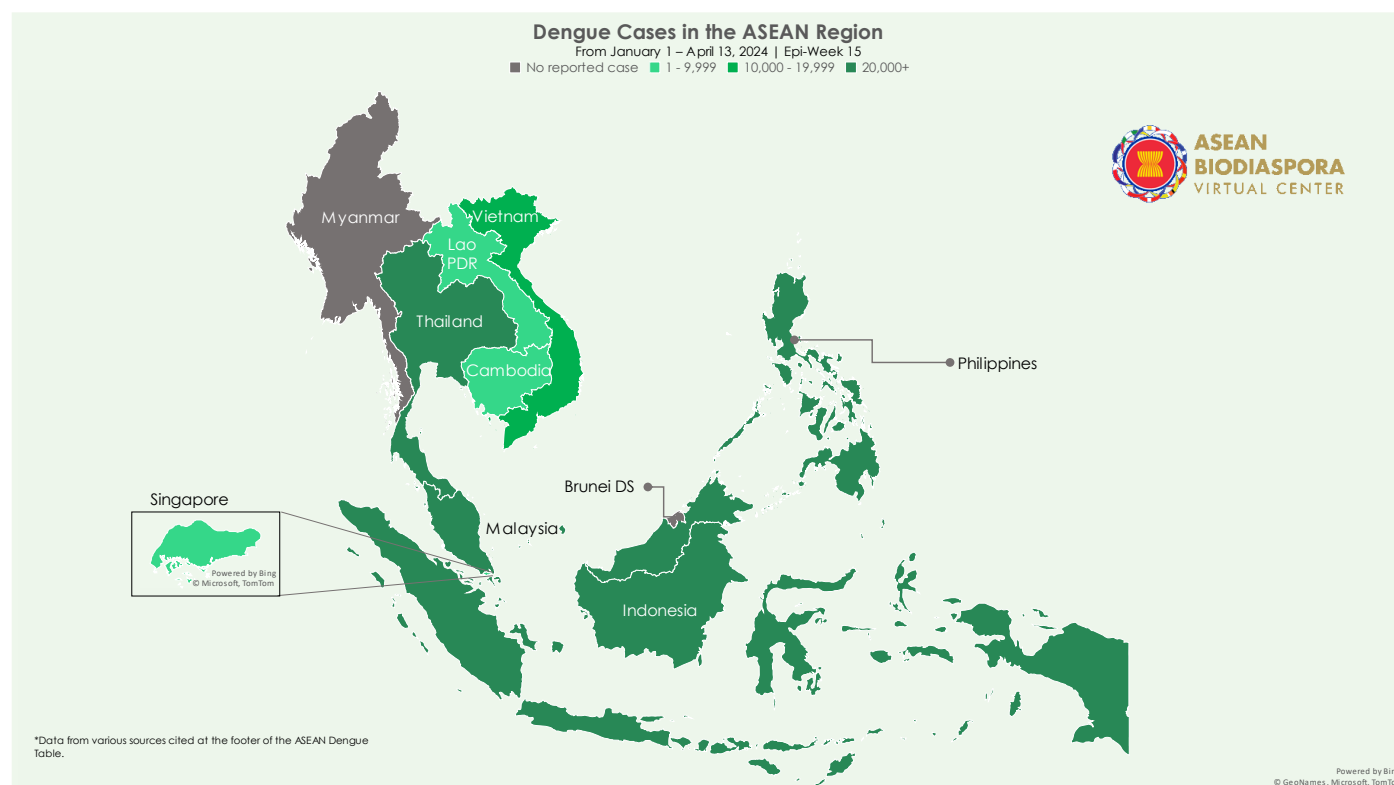
Rabies

- The **Philippines:** The Department of Health reported 89 human rabies cases as of March 16, a 2% decrease from the same period last year (Baron, 2024). All cases resulted in 100% fatalities, and animal bite experts warn that immediate medical intervention is crucial. The highest number of cases was reported in Soccsksargen, followed by Calabarzon and Bicol Region. No reported cases of cattle/livestock-to-human rabies transmission were found in the Philippines. [\[Full article\]](#)

VECTOR-BORNE DISEASES

Dengue Cases in the ASEAN Region

From January 1 to April 13, 2024 (Epi-Week 15)



Dengue cases in the ASEAN region

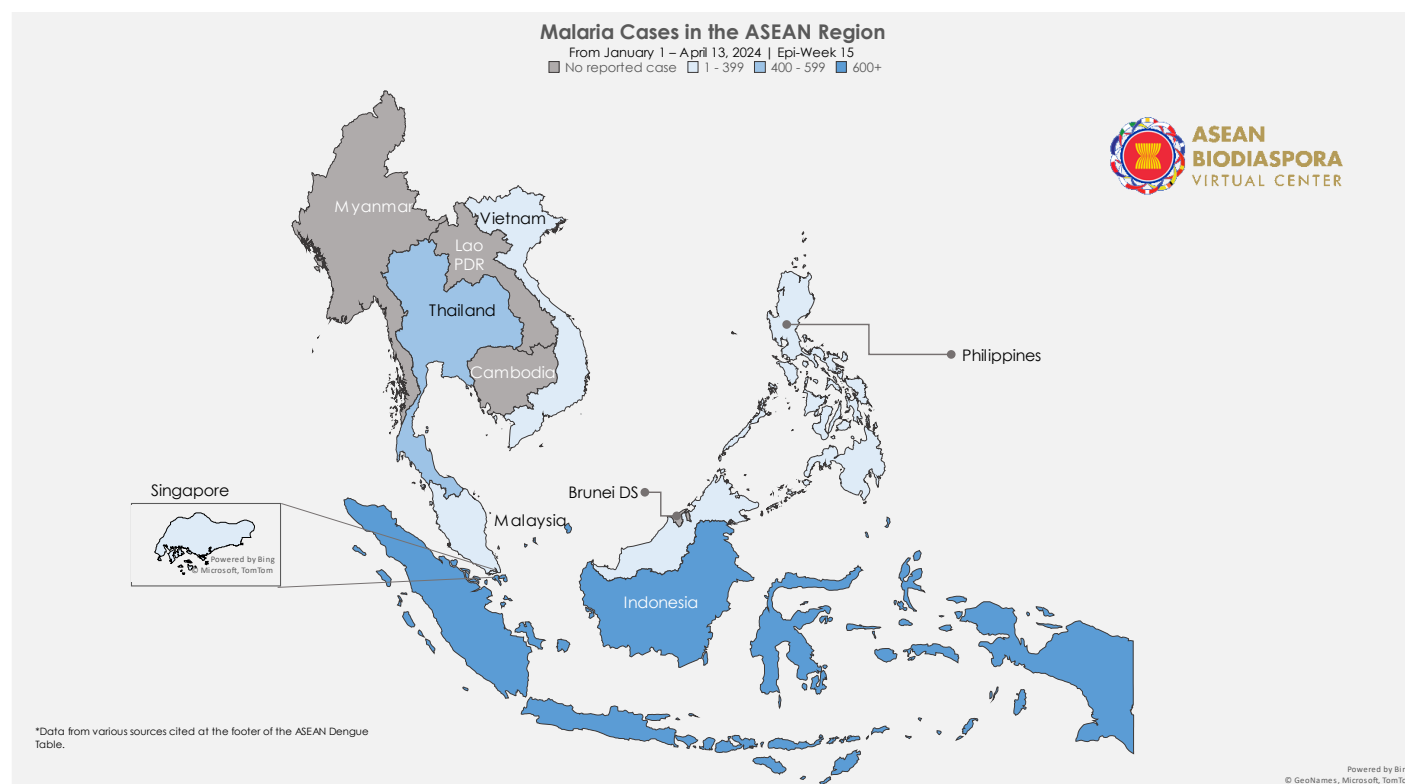
Country	Epi-Week Reported	Cumulative Dengue Cases	New Cases Since the Previous Report	Cumulative Deaths	New Deaths	CFR
Brunei Darussalam	-	-	-	-	-	-
Cambodia ¹	Week 13	4,620	507	16	3	0.35%
Indonesia ^{2*}	Week 15	62,001	5,277	475	41	0.77%
Lao PDR ¹	Week 11	1,499	0	0	0	0.00%
Malaysia ³	Week 13	44,144	0	31	0	0.07%
Myanmar	-	-	-	-	-	-
Philippines ⁴	Week 11	21,069	0	67	0	0.32%
Singapore ^{5**}	Week 14	5,581	415	0	0	0.00%
Thailand ^{6***}	Week 13	24,619	1,178	22	0	0.09%
Vietnam ¹	Week 13	14,542	1,605	0	0	0.00%
Total		178,075	8,982	611	44	0.34%

1. WHO WPRO, "Dengue," World Health Organization, accessed April 16, 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 April 16, 2024, https://www.moh.gov.my/index.php/database_stores/store_view/17
 4. Bluedot Developer Portal, accessed April 16, 2024, <https://developer-portal.bluedot.global/>.
 5. Ministry of Health, "Weekly Infectious Disease Bulletin", accessed April 16, 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 April 16, 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 **8,982** new dengue cases since the previous report. The region reported **178,075** total cases with **0.34%** CFR.

Malaria Cases in the ASEAN Region

From January 1 to April 13, 2024 (Epi-Week 15)



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	0	7	0.93%
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 14	5	0	0	0.00%
Thailand ²	Week 13	588	58	0	0.00%
Vietnam ¹	Week 11	1	0	0	0.00%
Total		1,352	58	7	0.52%

1. Bluedot Platform, accessed April 16, 2024 (<https://portal.bluedot.global/>)
2. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed April 16, 2024 (<http://doe.moph.go.th/surdata/index.php>)
3. Ministry of Health Singapore, accessed April 16, 2024 (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)

- The **ASEAN** region reported **58** new malaria cases since the previous report. The region reported **1,352** total cases with **0.52%** CFR.

Media Monitoring for Vector-borne Diseases

Epidemiological Week 15 | April 7 – 13, 2024

Global Situation for Vector-borne Diseases

Dengue

- **Bangladesh:** Dengue has not caused any deaths in the last 24 hours in Bangladesh, but nine more people have been admitted to hospitals (Pratidin, 2024). This year, 22 people have died from dengue. The number of dengue patients admitted to hospitals has reached 1,756, with 38 in Dhaka and 19 outside the city. [\[Full article\]](#)
- **Italy:** A confirmed case of dengue was reported in Ravenna, Italy, affecting a person returning from abroad (Ravennanotizie, 2024). The disease is transmitted through Aedes mosquito bites and causes fever, headache, joint and muscle pain, and hemorrhages. To prevent the spread, the Municipality of Ravenna has scheduled a disinfection intervention within 100 meters of the person's house. Adult treatments will be performed in public areas with pyrethroid-based products, followed by anti-larval treatments in manholes, road drains, and private properties. [\[Full article\]](#)
- The **United States (US):** Hawaii's Department of Health has reported a travel-related dengue case on Oahu, marking the third case in 2024 (Nuttie, 2024). The infected person traveled to countries known for dengue outbreaks. No other cases have been diagnosed, and the person's location remains unknown. [\[Full article\]](#)

Regional Situation for Vector-borne Diseases

Dengue

- **Indonesia:** Dengue Hemorrhagic Fever (DHF) cases in Indonesia have surged due to extreme weather changes and increased cases (Butar, 2024). The Ministry of Health reported a total of 60,296 cases in the 14th week of 2024, with 455 deaths. The highest dengue cases were recorded in Tangerang District, followed by Bandung, West Bandung, Lebak, and Depok City. Bandung District had the highest death rate, followed by Jepara, Subang, Kendal, and Bogor Districts. People are advised to be cautious of Aedes aegypti mosquito bites and avoid puddles around their homes to minimize mosquito larva breeding. [\[Full article\]](#)

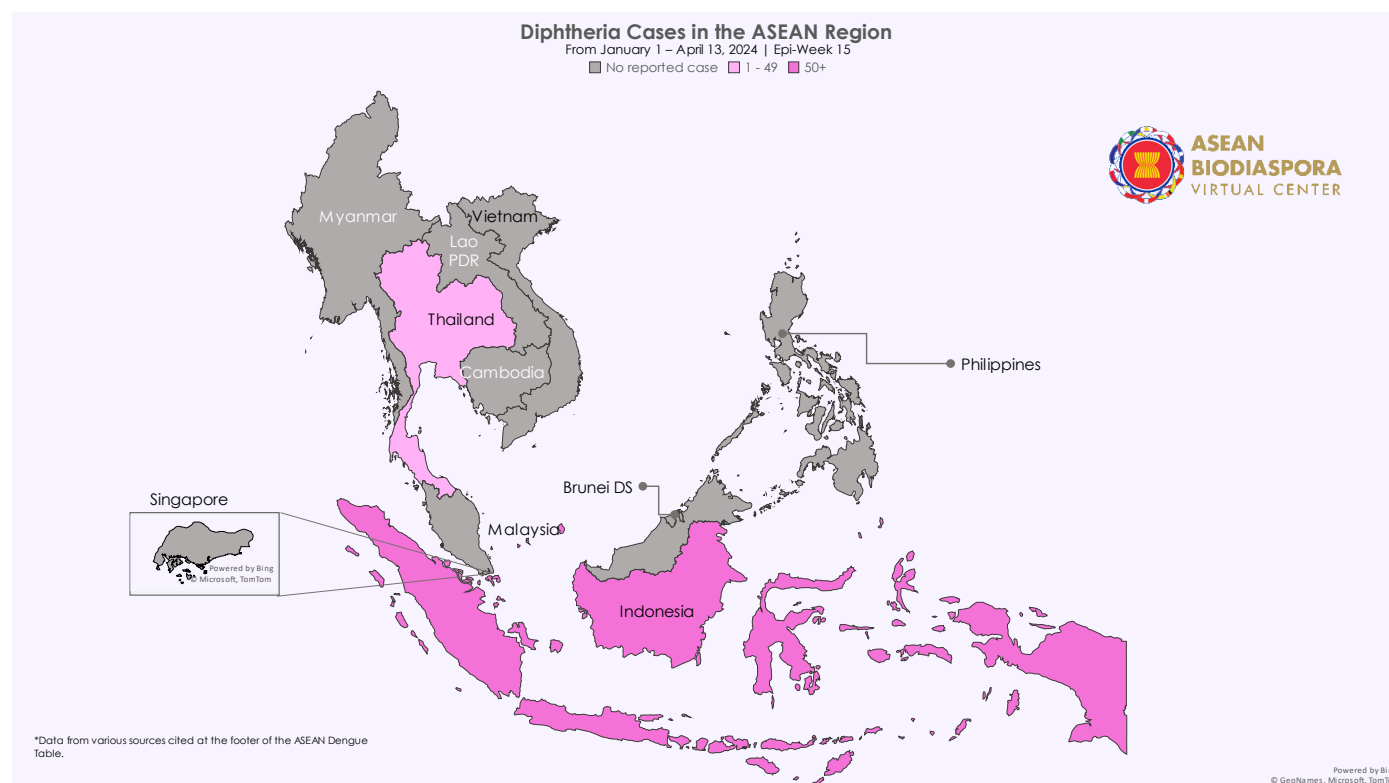
In Magelang District from January to April 2024, 152 cases of dengue hemorrhagic fever (DHF) were reported, 11 of which were suspected dengue shock syndrome (DSS) (Naila Nihayah, 2024). A child died due to suspected DSS in March. DSS can cause severe health issues. [\[Full article\]](#)

- **Singapore** has seen a surge in dengue cases, with 416 new infections reported from March 31 to April 6, a 67-percent increase from the previous week (Cue, 2024). Over 5,500 people have been infected with dengue during the first 14 weeks of 2024, with seven deaths, mainly elderly, as of March 25. The increase in cases in 2024 may be due to factors such as warmer weather and an increase in mosquito breeding places. [\[Full article\]](#)

VACCINE-PREVENTABLE DISEASES

Diphtheria Cases in the ASEAN Region

From January 1 to April 13, 2024 (Epi-Week 15)



Diphtheria cases in the ASEAN region

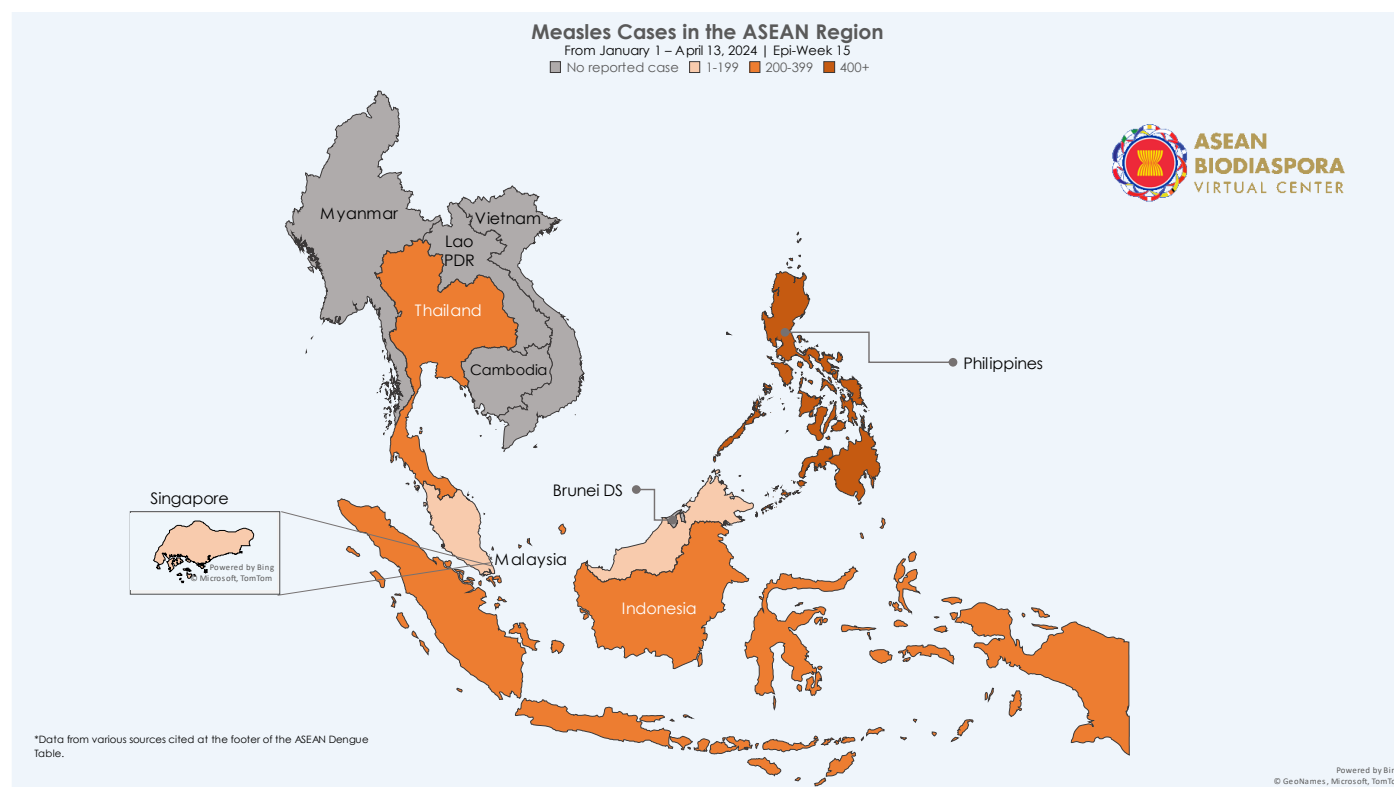
Country	Epi-Week Reported	Cumulative Diphtheria Cases	New Cases Since the Previous Report	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia	-	-	-	-	-
Indonesia ¹	Week 12	168	0	7	4.17%
Lao PDR	-	-	-	-	-
Malaysia	-	-	-	-	-
Myanmar	-	-	-	-	-
Philippines ²	-	-	-	-	-
Singapore ³	Week 13	0	0	0	0.00%
Thailand ⁴	Week 12	1	0	0	0.00%
Vietnam ⁵	-	-	-	-	-
Total		169	0	7	4.14%

1. Ministry of Health, Republic of Indonesia.
2. Department of Health Website, accessed April 16, 2024 "Statistics" (<https://doh.gov.ph/statistics>)
3. Ministry of Health Singapore, accessed April 6, 2024 (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)
4. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed April 16, 2024 (<http://doe.moph.go.th/surdata/index.php>)
5. BlueDot Platform, accessed April 16, 2024 (<https://developer-portal.bluedot.global/>)

- The ASEAN region reported **NO** new diphtheria cases since the previous report. The region reported **169** total cases with **4.14%** CFR.

Measles Cases in the ASEAN Region

From January 1 to April 13, 2024 (Epi-Week 15)



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 12	377	0	0	0.00%
Lao PDR	-	-	-	-	-
Malaysia ²	Week 11	34	0	0	0.00%
Myanmar	-	-	-	-	-
Philippines ²	Week 15	2,500	180	3	0.12%
Singapore ⁴	Week 14	3	1	0	0.00%
Thailand ⁵	Week 13	514	96	0	0.00%
Vietnam ²	Week 13	42	42	0	0.00%
Total		3,470	277	3	0.09%

1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed April 16, 2024 (<https://developer-portal.bluedot.global/>)
3. Ministry of Health Singapore, accessed April 16, 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 April 16, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **277** new measles cases since the previous report. The region reported **3,470** total cases with **0.22%** CFR.

Media Monitoring for Vaccine-Preventable Diseases

Epidemiological Week 15 | April 7 – 13, 2024

Global Situation for Vaccine-Preventable Diseases

Measles

- **Austria:** The number of measles cases in Vorarlberg has increased to 21, following a trend across Austria (ORF, 2024). Six of the 21 cases have required hospitalization, with six patients being hospitalized. The disease has caused complications of various degrees, including middle ear inflammation. Both children and adults are affected, with older people not yet affected. The infection process develops slowly due to an incubation period of up to 21 days, and the disease breaks out ten to 14 days after infection. The infection routes are sometimes very different, and there are up to six different PCR types in Vorarlberg. Measles can have long-term effects and is highly contagious, with complication rates high in acute cases. [\[Full article\]](#)
- **Australia:** Two more measles cases have been identified in South Australia, triggered by an infant growing (Crouch, 2024). Both cases were household contacts of the case reported on April 4, and there are no new exposure sites to add to the earlier list. The fourth and fifth cases of measles in South Australia this year, compared to three cases at the same time last year, are the fourth and fifth cases recorded in 2023. Most measles cases in Australia occur in overseas visitors and returning residents who did not have two doses of the measles vaccine. The first measles case this year was in an infant from metropolitan Adelaide who had returned from overseas in early March. The second case was a 17-year-old male from metropolitan Adelaide who was exposed to the measles case in an infant. A third case was reported on April 4 of a person who was a contact of the second case. The cascade has continued with the latest two cases but no other cases have been reported from community contact. [\[Full article\]](#)
- **Italy:** Tuscany ranks third in Italy for measles cases in 2024, after Lazio and Sicily (Toscana Media, 2024). The national incidence was 14.5 cases per million inhabitants in the first quarter of 2024, with Lazio, Sicily, and Tuscany reporting 68% of cases. The highest incidence was in Lazio (44.9/million), followed by Tuscany (40.5/million) and Sicily (37.5/million). Tuscany has 37 cases between January and March 2024. [\[Full article\]](#)
- **Pakistan:** Measles epidemic in Khanpur Mehar has led to three child deaths in a week, with dozens still under treatment, but Sindh's health department remains silent (Alam, 2024). [\[Full article\]](#)
- **Sweden:** Three people in Gothenburg have contracted measles in three weeks, with an unvaccinated child and an adult believed to have been infected abroad (Andersson, 2024). There is no known connection between the first two cases, and the third person is connected to the first. The infection control unit in Västra Götaland has started infection tracking again, but it will be less than before. As long as the person is vaccinated, there is no reason for concern. The measles vaccine is offered in two doses, with the first administered at 18 months and the second around 6-8 years. Sporadic cases are not expected, but it is difficult to predict more cases. [\[Full article\]](#)
- The **United Kingdom (UK):** London has seen a rise in measles cases, bringing it in line with the West Midlands, the initial hotspot for the virus (Ford, 2024). The UK Health Security Agency (UKHSA) reported that London accounted for 63 out of 190 cases recorded since March, with 33% of the total. Since October 2023, 934 measles cases have been recorded in England. [\[Full article\]](#)

- The **United States (US)**: A new measles case has been detected in Georgia, involving an unvaccinated individual traveling with an international group of students (Curley, 2024). The case is being treated at an Atlanta hospital. The CDC has documented over 100 measles cases nationwide this year, nearly double the total in 2023. The disease is highly contagious and can be prevented with the MMR vaccine. The CDC recommends children receive their first dose between 12 to 15 months of age and their second dose between 4 to 6 years old. [\[Full article\]](#)

Pertussis

- The **United States (US)**: Sacred Heart Cathedral Preparatory in San Francisco has reported small clusters of pertussis, or whooping cough, among students (Ho, 2024). Since January, 13 cases of pertussis have been confirmed in the city, with most cases among vaccinated high school students and their close contacts. There have been no reports of serious illness, hospitalizations, or deaths, and there is no evidence of widespread community transmission. The San Francisco cases coincide with a recent outbreak in Marin County, which has reported about 100 cases since December, most of them among high school students at Tamalpais High in Mill Valley. Infectious disease experts say it is not unheard of for vaccinated teens to contract pertussis because protection from the Tdap (tetanus, diphtheria, and pertussis) vaccine fades over time. [\[Full article\]](#)

Regional Situation for Vaccine-Preventable Diseases

Pertussis

- The **Philippines**: Pertussis cases in the Philippines have surged, with over 1,000 cases recorded since January, according to the Department of Health (Villanueva, 2024). Department of Health data showed that from January 1 to March 30, up to 1,112 cases of pertussis have been reported nationwide. The number is 34 times higher than last year, and 54 deaths have been reported, mainly among children under five. [\[Full article\]](#)

Media Monitoring for Other Diseases

Epidemiological Week 15 | April 7 – 13, 2024

Regional Situation for Other Diseases

Hand Foot and Mouth Disease

- **Indonesia:** The Indonesia Ministry of Health is warning of the potential for hand, foot, and mouth disease (HFMD) transmission during homecoming and return traffic for Eid (Herriman, 2024). Almost 6,500 cases of HFMD were recorded by the 13th week of 2024, with most cases in children and some in adults. The most cases were on Java Island, with West Java having the highest number. [\[Full article\]](#)



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

Epidemiological Week 15 | From January 1 to April 13, 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	665	0	0%	13	0	0%	-	-	-	4,620	16	0.35%
Indonesia	117,533	1,453	1.26%	85	0	0%	20	20	100%	62,001	475	0.77%
Lao PDR	1,384	87	6.55%	1	0	0%	-	-	-	1,499	0	0%
Malaysia	259,006	491	0.20%	9	0	0%	3	3	100%	44,144	31	0.06%
Myanmar	8,298	5	0.06%	-	-	-	-	-	-	-	-	-
Philippines	141,371	1,467	1.04%	5	0	0%	89	89	100%	21,069	67	0.32%
Singapore	819,481	313	0.04%	39	0	0%	Rabies-free Country			5,581	0	0%
Thailand	51,241	917	1.99%	731	1	0.14%	0	0	0%	24,619	22	0.09%
Vietnam	101,828	20	0.02%	155	7	4.52%	27	27	100%	14,542	0	0%
ASEAN Region	1,583,086	4,830	0.32%	1,038	8	0.77%	139	139	100%	178,075	611	0.34%

Infectious Diseases	Malaria			Measles			Diphtheria		
	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	-	-	-	-	-	-	-	-	-
Cambodia	-	-	-	-	-	-	-	-	-
Indonesia	754	7	0.93%	377	55	0%	168	7	4.17%
Lao PDR	-	-	-	-	-	-	-	-	-
Malaysia	2	0	0%	34	0	0%	-	-	-
Myanmar	-	-	-	-	-	-	-	-	-
Philippines	2	0	0%	2,500	3	0.12%	-	-	-
Singapore	5	0	0%	3	0	0%	0	0	0%
Thailand	588	0	0%	514	0	0%	1	0	0%
Vietnam	1	0	0%	42	0	-	-	-	-
ASEAN Region	1,352	7	0.52%	1,473	3	0.09%	169	7	4.14%

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