



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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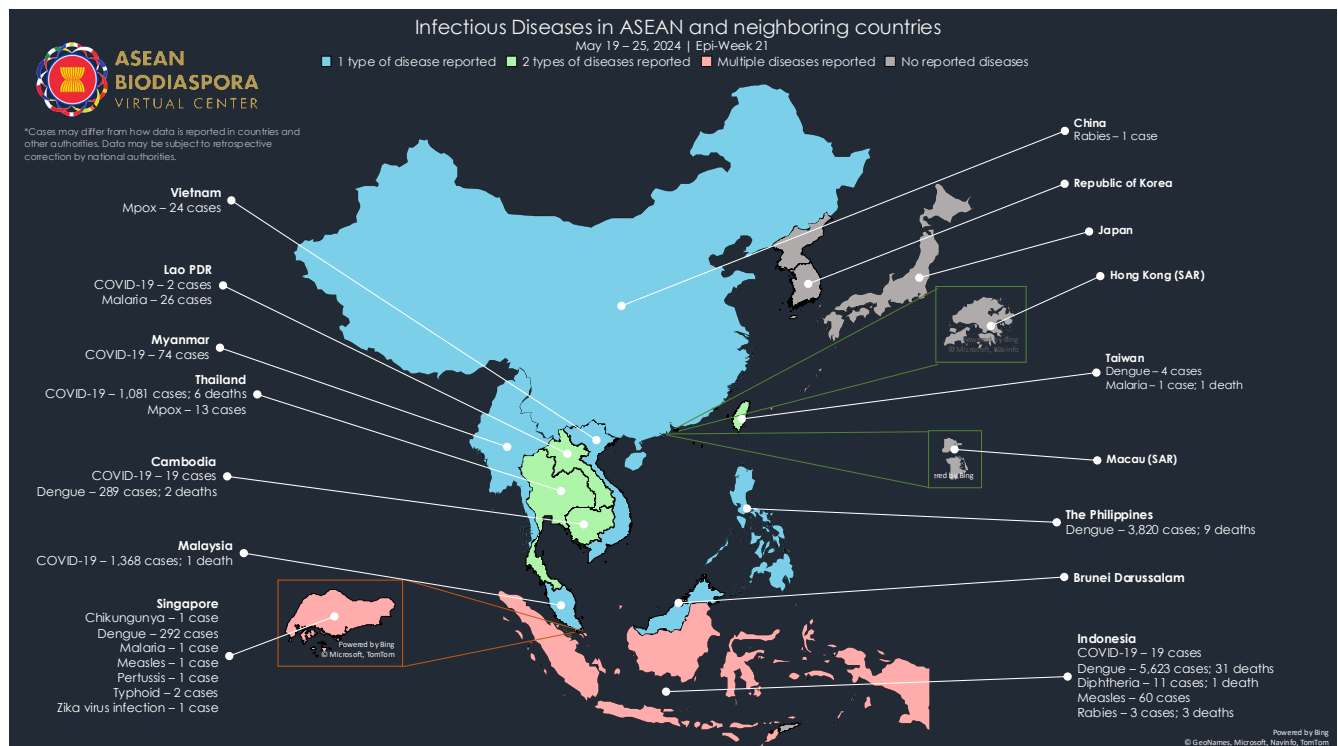
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Key Findings

- The trend of COVID-19 is decreasing significantly both in global and in the ASEAN region. However, several ASEAN Member States (AMS) still report few cases of COVID-19.
- Based on GISAID data, there is new sub-variant of COVID-19 namely “**KP**” has been found in several AMS. 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.

Reported Infectious Diseases in the ASEAN Region and Neighboring Countries

Epidemiological Week 21 | May 19 – 25, 2024



Source: AMS Official Sources, [Worldometer](#), [WHO](#), [Our World in Data](#), and [Bluedot Platform](#), accessed on May 28, 2024

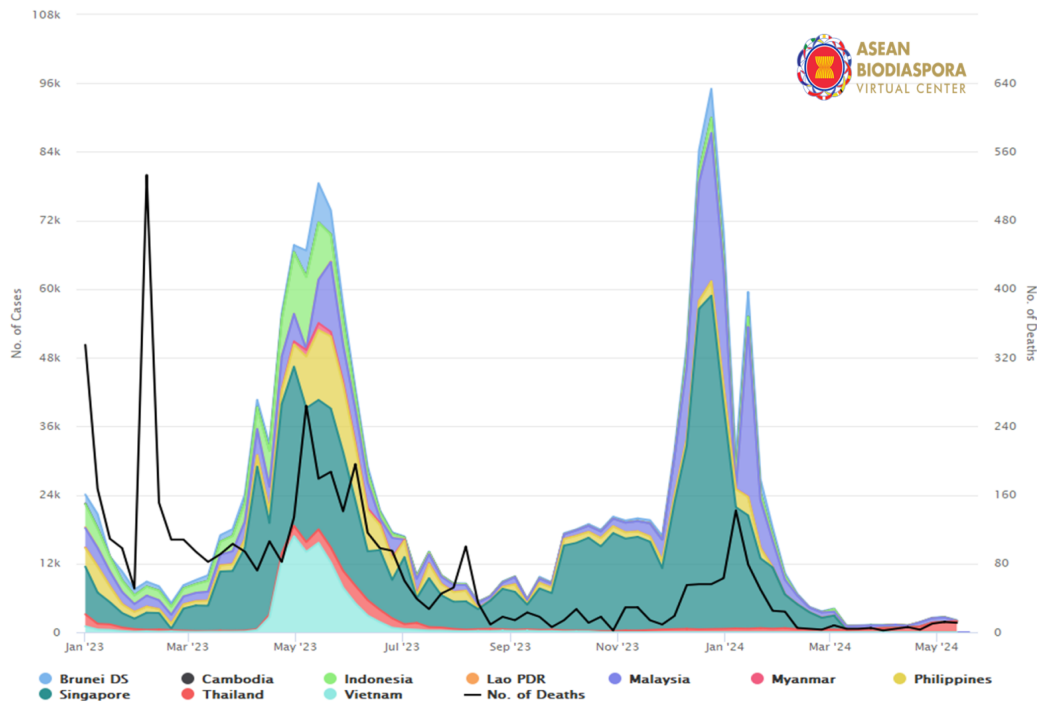
EMERGING DISEASES

COVID-19: Highlights and Situation Overview

- As of 25 May 2024 (5PM, GMT+7), there were **704,767,019** confirmed cases **worldwide**, including **7,010,731 deaths**. Globally, Case Fatality Rate (CFR) was **1.00%**.
- **37,011,431 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

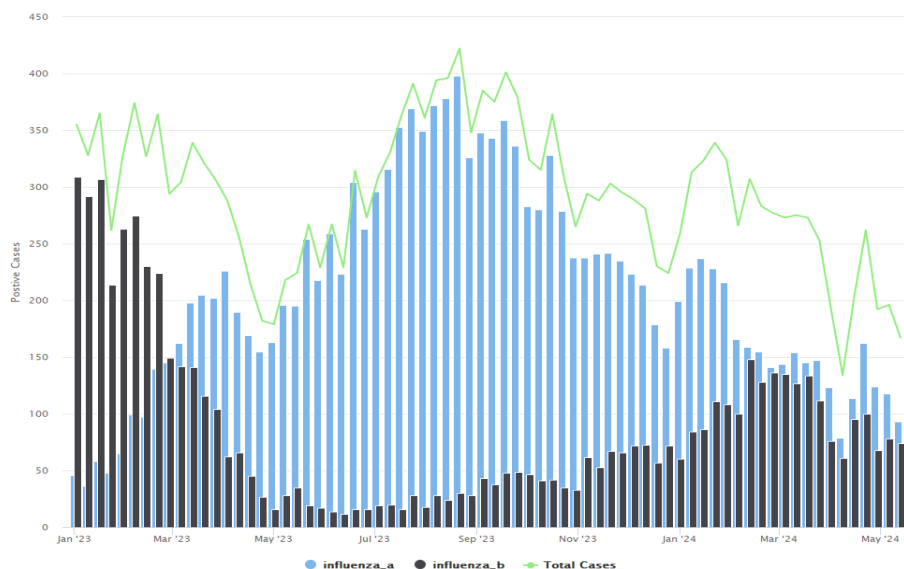
From January 1 to May 25, 2024



Source: [Worldometer](#), [WHO](#), and [Our World in Data](#), accessed on May 28, 2024

Trends of Influenza Confirmed Cases in the ASEAN region

From January 1 to May 25, 2024

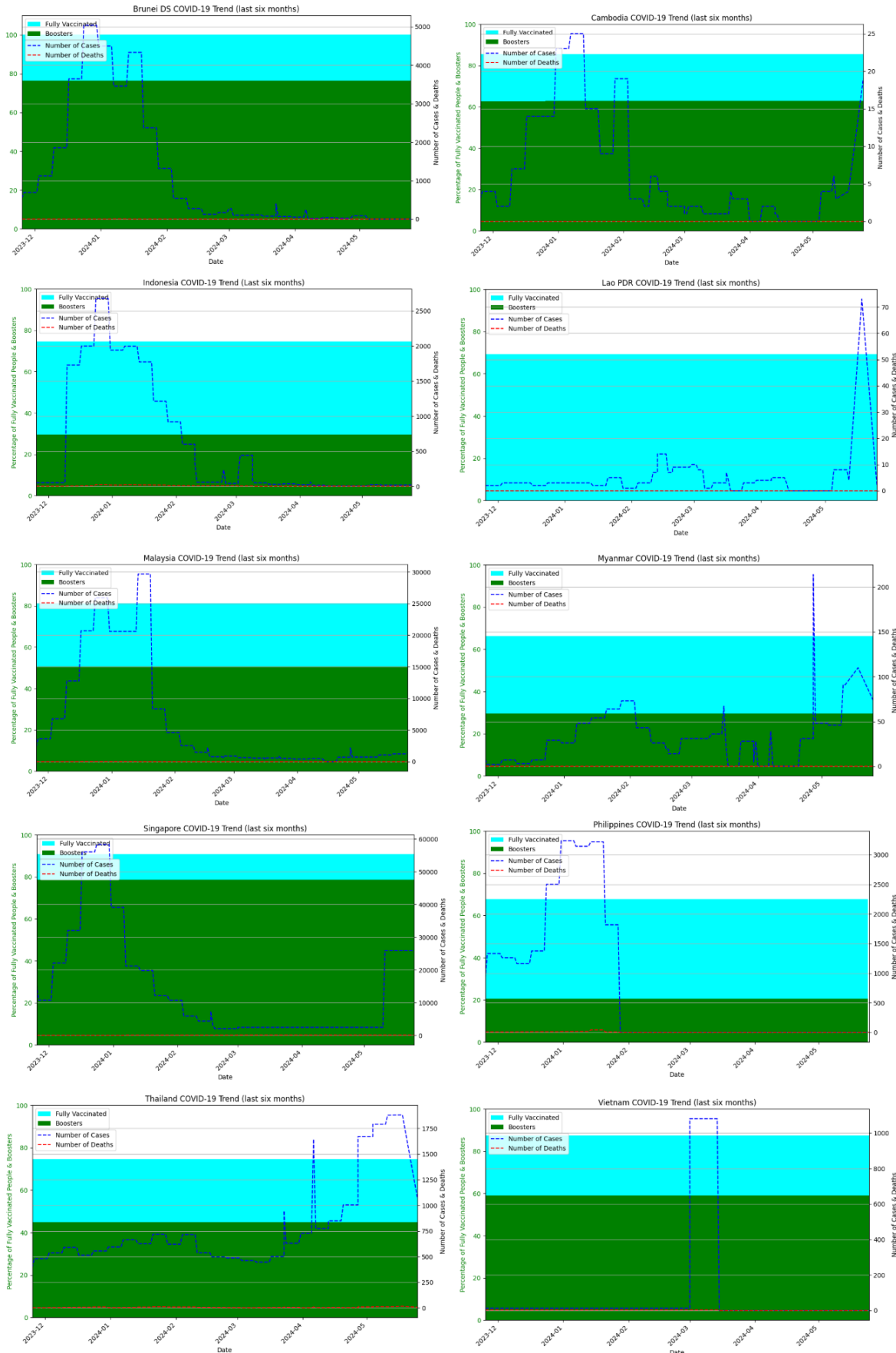


Source: FluNet, accessed on May 28, 2024 (<https://www.who.int/tools/fluinet>)



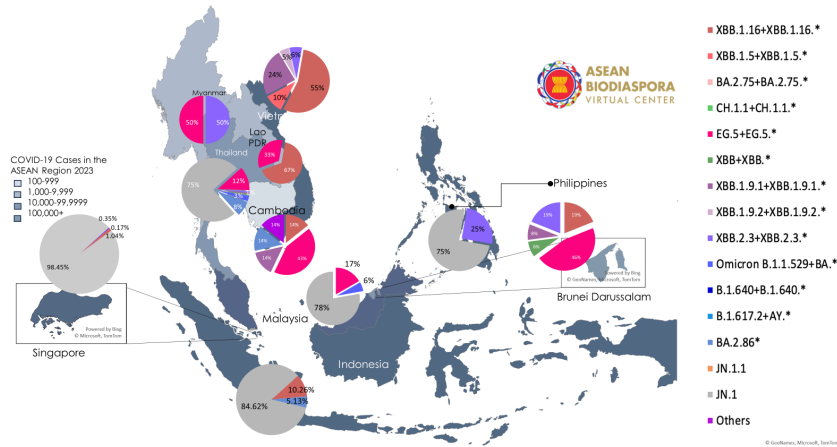
Trends of COVID-19 Cases, Deaths, and Vaccine Coverage among AMS

From November 25, 2023 to May 25, 2024



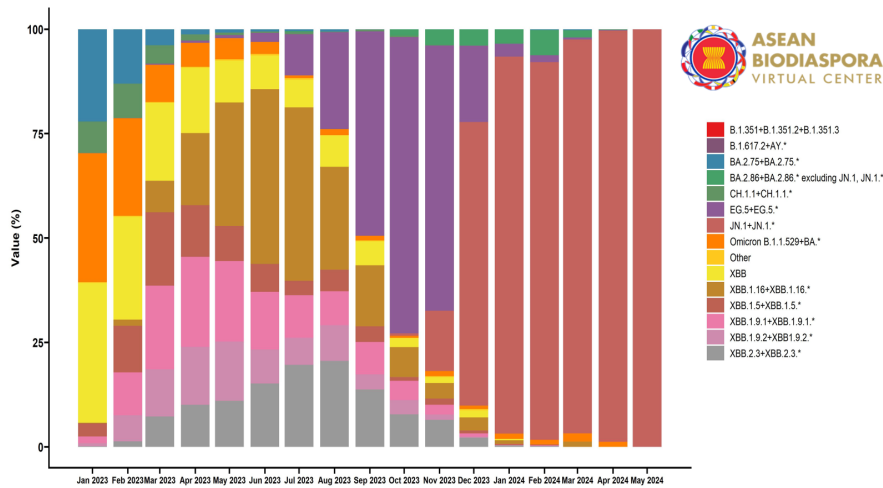
Source: AMS Official Sources, [Worldometer](#), [Our World In Data](#), and [WHO](#), accessed on May 28, 2024

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



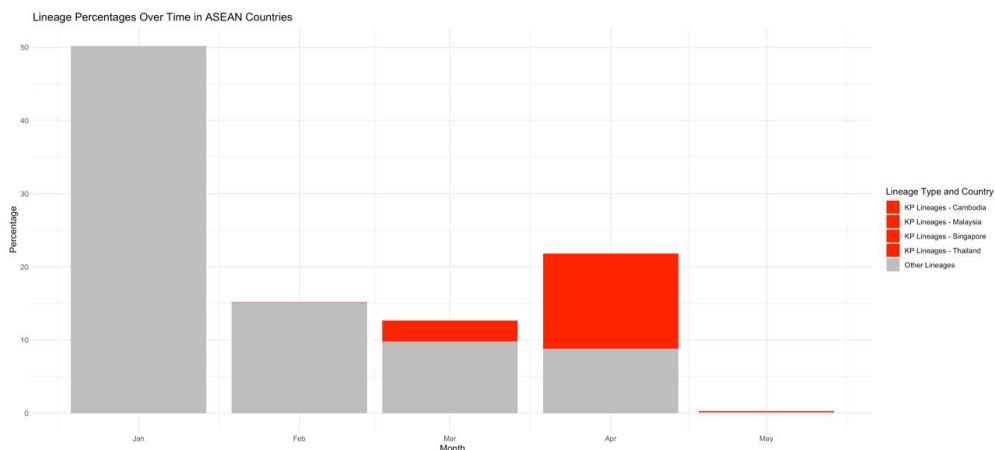
Source: GISAID. "hCoV-19 Variants Dashboard," accessed on May 28, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)

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



Source: GISAID. "hCoV-19 Variants Dashboard," accessed on May 28, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)

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

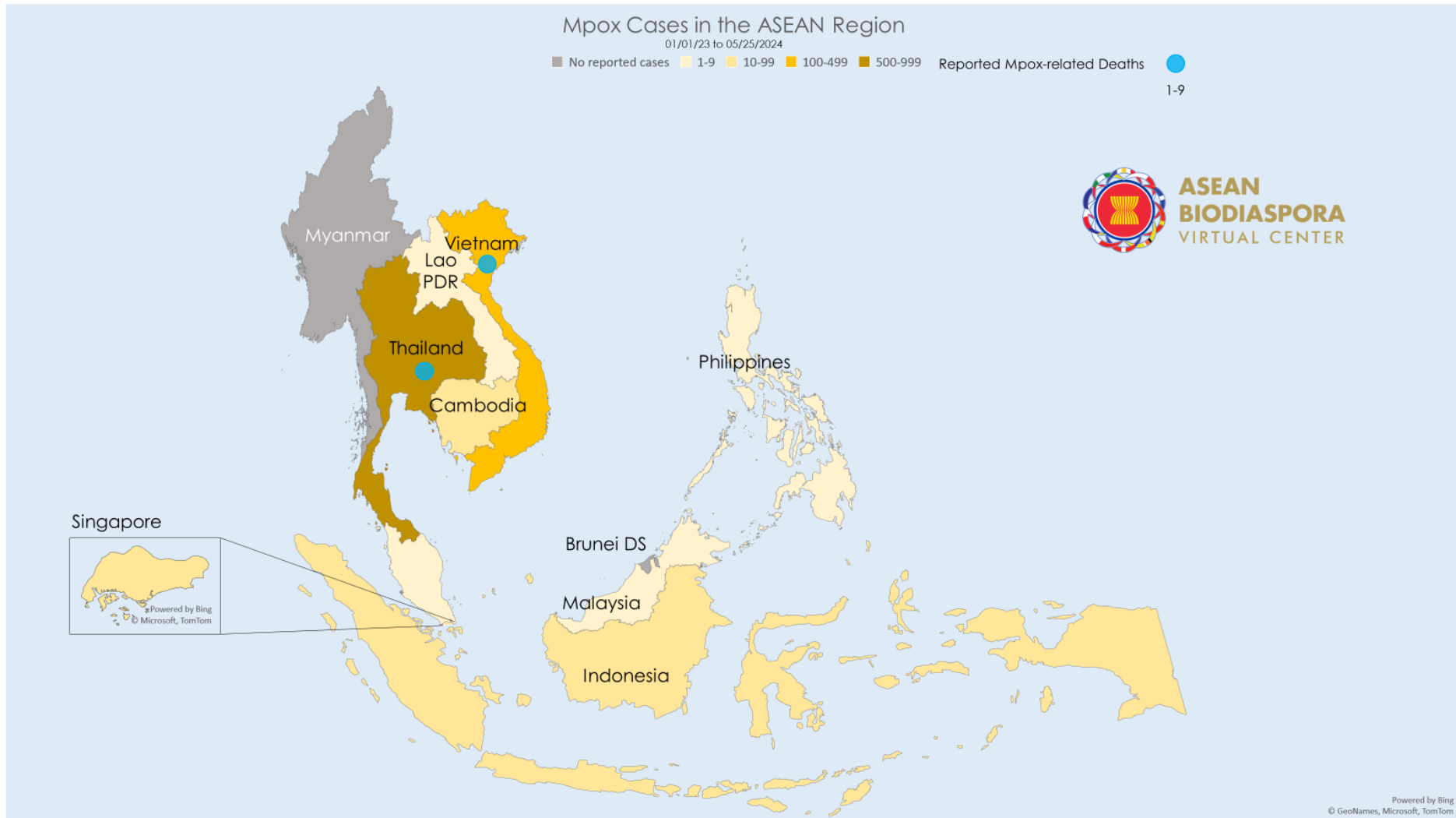


Source: GISAID. "hCoV-19 Variants Dashboard," accessed on May 28, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)



Mpox Cases Reported in the ASEAN Region

January 1, 2023 – May 25, 2024



Source:

1. Ministry of Health Republic of Indonesia
2. Bluedot Platform, accessed on May 28, 2024 (<https://portal.bluedot.global>)
3. Ministry of Health Singapore, accessed May 28, 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 25 May 2024, **12,974** confirmed cases worldwide since 2023, including **130** deaths. Globally, the CFR was **1.00%**.
- 1108 confirmed cases** including **nine deaths** in the **ASEAN** region, with a CFR of **0.81%**.
- 11,866 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 May 25, 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	87	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	40	0	0	0.00%
Thailand ¹	762	13	1	0.13%
Vietnam ¹	191	24	8	4.19%
ASEAN Total	1,108	37	9	0.81%

Source:

1. Bluedot Platform, accessed on May 28, 2024 (<https://portal.bluedot.global/>)
2. Ministry of Health Republic of Indonesia
3. Ministry of Health Singapore, accessed on May 28, 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 May 25, 2024)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
People's Republic of China	2,353	323	1	0.04%
United States of America	2,301	0	38	1.65%
Democratic Republic of Congo	1,701	199	2	0.12%
Thailand	762	13	1	0.13%
Spain	496	32	0	0.00%

Source: Our World in Data, accessed on May 28, 2024 (<https://ourworldindata.org/monkeypox>)

Mpox cases per region (Jan. 1, 2023 to May 25, 2024)

REGIONS	CUMULATIVE CASES	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	1,941	218	9	0.46%
AMERICAS	4,425	-	87	1.97%
ASEAN	1,108	37	9	0.81%
ASIA & OCEANIA	3,949	387	20	0.51%
EUROPE	1,551	108	5	0.32%
TOTAL	12,974	750	130	1.00%

Source: Our World in Data, accessed on May 28, 2024 (<https://ourworldindata.org/monkeypox>)

Media Monitoring for Emerging Diseases

Epidemiological Week 21 | May 19 – 25, 2024

Global Situation for Emerging Diseases

COVID-19

- **Bangladesh** reported 12 more COVID-19 cases in the last 24 hours, with 259 samples tested, a positivity rate of 4.63% (The Daily Observer, 2024). The country's total fatalities remained at 29,495, with 2,050,303 cases and 2,017,781 recoveries. [\[Full article\]](#)
- **India** has recorded 324 COVID-19 cases, including 290 cases of KP.2 and 34 cases of KP.1, sub-variants of JN1 (Upadhyay, 2024). The Indian SARS-CoV-2 Genomics Consortium (INSACOG) has traced nearly 290 cases of KP.2 across the country, with Maharashtra being the highest among the states reporting KP.2 cases. The INSACOG is able to detect any new variants and samples are collected from hospitals in a structured manner to detect any change in the severity of disease due to the virus. [\[Full article\]](#)
- **New Zealand:** A new subvariant of COVID-19, called FLiRT, is circulating in New Zealand, causing a "significant" wave of the virus as the country heads into winter (News, 2024). A professor from the University of Canterbury warns that FLiRT, also known as FLip, is driving COVID-19 numbers up internationally and is starting to occur in Aotearoa. There has been a rapid increase in COVID-19 hospitalisations, with around 240 people in hospital with the virus, up from 120 a couple of weeks ago. [\[Full article\]](#)

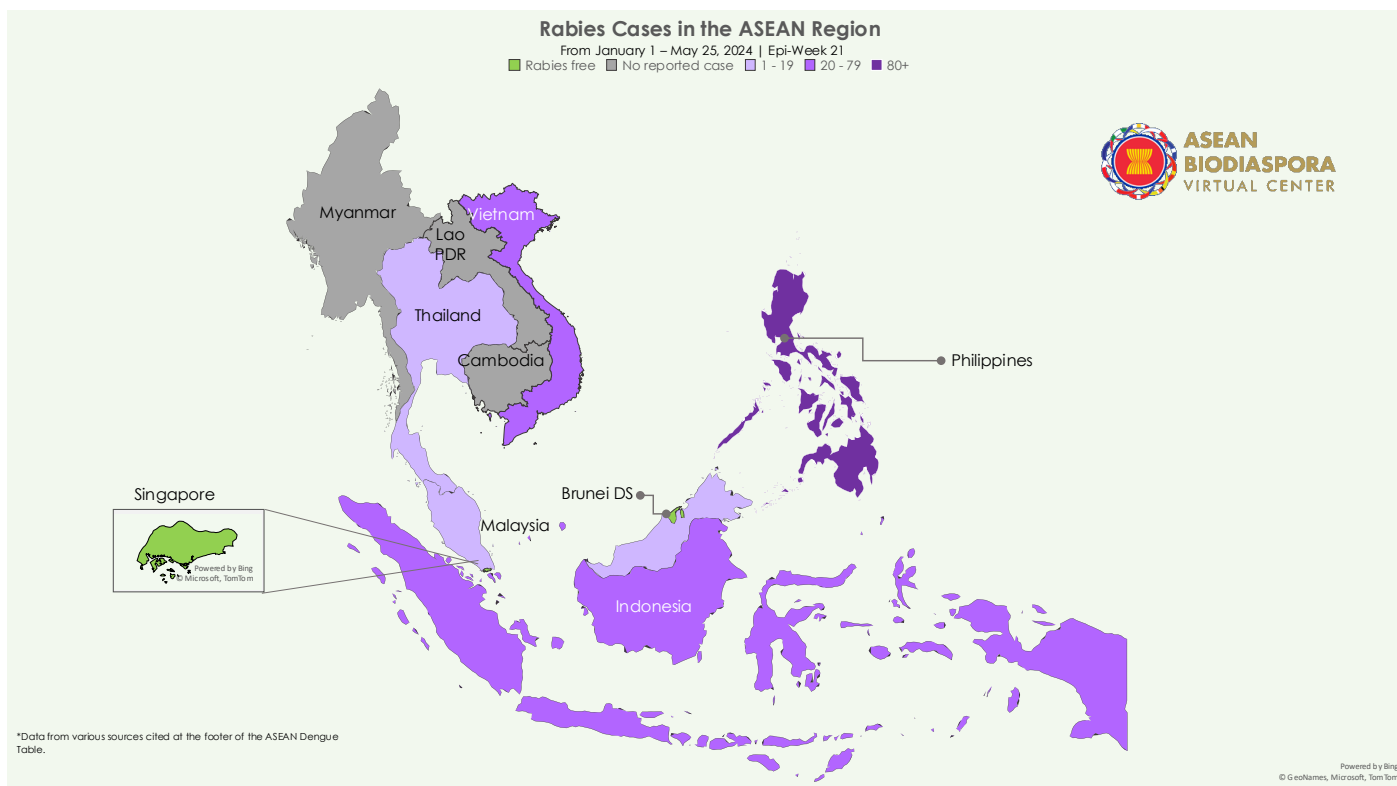
Regional Situation for Emerging Diseases

- **Malaysia:** The Ministry of Health reported a 14.8% increase in COVID-19 cases during the Epidemiological Week 20 from May 12 to 18, with no COVID-19-related fatalities recorded since April 25 (Bernama, 2024). The occupancy rate of non-critical beds slightly increased, while ICU bed occupancy decreased. The current COVID-19 variant circulating in Malaysia is the Omicron variant and its subvariants, with one case each of KP.2.1 and KP.1.1 reported since March 2024. [\[Full article\]](#)
- **Singapore** is experiencing a new COVID-19 wave, with rising cases in the last two weeks, according to the Health Minister (Fang, 2024). The wave is expected to peak between mid and end of June. The estimated number of COVID-19 cases in the week of May 5 to May 11 rose to 25,900 cases, compared with 13,700 cases in the previous week. [\[Full article\]](#)
- The **Philippines:** The Department of Health in the Philippines reported a slight increase in COVID-19 cases, but stressed that all regions remained at low risk for transmission (Cabico, 2024). The agency reported 877 new infections from May 7 to 13, with an average of 125 cases per day. Only 116 severe and critical cases were admitted to hospitals. [\[Full article\]](#)

ZOONOSIS

Rabies Cases in the ASEAN Region

From January 1 to May 25, 2024 (Epi-Week 21)



Rabies cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Rabies Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Brunei Darussalam			Rabies-free country		
Cambodia	-	-	-	-	-
Indonesia¹	Week 21	37	3	37	100%
Lao PDR	-	-	-	-	-
Malaysia²	Week 4	3	0	3	100%
Myanmar	-	-	-	-	-
Philippines²	Week 14	89	0	89	100%
Singapore			Rabies-free country		
Thailand³	Week 17	1	0	1	100%
Vietnam²	Week 14	29	0	29	100%
Total		159	3	159	100%

1. Ministry of Health, Republic of Indonesia
 2. Bluedot Platform, accessed May 28, 2024 (<https://portal.bluedot.global/>)
 3. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed May 28, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **3** new rabies cases since the previous report. The region reported **159** total cases with **100%** CFR.



Media Monitoring for Zoonosis

Epidemiological Week 21 | May 19 – 25, 2024

Global Situation for Zoonosis

Avian Influenza (H5N1)

- **Australia** has reported its first human case of bird flu, affecting a child who had recently traveled from India (Sagita, 2024). Health authorities in Victoria have conducted contact tracing, and no relatives or close environment have been identified as having contracted bird flu. The case involves the H5N1 virus, which is not the same as the virus that caused the bird flu outbreak in the United States. A highly pathogenic strain of bird flu was detected at an egg farm near Melbourne, likely originating from wild bird populations and having been seen in Australia before. Restrictions are imposed on movement around the farm and birds will be culled. The outbreak is not believed to pose any further health risks to humans. [\[Full article\]](#)
- The **United States (US)**: US health authorities have confirmed a second case of bird flu in a human, less than two months after the first case. Both cases were dairy farm workers who recovered from minor symptoms (Borneo Bulletin, 2024). The Centers for Disease Control and Prevention (CDC) expects more cases due to high levels of the virus in raw milk from infected cows. [\[Full article\]](#)

Rabies

- **China**: A 3-year-old boy in Henan Province, China, died from rabies virus immune failure after a dog bite (Times, 2024). The incident occurred in Zhaogang village, Nanyang city, and he was treated at local hospitals for rabies and tetanus. However, his health deteriorated, leading to an acute fever, vomiting, and agitation. [\[Full article\]](#)
- **India**: The city of Guwahati has seen a surge in rabies cases among stray dogs, raising concerns about public safety (Malakar, 2024). Dog bite victims are also concerned about contracting the fatal virus. To control the situation, the Guwahati Municipal Corporation has been conducting anti-rabies vaccination drives. In the past five months, 20 stray dogs have been detected with rabies, and over 50 dog bite cases have been reported in the city. [\[Full article\]](#)
- The **United States (US)**: Two people were exposed to a bat with rabies in Englewood, Colorado, marking the fourth case confirmed this year and the first in Arapahoe County (Langford, 2024). Most cases of rabies in Colorado are found in bats, with 47 of 55 reported statewide in 2023. The bat was found near Quincy Avenue and Santa Fe Drive, and those in direct contact should contact Arapahoe County Public Health and their doctor. Preventing rabies exposure involves vaccinations, keeping pets and livestock away from wildlife, and not feeding or touching wild animals. [\[Full article\]](#)

Regional Situation for Zoonosis

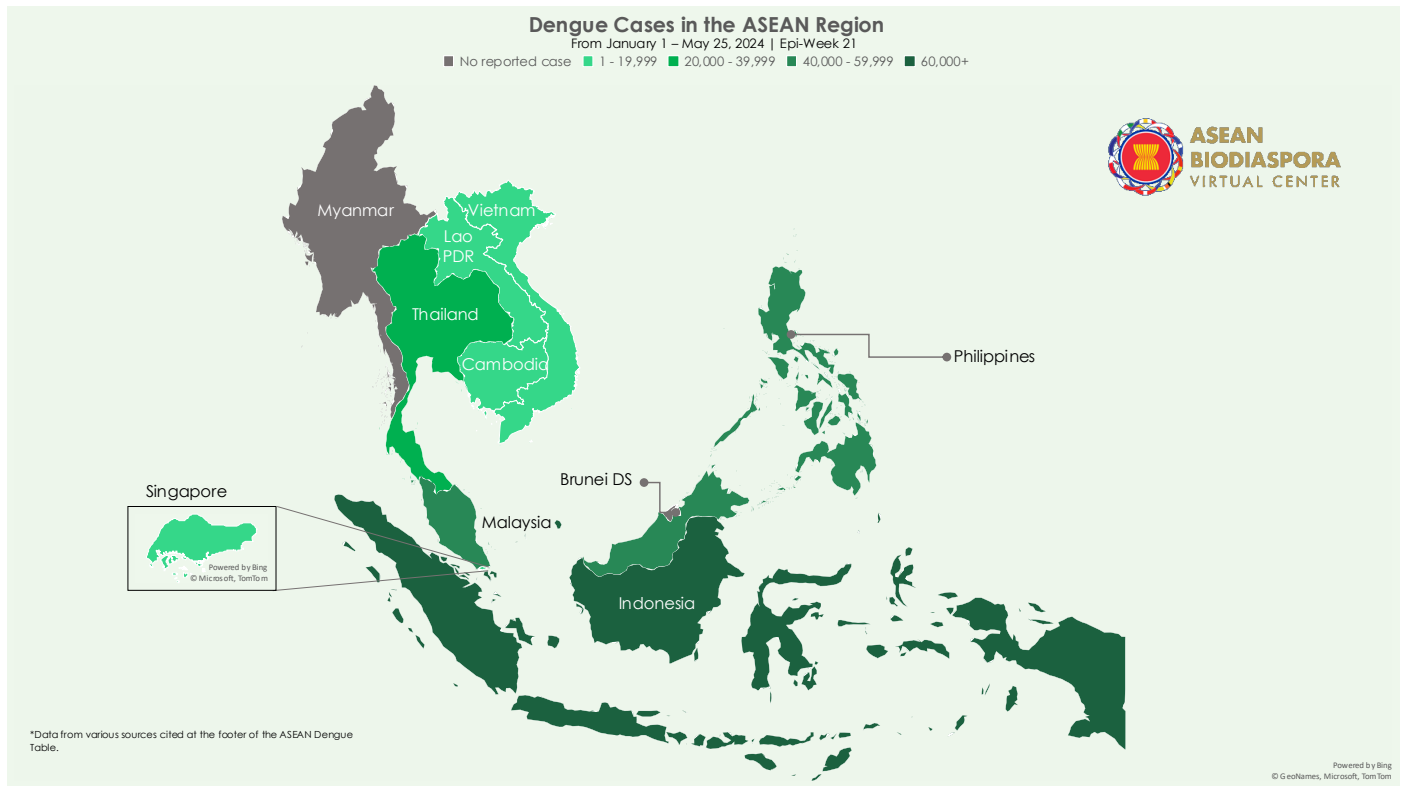
Rabies

- **Indonesia**: A 7-year-old girl in Banjar Tengah, Jembrana District, suffered serious facial injuries after being attacked by a dog (Budiastrawan, 2024). She was rushed to General Hospital in Denpasar for operations. Hospital medical officers administered anti-rabies vaccine and anti-rabies serum due to the high-risk wound. Laboratory tests on brain samples from dogs attacking a 5-year-old child in Banjar Kebebung, Mendoyo Daging Tukad Village, Jembrana, showed positive results for rabies. The dog's brain sample was sent to the Denpasar Veterinary Center and tested positive for rabies. As of May 2024, the number of positive rabies cases in Jembrana has reached 18. [\[Full article\]](#)

VECTOR-BORNE DISEASES

Dengue Cases in the ASEAN Region

From January 1 to May 25, 2024 (Epi-Week 21)



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 17	5,351	-	19	-	0.36%
Indonesia ^{2*}	Week 19	101,216	5,623	680	31	0.67%
Lao PDR ¹	Week 18	2,556	-	0	-	0.00%
Malaysia ³	Week 19	57,220	-	40	-	0.07%
Myanmar	-	-	-	-	-	-
Philippines ⁴	Week 21	59,267	3,820	164	9	0.28%
Singapore ^{5**}	Week 20	7,432	292	0	0	0.00%
Thailand ^{6***}	Week 18	29,536	-	32	-	0.11%
Vietnam ¹	Week 19	18,800	-	2	-	0.01%
Total		281,378	9,735	937	40	0.33%

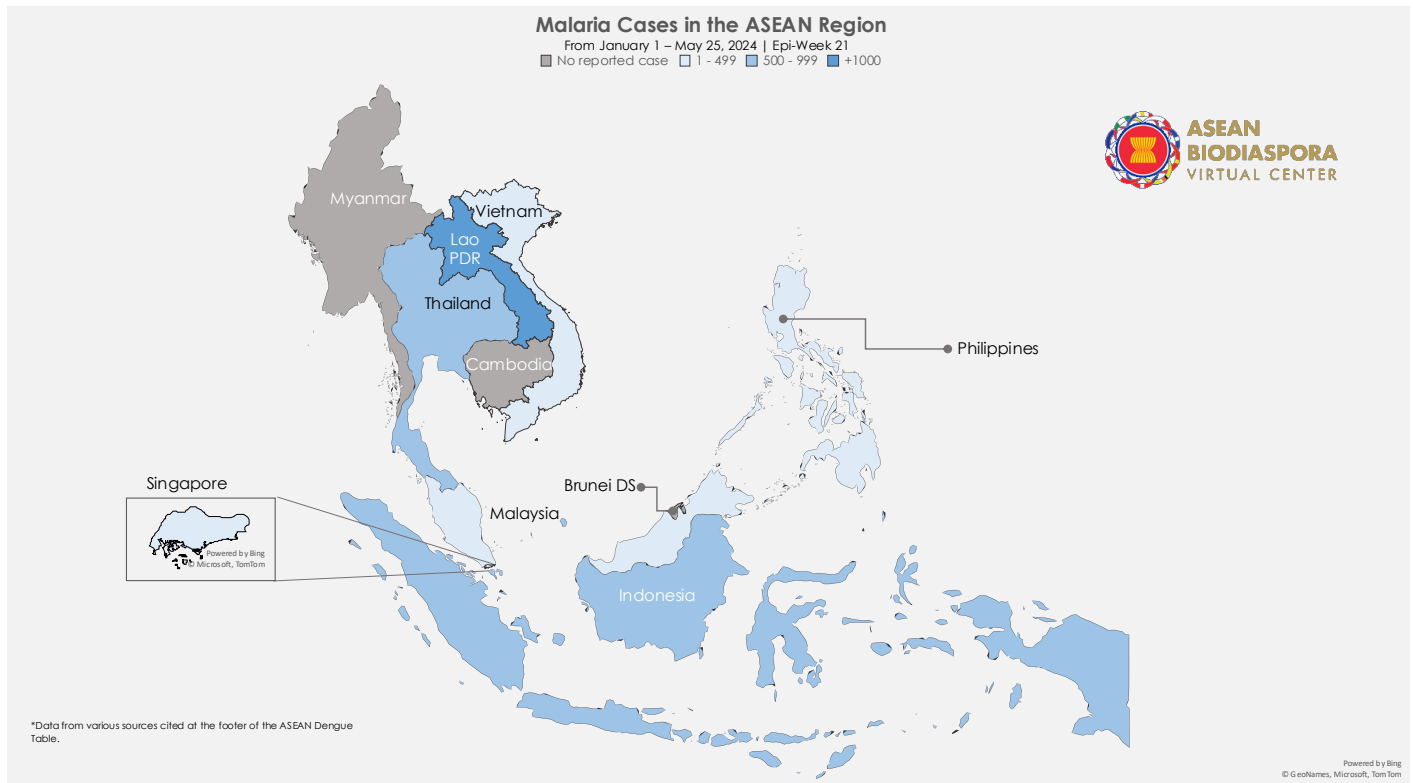
1. WHO WPRO, "Dengue," World Health Organization, accessed May 28, 2024 (<https://www.who.int/westpacific/emergencies/surveillance/dengue>).
 2. Ministry of Health, Republic of Indonesia
 3. Disease Control Division, Ministry of Health Malaysia, accessed May 28, 2024. https://www.moh.gov.my/index.php/database_stores/store_view/17
 4. Bluedot Developer Portal, accessed May 28, 2024. <https://developer-portal.bluedot.global/>.
 5. Ministry of Health, "Weekly Infectious Disease Bulletin", accessed May 28, 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 May 28, 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 **9,735** new dengue cases since the previous report. The region reported **281,378** total cases with **0.33%** CFR.



Malaria Cases in the ASEAN Region

From January 1 to May 25, 2024 (Epi-Week 21)



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 21	3,184	26	3	0.09%
Malaysia ¹	Week 10	2	-	0	0.00%
Myanmar ¹	-	-	-	-	-
Philippines ¹	Week 6	2	-	0	0.00%
Singapore ³	Week 20	8	1	0	0.00%
Thailand ⁴	Week 18	898	-	0	0.00%
Vietnam ¹	Week 20	141	-	0	0.00%
Total		4,989	27	10	0.20%

1. Bluedot Platform, accessed May 28, 2024 (<https://portal.bluedot.global/>)
2. Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed May 28, 2024 (<https://www.facebook.com/CCEH.MoH.Lao/>)
3. Ministry of Health Singapore, accessed May 28, 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 May 28, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **27** new malaria cases since the previous report. The region reported **4,989** total cases with **0.20%** CFR.



Media Monitoring for Vector-borne Diseases

Epidemiological Week 21 | May 19 – 25, 2024

Global Situation for Vector-borne Diseases

Dengue

- **Bangladesh:** The Directorate General of Health Services (DGHS) reported more than 86 dengue patients hospitalized in a week, with 33 deaths reported in this year (BSS, 2024). The total number of cases increased to 2,714 this year, with 2,550 patients released. The country recorded 1,705 dengue-related deaths and 321,179 cases last year. [[Full article](#)]
- **France:** Occitania has seen ten people sick with dengue fever in 2024, prompting health authorities to launch a hunt for tiger mosquitoes (Sabouraud, C., 2024). The tiger mosquito, which only feeds on human blood, is the most feared creature during hot seasons. Health authorities warn that the mosquito will appear earlier and stronger than usual in 2024. The first mosquito larvae emerged from their eggs in Montpellier in Hérault, indicating a more difficult season than in 2023. [[Full article](#)]
- **India:** Dengue cases in Ernakulam have risen to 45 confirmed cases in the past five days, with 29 suspected cases from May 13 to May 17 (Bureau, T.H., 2024). The total number of confirmed cases increased from 13 to 23 on May 17, with regions including Thirumarady, Kumbalangi, Mulavukad, Thiruvankulam, Thiruvaniyoor, Moolamkuzhi, and Kalamaserry reporting cases. [[Full article](#)]
- **Pakistan:** At least 14 dengue patients have died in Turbat, while over 5,000 have been diagnosed in Kech district of Makran division (Baloch, B., 2024). Despite the deaths and detections of several thousand people, the health department has not declared an emergency in Kech district and provided proper treatment facilities for patients. [[Full article](#)]
- **Sri Lanka:** Health officials predict a rise in Dengue cases due to ongoing showers in Sri Lanka (Fernandopulle, S., 2024). Director of the National Dengue Control Unit said it emphasizes the importance of public awareness campaigns, mosquito control measures, and medical assistance. As of May 16, 2024, 23,731 cases have been reported, with Colombo District having the highest number of infections. [[Full article](#)]
- The **United States (US):** The CDC has identified New York City and Florida as leaders in dengue outbreaks, with 114 confirmed cases and 173 confirmed cases, mainly from Brazil and Cuba (Hackett, 2024). The US has reported 6,090 travel-associated cases and 186 local cases in 2023, with 7,327,521 suspected cases and 1,700 deaths registered in 2024. [[Full article](#)]

Regional Situation for Vector-borne Diseases

Dengue

- **Indonesia:** The Minister of Health has highlighted the increase in Dengue hemorrhagic fever (DHF) cases in the country (Rahmadania, 2024). In the 18th epidemiological week of 2024, there were 91,269 cases, with 641 deaths, attributed to climate change. However, dengue fever cases in Indonesia are still relatively small compared to other countries like Brazil. The country's dengue fever cases are influenced by climate cycles, such as El Nino, which could increase. [[Full article](#)]

In Southeast Sulawesi, Dengue Hemorrhagic Fever (DHF) has reached 4,067 cases with 17 deaths due to the bite of the *Aedes aegypti* mosquito (Andika, 2024). Kendari City had the highest number of cases, with 1,894 cases. As of May 16, there were 4,067 cases, with 4,035 cured and 17 deaths. Kendari City had the highest number of deaths, with 11 patients. [[Full article](#)]



- **Philippines:** Dengue cases in the Philippines decreased by 30% in the last two weeks of April due to more frequent thunderstorms and rainshowers (Serquiña, 2024). Since the start of 2024, the Department of Health has recorded 59,267 cases and 164 deaths. [[Full article](#)]
- **Vietnam:** Hanoi City has recorded 41 more cases of dengue fever, marking the second consecutive week of increased cases (Báo Lao động thủ đở, 2024). The number of dengue fever cases has risen by over 2.5 times since January 2024, with 669 cases recorded from the beginning of 2024. The Hanoi Center for Disease Control is working with organizations to monitor disease vectors and mosquitoes in these outbreaks. The Ministry of Health has licensed and extended the circulation registration for 40 types of biological vaccines, including the dengue fever vaccine. [[Full article](#)]

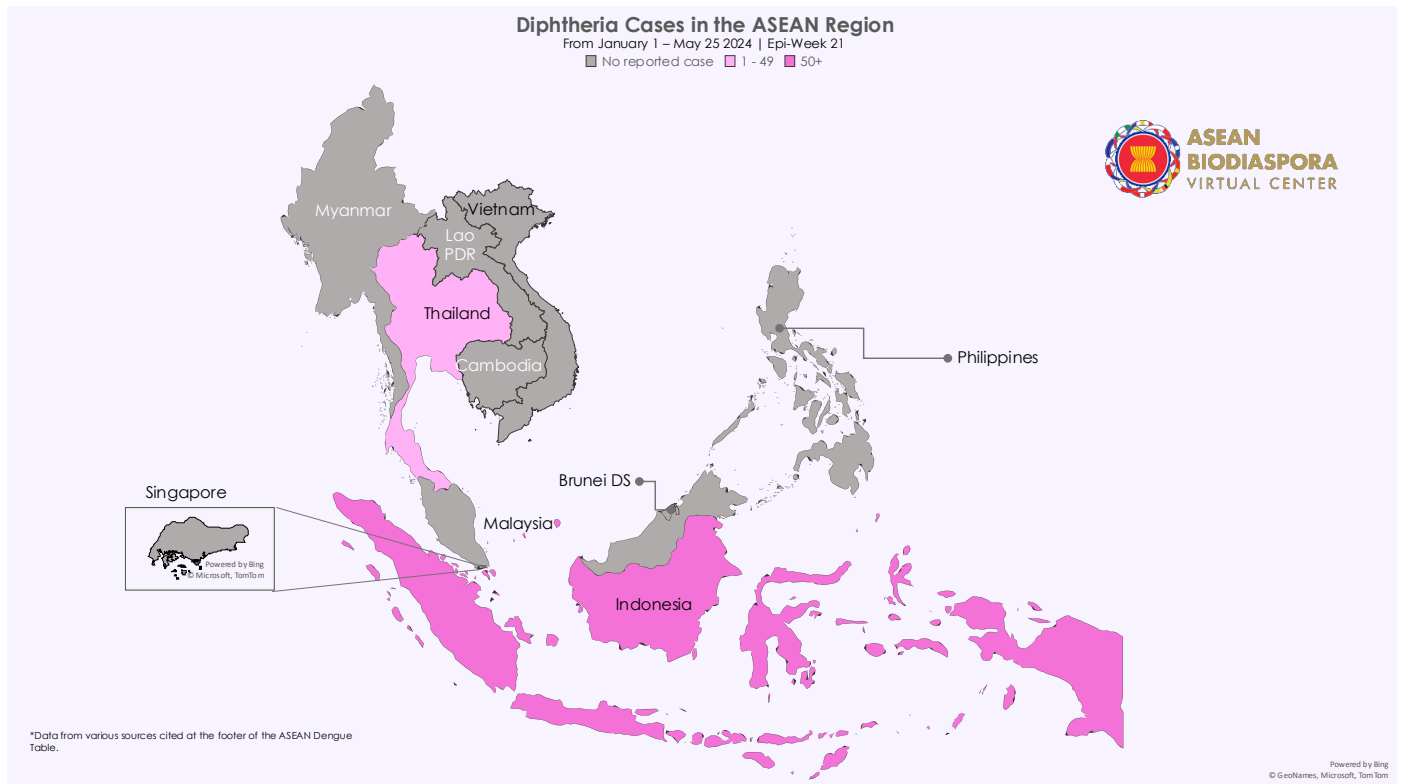
Malaria

- **Indonesia:** Malaria cases in the Pohuwato district, Gorontalo province have decreased from 718 in the first four months of 2024 to 313 currently, thanks to joint efforts by the government, health services, and the community (Akuba, 2024). The reduction is attributed to a decrease in illegal mining activities and intensive preventive measures taken by community health centers. Despite the decline, vigilance must be maintained, with four sub-districts being the main focus of monitoring and prevention. [[Full article](#)]

VACCINE-PREVENTABLE DISEASES

Diphtheria Cases in the ASEAN Region

From January 1 to May 25, 2024 (Epi-Week 21)



Diphtheria cases in the ASEAN region

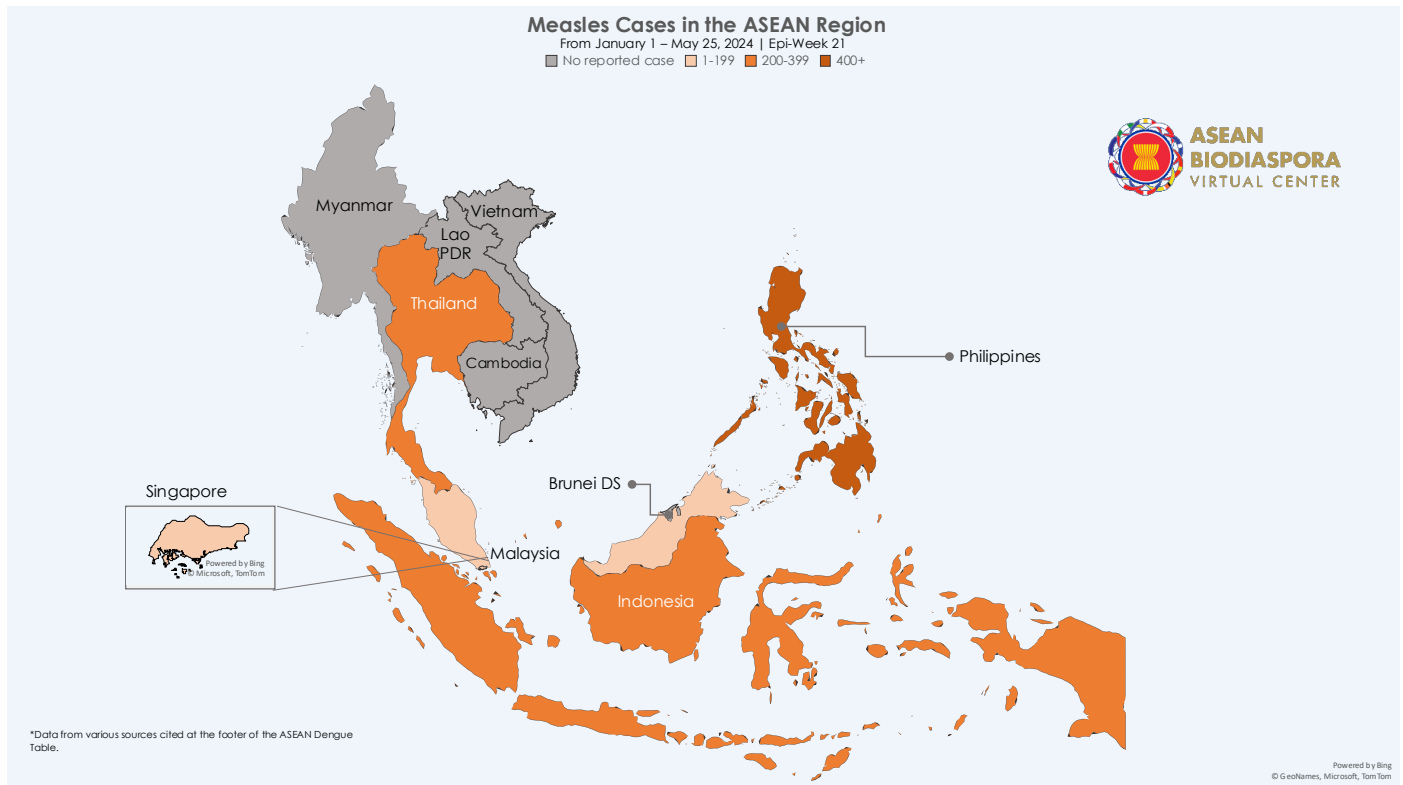
Country	Epi-Week Reported	Cumulative Diphtheria Cases	New Cases Since the Previous Report	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia	-	-	-	-	-
Indonesia ¹	Week 20	281	11	15	5.34%
Lao PDR	-	-	-	-	-
Malaysia	-	-	-	-	-
Myanmar	-	-	-	-	-
Philippines ²	-	-	-	-	-
Singapore ³	Week 20	0	0	0	0%
Thailand ⁴	Week 18	1	-	1	100%
Vietnam ⁵	-	-	-	-	-
Total		282	11	16	5.67%

1. Ministry of Health, Republic of Indonesia.
2. Department of Health Website, accessed May 28, 2024 "Statistics" (<https://doh.gov.ph/statistics>)
3. Ministry of Health Singapore, accessed May 28, 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 May 28, 2024 (<http://doe.moph.go.th/surdata/index.php>)
5. BlueDot Platform, accessed May 28, 2024 (<https://developer-portal.bluedot.global/>)

- The ASEAN region reported **11** new diphtheria cases since the previous report. The region reported **282** total cases with **5.67%** CFR.

Measles Cases in the ASEAN Region

From January 1 to May 25, 2024 (Epi-Week 21)



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 20	741	60	0	0.00%
Lao PDR	-	-	-	-	-
Malaysia ²	Week 11	34	-	0	0.00%
Myanmar	-	-	-	-	-
Philippines ²	Week 15	2,500	-	3	0.12%
Singapore ⁴	Week 20	8	1	0	0.00%
Thailand ⁵	Week 18	752	-	0	0.00%
Vietnam ²	Week 13	42	-	0	0.00%
Total		4,077	61	3	0.08%

1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed May 28, 2024 (<https://developer-portal.bluedot.global/>)
3. Ministry of Health Singapore, accessed May 28, 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 May 28, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **61** new measles cases since the previous report. The region reported **4,077** total cases with **0.08%** CFR.



Media Monitoring for Vaccine-Preventable Diseases

Epidemiological Week 21 | May 19 – 25, 2024

Global Situation for Vaccine-Preventable Diseases

Measles

- **Pakistan:** Six children have died in a measles and chickenpox outbreak in Syedaan near Kabirwala (Desk, W., 2024). The child infected with measles was identified and transferred to a hospital. The outbreak has sparked concern among local residents, WHO have called for urgent action to deal with the outbreak. [[Full article](#)]
- **Russia:** A patient in Ozersk is undergoing treatment for measles, a serious viral disease that can lead to complications like meningitis, encephalitis, and pneumonia (BezFormata, 2024). The patient's circle of contact persons includes over 100, and those who have not been vaccinated are under medical supervision. Measles is highly contagious and spreads through airborne droplets. It is particularly dangerous for children, and parents should ensure their children are vaccinated. In 2022, measles cases in Russia increased 19%, and in the Chelyabinsk region, 261 cases were registered in just three months. [[Full article](#)]

Pertussis

- **Canada:** Quebec has reported over 900 cases of whooping cough since 2024, with the Eastern Townships and Chaudière-Appalaches regions being the most affected (Staff, 2024). Children under three months of age are most susceptible, accounting for nearly half of hospitalizations, intensive care admissions, and deaths due to pertussis. Vaccination is recommended for protection. [[Full article](#)]
- **Italy** experienced 110 hospitalizations from January to May 2024, with 15 in intensive care for younger children (Breaking Latest, 2024). The Italian Society of Pediatrics warns of a contagious whooping cough epidemic affecting unvaccinated newborns and infants, with three deaths since the start of the year. Experts believe the number of hospitalizations could be underreported. [[Full article](#)]
- The **United Kingdom (UK):** A five-week-old baby in Rugby has died from whooping cough, a surge in cases reported by the UK Health Security Agency (Warwickshire World, 2024). The county's health and wellbeing board confirmed the fatality, with five infant deaths this year, with the highest infection rate in babies under three months old. [[Full article](#)]

Regional Situation for Vaccine-Preventable Diseases

Pertussis

- The **Philippines:** Pertussis cases in the Philippines have decreased, with the majority of cases being children under five (Argosino, F., 2024). The Department of Health reported no continuous increase in pertussis cases during the most recent six-week monitoring period. As of May 11, 2,521 pertussis cases have been reported, including 96 deaths. [[Full article](#)]



Media Monitoring for Other Diseases

Epidemiological Week 21 | May 19 – 25, 2024

Regional Situation for Other Diseases

Hand, Foot, and Mouth Disease

- **Vietnam:** Hanoi has reported a decrease in hand, foot, and mouth disease cases from 61 to 68 cases in the past week, with more outbreaks in Hoang Mai and Thanh Oai (Tiến, D., 2024). The city has recorded 1,184 cases since 2024, a doubling from last year. May is considered the peak month for these diseases, and new cases and outbreaks may continue. [[Full article](#)]



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

Epidemiological Week 21 | From January 1 to May 25, 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	705	0	0%	13	0	0%	-	-	-	5,351	19	0.36%
Indonesia	117,605	1,453	1.26%	87	0	0%	37	37	100%	101,216	680	0.67%
Lao PDR	1,459	87	6.55%	1	0	0%	-	-	-	2,556	0	0%
Malaysia	265,592	494	0.20%	9	0	0%	3	3	100%	57,220	40	0.07%
Myanmar	8,833	5	0.06%	-	-	-	-	-	-	-	-	-
Philippines	141,371	1,467	1.04%	5	0	0%	89	89	100%	59,267	164	0.28%
Singapore	819,481	313	0.04%	40	0	0%	Rabies-free Country			7,432	0	0%
Thailand	62,175	981	2.13%	762	1	0.13%	1	1	0%	29,536	32	0.11%
Vietnam	101,828	20	0.02%	191	8	4.19%	29	29	100%	18,800	2	0.01%
ASEAN Region	1,601,328	4,897	0.32%	1,108	9	0.81%	159	159	100%	281,378	937	0.33%

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%	741	0	0%	281	15	5.34%
Lao PDR	3,184	3	0.09	-	-	-	-	-	-
Malaysia	2	0	0%	34	0	0%	-	-	-
Myanmar	-	-	-	-	-	-	-	-	-
Philippines	2	0	0%	2,500	3	0.12%	-	-	-
Singapore	8	0	0%	8	0	0%	0	0	0%
Thailand	898	0	0%	752	0	0%	1	1	100%
Vietnam	141	0	0%	42	0	0%	-	-	-
ASEAN Region	4,989	10	0.20%	4,077	3	0.08%	282	16	5.67%



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