

ASEAN Biodiaspora Virtual Center

# Morbidity and Mortality Weekly Report Infectious and Emerging Diseases

GLOBAL & ASEAN REGION

August 14, 2024 | MMWR 2024-32  
Epidemiological Week 32



With Support by:  
Canada Korea Disease Control and Prevention Agency bluedot

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](mailto:support@biodiaspora.org)

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## Key Findings

### Global

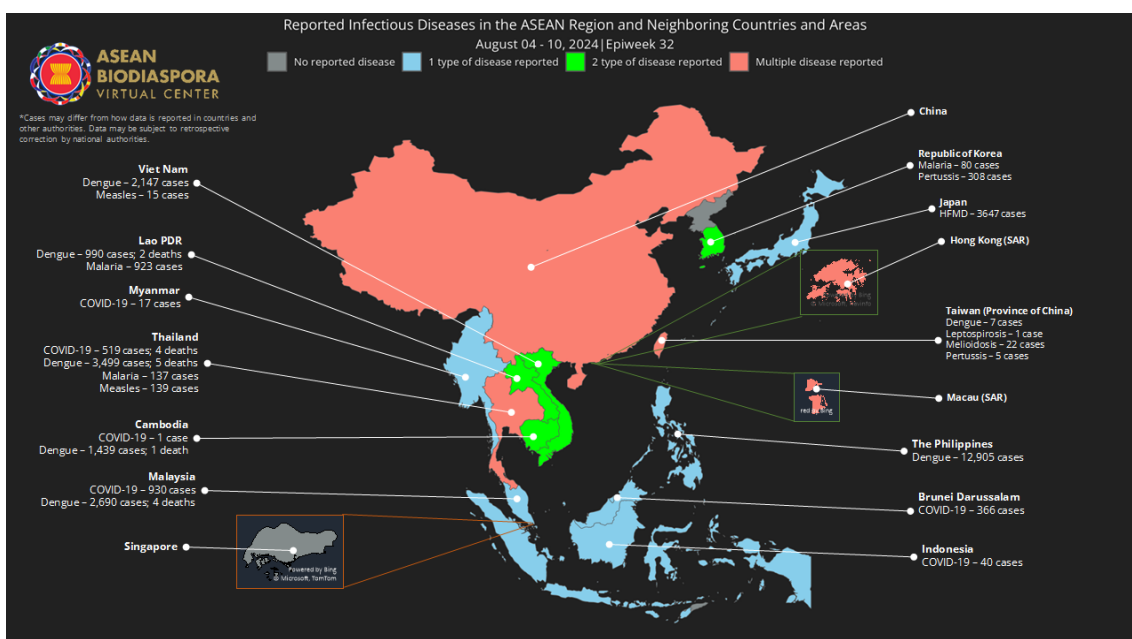
- Gujarat, India, reported 153 Acute Encephalitis Syndrome cases and 66 deaths, with 57 confirmed Chandipura Vesicular Virus cases as of August 4.
- The WHO reported a global rise in COVID-19, particularly with over 40 athletes at the 2024 Paris Olympic tested positive. In the US, cases and hospitalizations are surging in Los Angeles County, while Ohio sees a 10th consecutive week of increasing cases.
- Dengue fever cases are rising globally, with Bangladesh reporting 62 deaths this year and India and Pakistan seeing increases due to monsoon rains. The U.S. has recorded over 3,200 cases amid a global outbreak affecting 43 countries. Alpes-Maritimes, France, confirmed its first indigenous case in 2024.
- Taiwan has reported 11 melioidosis cases in the south after Typhoon Gaemi, with three in intensive care, bringing this year's total to 18, the highest since 2019.
- South Africa confirmed two new cases of mpox, bringing the total to 24 cases, with three deaths. Spain has 260 cases which leads Europe with total of 8,101 mpox cases, mostly in unvaccinated individuals.
- The Oregon Health Authority, the US, reported 14 new measles cases since mid-June, bringing the state total to 23, mostly among unvaccinated individuals.
- The surge of pertussis has been reported worldwide in Australia, France, South Korea, the UK and the US.

### ASEAN Region

- A 16-year-old girl in Svay Rieng, Cambodia, was confirmed to have H5N1 avian influenza, bringing the total number of cases since the beginning of 2024 to nine.
- COVID-19 cases have surged in Brunei Darussalam, Cambodia, Indonesia, Malaysia, Myanmar, and the Philippines.
- The surge of dengue is reported in six AMS (Cambodia, Indonesia, Lao PDR, Malaysia, the Philippines, and Viet Nam).
- The Department of Health of the Philippines reported 67 leptospirosis cases from July 14 to 27 amid flooding from Typhoon Carina and the southwest monsoon in Metro Manila, Philippines.
- Dong Nai Provincial Center for Disease Control, Viet Nam, reported two new cases of measles in the province from July 26 to August 1, bringing the total to 15

## Reported Infectious Diseases in the ASEAN Region and Neighboring Countries

Epidemiological Week 32 | August 4 – 10, 2024



Source: AMS Official Sources, [Worldometer](#), [WHO](#), [Our World in Data](#), and [Bluedot Platform](#), accessed on August 13, 2024

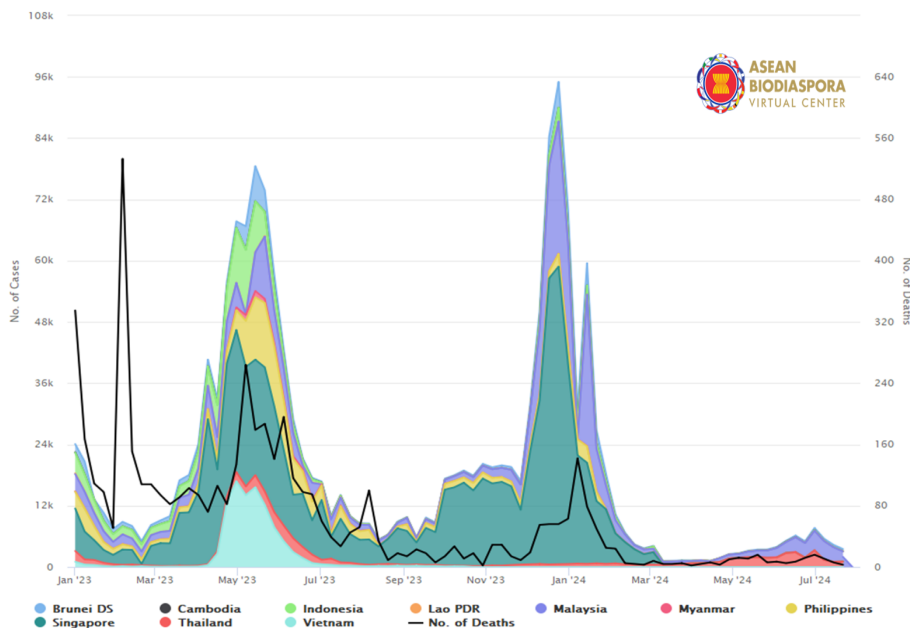
# EMERGING DISEASES

## COVID-19: Highlights and Situation Overview

- As of 10 August 2024 (5PM, GMT+7), there were **704,815,192** confirmed cases **worldwide**, including **7,010,803** deaths. Globally, Case Fatality Rate (CFR) was **1.00%**.
- **37,059,604** 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

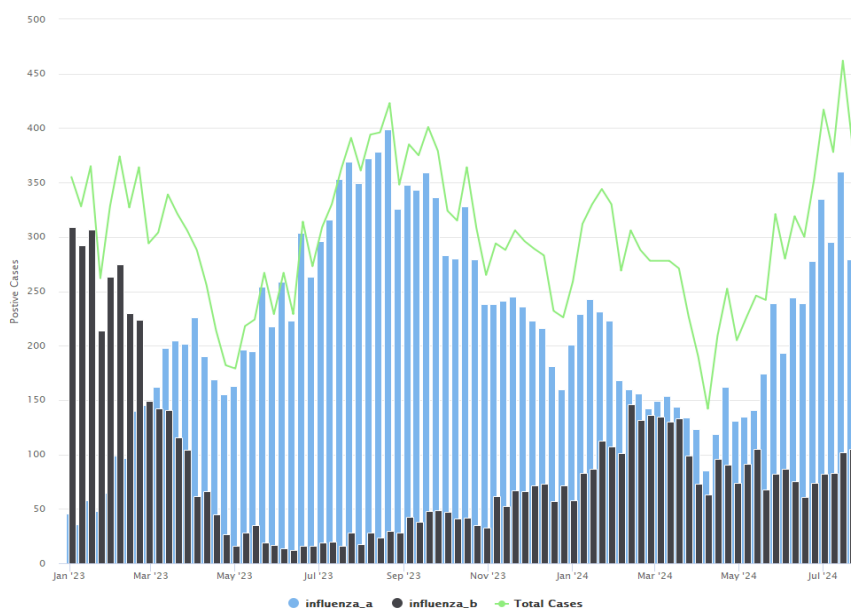
From January 1 to August 10, 2024



Source: [Singapore Government](#), [Worldometer](#), and the [WHO](#), accessed on August 13, 2024

## Trends of Influenza Confirmed Cases in the ASEAN region

From January 1 to August 10, 2024

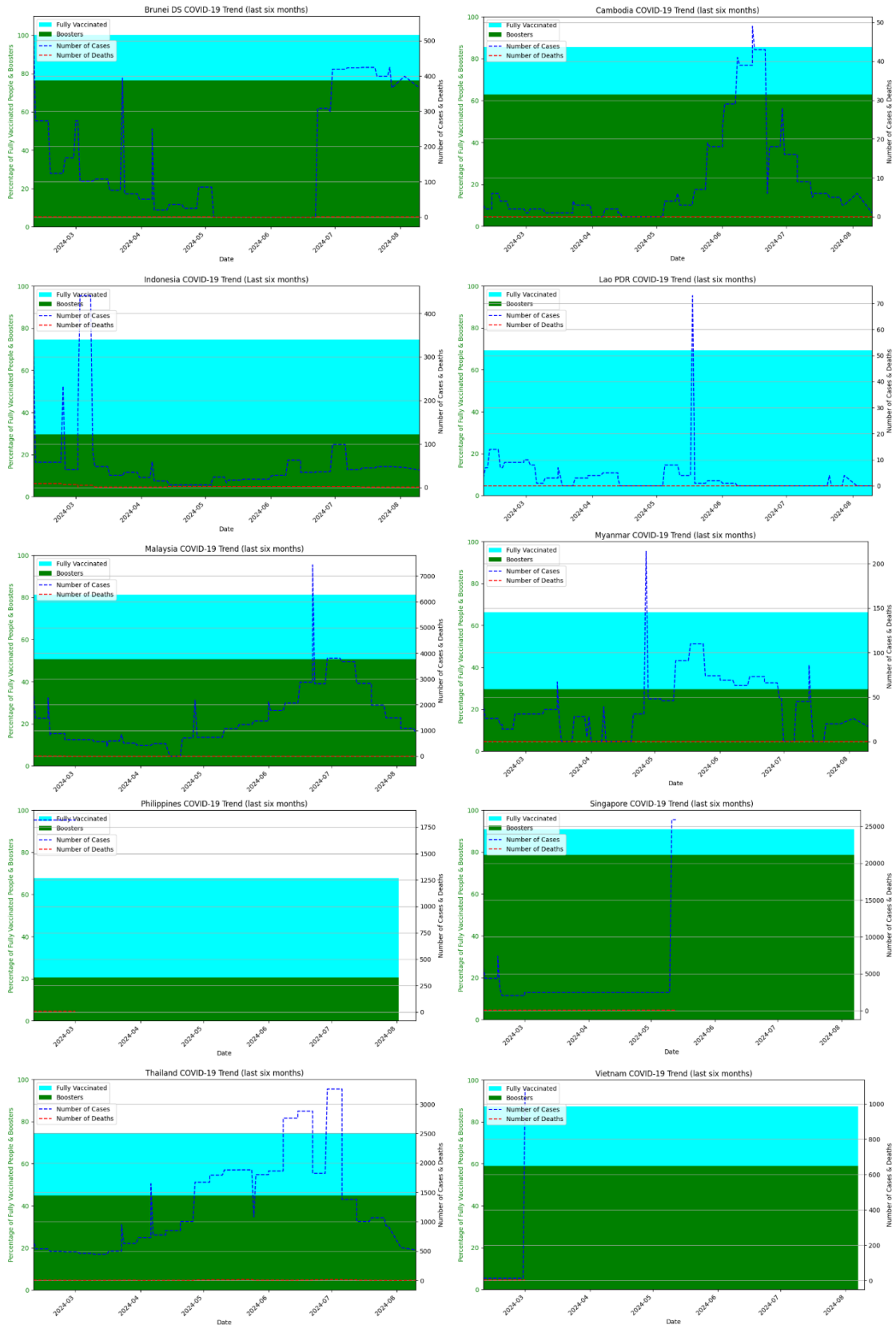


Source: FluNet, accessed on August 13, 2024 (<https://www.who.int/tools/fluNet>)



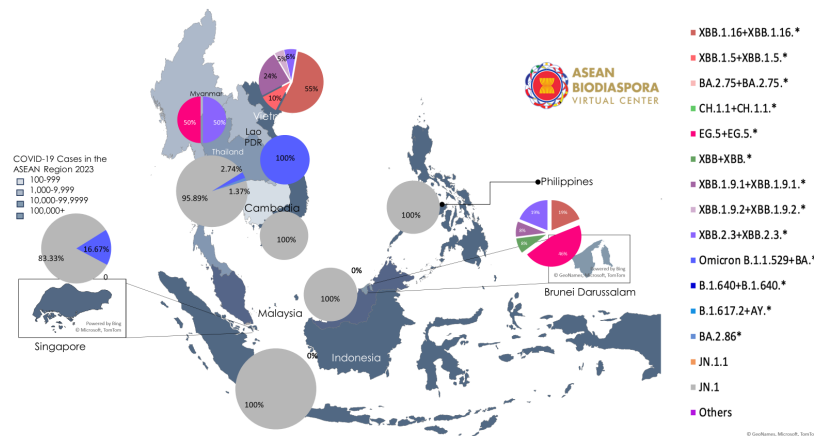
# Trends of COVID-19 Cases, Deaths, and Vaccine Coverage among AMS

From February 3, 2024 to August 10, 2024



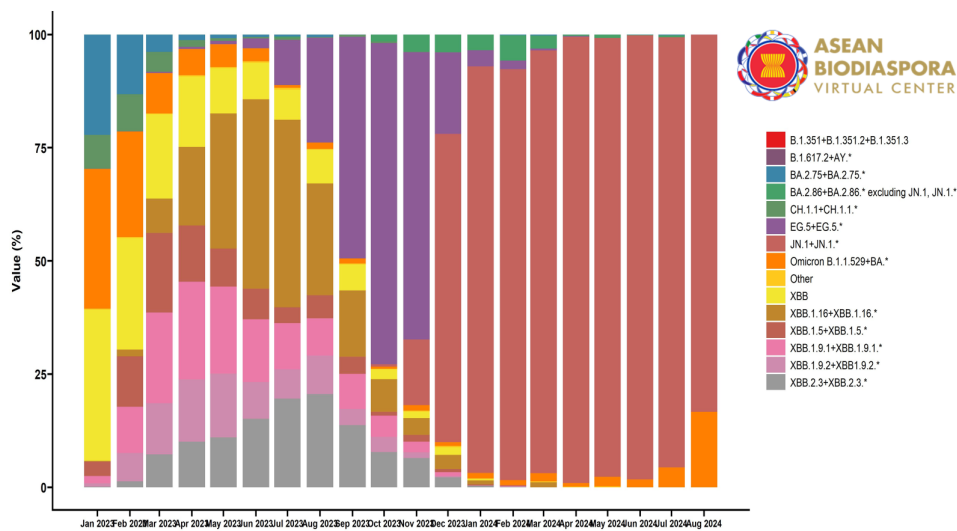
Source: AMS Official Sources, [Worldometer](#), [Our World In Data](#), and [WHO](#), accessed on August 13, 2024

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



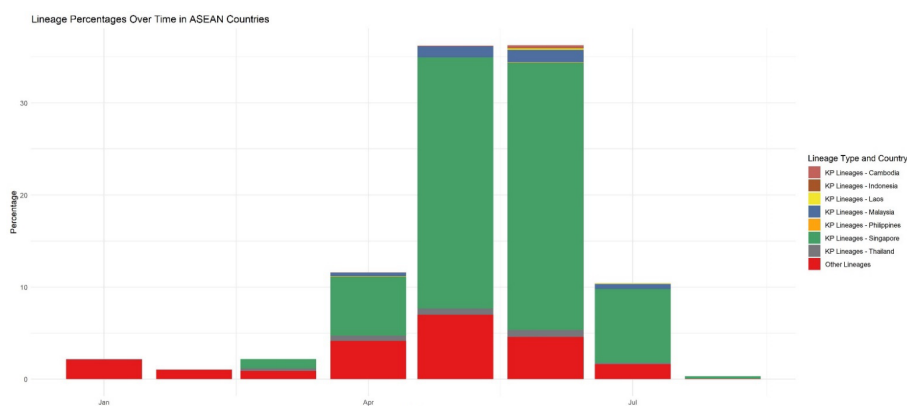
Source: GISAID. "hCoV-19 Variants Dashboard," accessed August 13, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

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



Source: GISAID. "hCoV-19 Variants Dashboard," accessed August 13, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

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

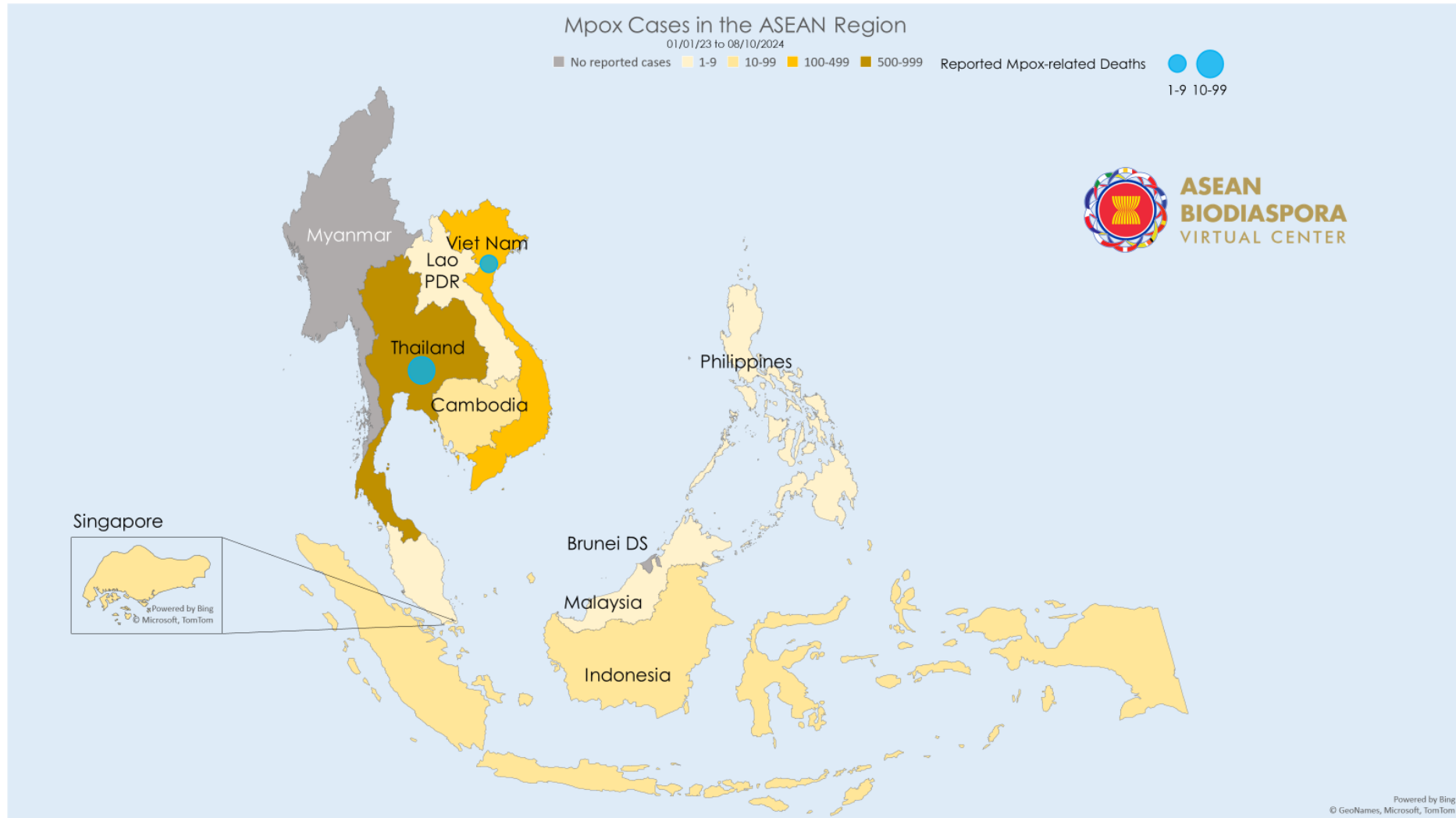


Source: GISAID. "hCoV-19 Variants Dashboard," accessed on August 13, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)



## Mpox Cases Reported in the ASEAN Region

January 1, 2023 – August 10, 2024



Source:

1. Ministry of Health Republic of Indonesia
2. EBS Bluedot (Accessed on August 13, 2024)
3. Ministry of Health Singapore, accessed August 13, 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 10 August 2024, **16,433** confirmed cases worldwide since 2023, including **152** deaths. Globally, the CFR was **0.92 %**.
- **1,151 confirmed cases** including **18 deaths** in the **ASEAN** region, with a CFR of **1.56%**.
- **15,282 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 Aug. 10, 2024)

ASEAN Member States	Cumulative Cases 2023-2024	New Cases Since Previous Report	Cumulative Deaths 2023-2024	CFR
<b>Cambodia<sup>1</sup></b>	13	0	0	0.00%
<b>Indonesia<sup>2</sup></b>	88	0	0	0.00%
<b>Lao PDR<sup>1</sup></b>	1	0	0	0.00%
<b>Malaysia<sup>1</sup></b>	9	0	0	0.00%
<b>Philippines<sup>1</sup></b>	5	0	0	0.00%
<b>Singapore<sup>3</sup></b>	42	0	0	0.00%
<b>Thailand<sup>1</sup></b>	793	0	10	1.26%
<b>Viet Nam<sup>1</sup></b>	200	0	8	4.00%
<b>ASEAN Total</b>	<b>1,151</b>	<b>0</b>	<b>18</b>	<b>1.56%</b>

Source:

1. IBS Bluedot, accessed on August 13, 2024 (<https://portal.bluedot.global>)
2. Ministry of Health Republic of Indonesia, accessed on August 13, 2024 (<https://infeksiemerging.kemkes.go.id/>)
3. Ministry of Health Singapore, accessed on August 13, 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 Aug. 10, 2024)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
<b>United States of America</b>	3,100	0	9	0.29%
<b>Democratic Republic of Congo</b>	2,825	0	10	0.35%
<b>People's Republic of China</b>	2,462	0	1	0.04%
<b>Thailand</b>	793	0	10	1.26%
<b>Brazil</b>	701	0	2	0.29%

Source: Edouard Mathieu, Fiona Spooner, Saloni Dattani, Hannah Ritchie and Max Roser (2022) - "Mpox (monkeypox)". Published online at OurWorldInData.org. Retrieved from: '<https://ourworldindata.org/monkeypox>' [Online Resource]

### Mpox cases per region (Jan. 1, 2023 to Aug. 10, 2024)

REGIONS	CUMULATIVE CASES	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
<b>AFRICA</b>	3,153	0	20	0.63%
<b>AMERICAS</b>	6,071	0	89	1.47%
<b>ASEAN</b>	1,151	0	18	1.56%
<b>ASIA &amp; OCEANIA</b>	4,286	0	20	0.47%
<b>EUROPE</b>	1,772	0	5	0.28%
<b>TOTAL</b>	<b>16,433</b>	<b>0</b>	<b>152</b>	<b>0.92%</b>

Source: Our World in Data, accessed on August 13, 2024 (<https://ourworldindata.org/monkeypox>)





## Media Monitoring for Emerging Diseases

Epidemiological Week 32 | August 04 – 10, 2024

### Global Situation for Emerging Diseases

#### COVID-19

- **France:** The World Health Organization (WHO) has reported a global rise in COVID-19 cases, with over 40 athletes at the 2024 Paris Olympics testing positive (Agence France-Presse, 2024). The virus, responsible for the pandemic, is still circulating, and countries need to improve their response systems. The WHO's Epidemic and Pandemic Preparedness and Prevention Director, stated the virus's circulation is two to 20 times higher than currently reported, putting everyone at risk of a potentially more severe virus. [[Full article](#)]
- The **United States (US):** Los Angeles County health officials are urging the public to take common-sense precautions to avoid COVID-19 infection, as reported cases have risen since mid-May (Macpherson, 2024). The department reported 452 average daily COVID-19 cases this week, an increase from 229 the previous week. Wastewater concentrations of SARS CoV-2 were at 44% of the 2023-2024 winter peak, indicating increasing transmission in LA County. The health department reported 81.6 new COVID-19 hospital admissions per day, a doubling from 41.4 the previous week. Deaths from COVID-19 remain relatively stable, with 1.9 daily average deaths this week compared to 0.9 in early July. Free or low-cost COVID-19 prevention therapies remain available in the county. [[Full article](#)]

Ohio has reported a 10th consecutive week of increased COVID-19 cases, rising from 5,962 to 6,660 (Staff, 2024). The increase is more than double last year's number. Over 1.38 million Ohioans (11.8% of the population) have received the updated one-dose COVID-19 vaccine. The total COVID-19 case count since early 2020 in Ohio has reached 3,781,375. The state health department reported 11 deaths from COVID-19, raising the total to 44,073. The total reported cases, individuals with updated vaccines, deaths, hospitalizations, and ICU admissions have also increased. [[Full article](#)]

#### Mpox

- **South Africa** has confirmed two active cases of mpox, bringing the total number to 24 (Chirwa, 2024). The new cases were detected in Gauteng and KwaZulu-Natal, 26 days after the last reported cases. The department has confirmed that 19 people have recovered, and the number of deaths remains at three. [[Full article](#)]
- **Spain** has had the highest number of mpox cases in Europe since April 2022, with 8,101 cases reported (Wilson, 2024). In 2024, there are 260 confirmed cases, almost half of which are in Madrid, with 90% are unvaccinated. The virus can cause painful lesions on the skin, exhaustion, and fever-like symptoms. Three out of four cases presented general symptoms, with 76.1% of rash cases located in the anogenital area. The most likely form of transmission was sexual intercourse in 80% of mpox infections, with the majority involving gay or bisexual men. The World Health Organization (WHO) is considering declaring the outbreak a public health emergency of international concern. [[Full article](#)]



## ***Regional Situation for Emerging Diseases***

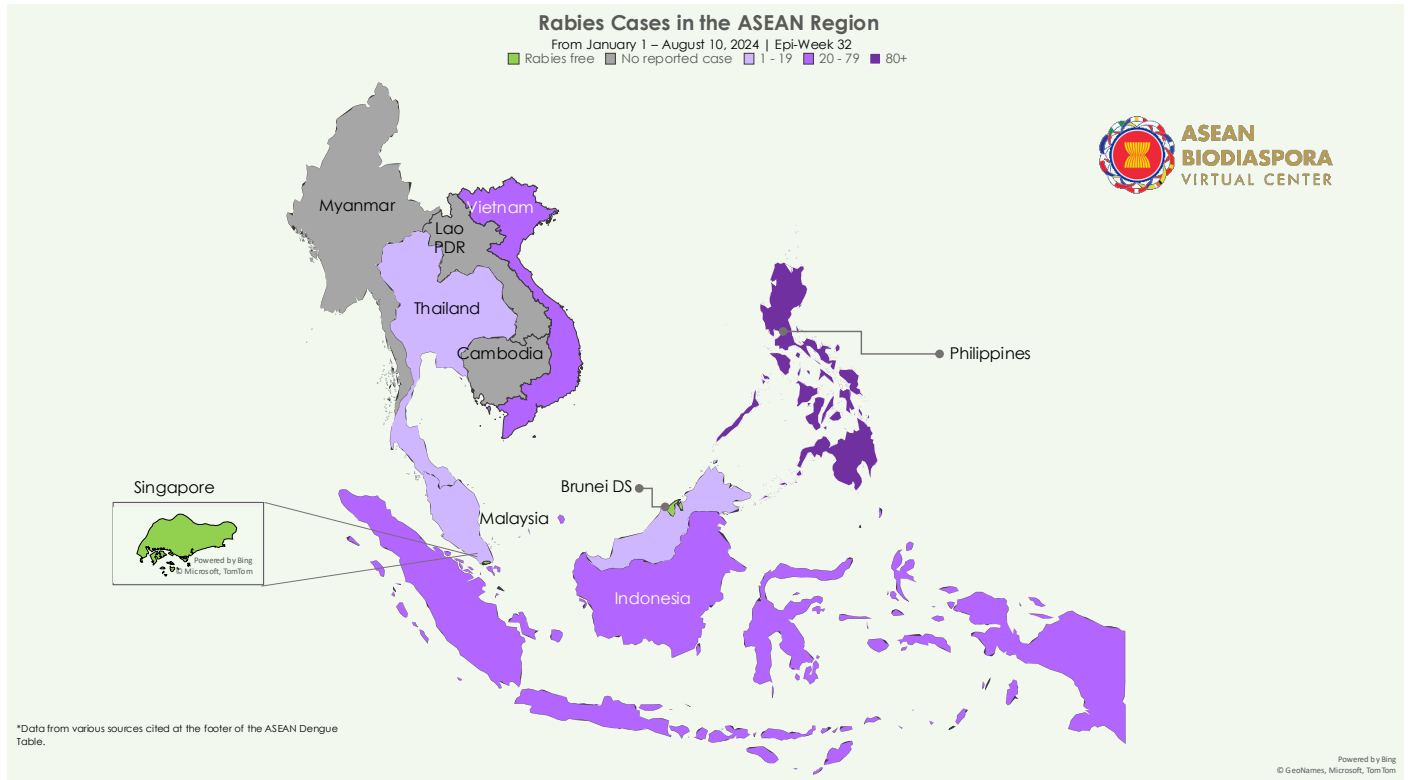
### **COVID-19**

- The **Philippines**: COVID-19 cases in Capiz have increased by 63 cases, with four deaths reported (Daily Guardian, 2024). The province has seen a 78.79% decrease in cases from January to July 2024, with new variants believed to be the cause. [[Full article](#)]

# ZOONOSIS

## Rabies Cases in the ASEAN Region

From January 1 to August 10, 2024 (Epi-Week 32)



## Rabies cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Rabies Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
<b>Brunei Darussalam</b>			Rabies-free country		
<b>Cambodia</b>	-	-	-	-	-
<b>Indonesia<sup>1</sup></b>	Week 26	68	0	68	100%
<b>Lao PDR</b>	-	-	-	-	-
<b>Malaysia<sup>2</sup></b>	Week 24	79	-	79	100%
<b>Myanmar</b>	-	-	-	-	-
<b>Philippines<sup>2</sup></b>	Week 22	169	-	169	100%
<b>Singapore</b>			Rabies-free country		
<b>Thailand<sup>3</sup></b>	Week 28	1	0	1	100%
<b>Viet Nam<sup>2</sup></b>	Week 31	56	0	56	100%
<b>Total</b>		<b>373</b>	<b>0</b>	<b>373</b>	<b>100%</b>

1. Ministry of Health, Republic of Indonesia  
 2. Bluedot Platform, accessed August 13, 2024 (<https://portal.bluedot.global/>)  
 3. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed August 13, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **NO** new rabies cases since the previous report. The region reported **373** total cases with **100%** CFR.



## Media Monitoring for Zoonosis

*Epidemiological Week 32 | August 04 – 10, 2024*

### **Regional Situation for Zoonosis**

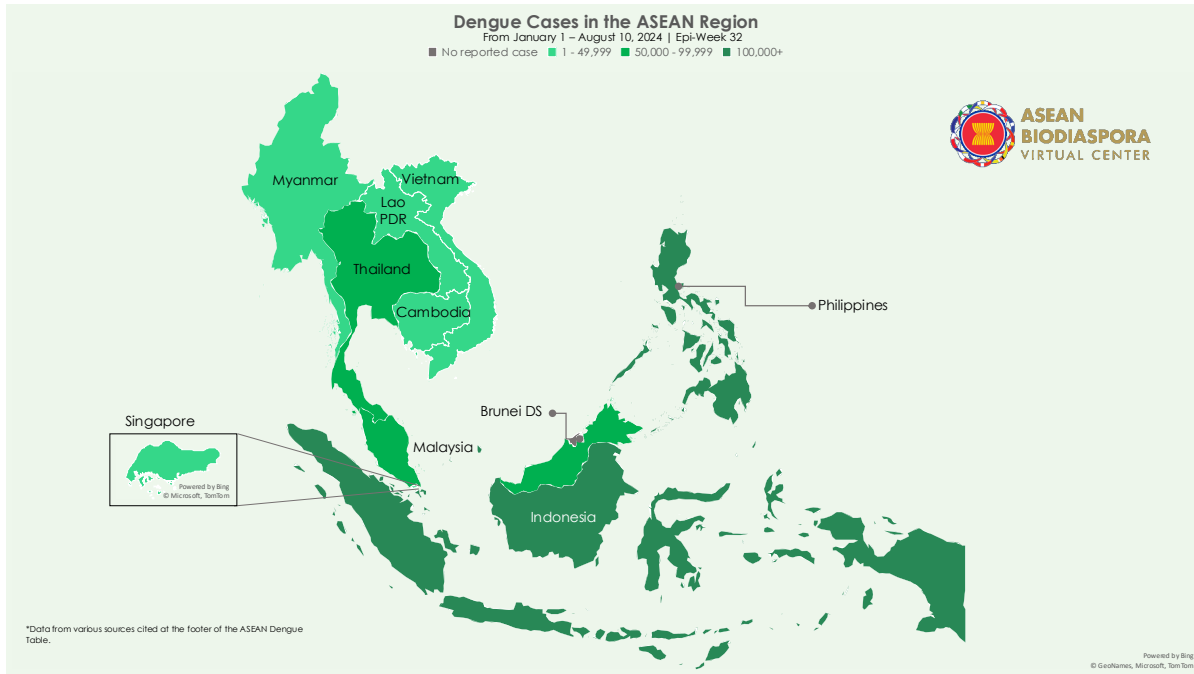
#### **Avian Influenza (H5N1)**

- **Cambodia:** A 16-year-old girl in Svay Rieng province, Cambodia, has been confirmed to have H5N1 bird flu, bringing the total number of cases to nine since the start of 2024 (Xinhua, 2024). The girl is in a serious condition and is receiving intensive care from doctors. The virus is believed to have spread from sick poultry to humans, causing symptoms such as fever, cough, sore throat, and difficulty breathing. Health authorities are investigating the source of the infection and examining suspected cases to prevent an outbreak. Since 2003, there have been 71 human cases of H5N1 influenza in the Southeast Asian country, including 42 deaths. [[Full article](#)]

# VECTOR-BORNE DISEASES

## Dengue Cases in the ASEAN Region

From January 1 to August 10, 2024 (Epi-Week 32)



## Dengue cases in the ASEAN region

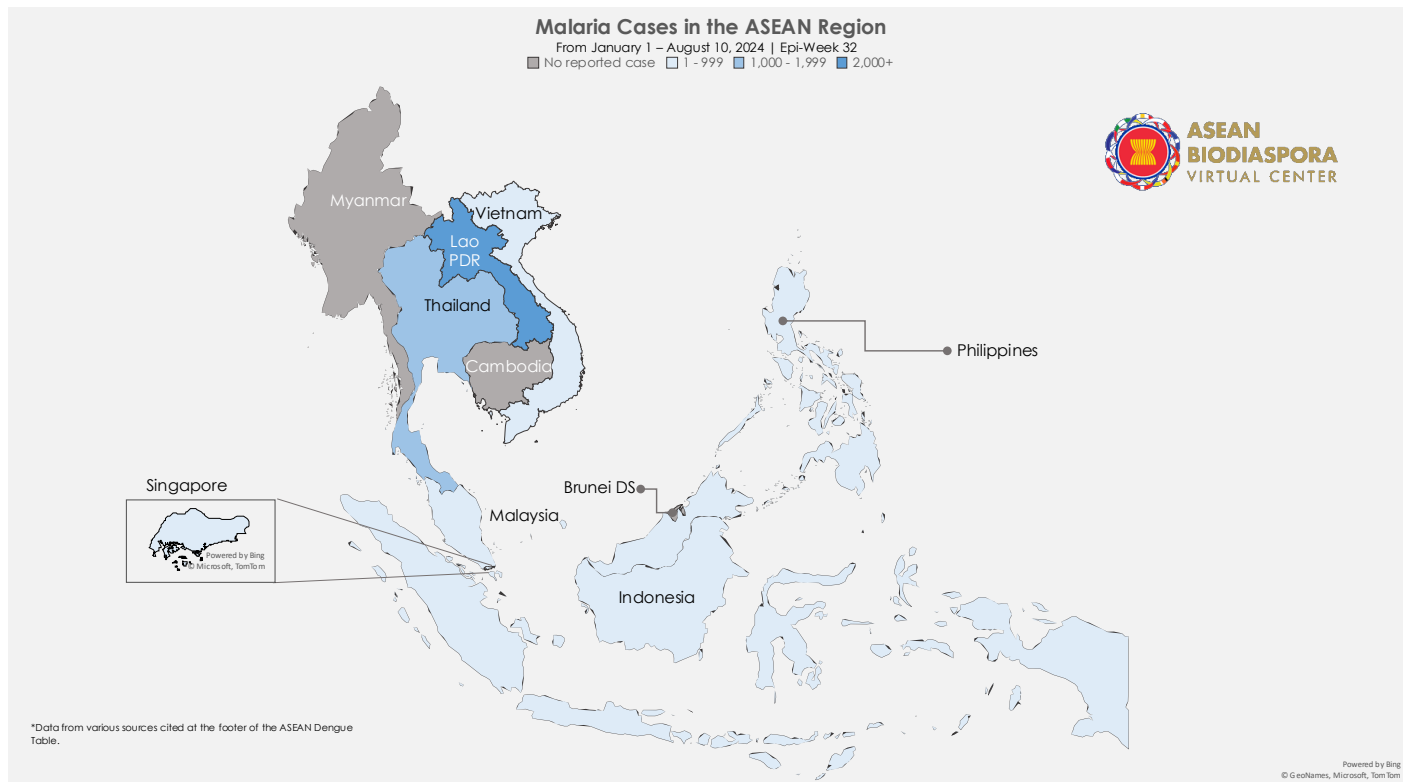
Country	Epi-Week Reported	Cumulative Dengue Cases	New Cases Since the Previous Report	Cumulative Deaths	New Deaths	CFR
<b>Brunei Darussalam</b>	-	-	-	-	-	-
<b>Cambodia<sup>1</sup></b>	Week 30	8,497	1,439	25	1	0.29%
<b>Indonesia<sup>2*</sup></b>	Week 30	166,255	-	1,008	-	0.61%
<b>Lao PDR<sup>1</sup></b>	Week 30	8,557	990	2	2	0.02%
<b>Malaysia<sup>1</sup></b>	Week 29	83,131	2,690	69	4	0.08%
<b>Myanmar<sup>3</sup></b>	Week 27	1,309	-	3	-	0.23%
<b>Philippines<sup>3</sup></b>	Week 32	128,834	12,905	233	-	0.18%
<b>Singapore<sup>4**</sup></b>	Week 30	10,421	-	-	-	0.00%
<b>Thailand<sup>5***</sup></b>	Week 30	56,871	3,499	44	5	0.08%
<b>Viet Nam<sup>1</sup></b>	Week 31	49,187	2,147	5	0	0.01%
<b>Total</b>		<b>513,062</b>	<b>23,670</b>	<b>1,389</b>	<b>12</b>	<b>0.27%</b>

1. WHO WPRO, "Dengue," World Health Organization, accessed August 13, 2024 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).  
 2. Ministry of Health, Republic of Indonesia  
 3. Bluedot Developer Portal, accessed August 13, 2024, (<https://developer-portal.bluedot.global/>).  
 4. Ministry of Health. "Weekly Infectious Disease Bulletin", accessed August 13, 2024. (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2024/weekly-infectious-diseases-bulletin>)  
 5. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed August 6, 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 **23,670** new dengue cases since the previous report. The region reported **513,062** total cases with **0.27%** CFR.

## Malaria Cases in the ASEAN Region

From January 1 to August 10, 2024 (Epi-Week 32)



## 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 <sup>1</sup>	Week 14	754	-	7	0.93%
Lao PDR <sup>2</sup>	Week 32	10,617	923	8	0.08%
Malaysia <sup>1</sup>	Week 10	24	-	0	0.00%
Myanmar <sup>1</sup>	-	-	-	-	-
Philippines <sup>1</sup>	Week 6	2	-	0	0.00%
Singapore <sup>3</sup>	Week 30	14	-	0	0.00%
Thailand <sup>4</sup>	Week 30	2,983	137	1	0.03%
Viet Nam <sup>1</sup>	Week 11	141	-	0	0.00%
<b>Total</b>		<b>14,535</b>	<b>1,060</b>	<b>16</b>	<b>0.11%</b>

1. Bluedot Platform, accessed August 13, 2024 (<https://portal.bluedot.global/>)
2. Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed August 13, 2024 (<https://www.facebook.com/CCEH.MoH.Lao/>)
3. Ministry of Health Singapore, accessed August 13, 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 August 13, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **1,060** new malaria cases since the previous report. The region reported **14,535** total cases with **0.11%** CFR.



## Media Monitoring for Vector-borne Diseases

Epidemiological Week 32 | August 04 – 10, 2024

### Global Situation for Vector-borne Diseases

#### Chandipura Virus

- **India:** The state of Gujarat reported that the number of acute encephalitis syndrome (AES) cases had risen to 153 and the death toll to 66 by August 4 (TNN, 2024). A total of 69 patients have been discharged after recovery and 19 patients remain under treatment. The state has confirmed 57 cases of Chandipura Vesiculorvirus (CHPV). [\[Full article\]](#)

#### Dengue

- **Bangladesh** has reported raising the number of deaths to 62 this year (United News of Bangladesh, 2024). During the same period, 181 more patients were hospitalized with viral fever. A total of 642 patients are being treated in different hospitals. Since January 1, 2024, there are 7,529 dengue cases reported. [\[Full article\]](#)
- **France:** An indigenous case of dengue fever has been reported in the Alpes-Maritimes, marking the first known case in the region since the start of the year (Cathy Gerig, 2024). The patient contracted the disease after being bitten by a tiger mosquito in La Colle-sur-Loup. The Regional Health Agency (ARS) has implemented field actions to control mosquitoes and target breeding sites. Private doctors and medical analysis laboratories are also mobilized to treat and screen for dengue fever. In 2023, nine cases of dengue fever were recorded in the Alpes-Maritimes, including some in Nice, bringing the total to around 50. [\[Full article\]](#)
- **India:** The number of dengue cases in West Bengal has increased due to the monsoon, with around 500 people, mostly in rural areas, affected in the last week of July (Desk, 2024). Since January, at least 2,640 people have been diagnosed with the disease in the state, with North 24 Parganas district leading with 363 cases. [\[Full article\]](#)
- **Pakistan:** The Khyber-Pakhtunkhwa (K-P) health department has raised concerns over a possible dengue outbreak in the province following recent monsoon rains (Correspondent, 2024). The department has alerted high-risk districts and instructed them to tighten surveillance. This year, 80 dengue cases have been reported, fewer than last year. Despite this, K-P currently has significantly fewer dengue cases compared to other provinces. Seven districts have been declared high-risk areas, with Peshawar being a hotspot. [\[Full article\]](#)
- The **United States (US):** The global Dengue fever outbreak continues to expand in August 2024, with over 11.1 million cases and 6,135 related deaths reported in 43 countries and territories (News, 2024). The U.S. CDC reported 3,290 cases in 52 jurisdictions, while only 2,343 were reported in 2023. The best way to prevent the disease is to wear protective clothing, as no dengue vaccine is available in the U.S. [\[Full article\]](#)

#### Melioidosis

- **Taiwan:** Eleven domestic melioidosis cases have been reported in southern Taiwan since Typhoon Gaemi hit the country in late July, with three people receiving treatment in the intensive care unit (Ocacnews.Net., 2024). The CDC reported 18 domestic melioidosis cases this year, the highest for the same period since 2019. The peak of cases usually occurs two to four weeks after

a typhoon. The CDC estimates that new cases will begin to be reported next week and will begin to decline significantly by the end of August. [\[Full article\]](#)

## Zika

- **India:** Pune, Maharashtra has reported eight new zika cases, raising the total to 81 (Chief Reporter, 2024). Six of the seven patients are pregnant women, and a 36-year-old man is in critical condition. The number of zika cases in the city has increased to 73. Six cases have been reported in rural Pune and two in Pimpri Chinchwad city. The highest number of zika virus infections have been detected in women, with 32 pregnant women affected. The health department assures that no death has been directly attributed to the virus, but will send the report of four deceased patients to the Maharashtra government for verification. [\[Full article\]](#)

## Regional Situation for Vector-borne Diseases

### Dengue

- **Indonesia:** The Indonesian Ministry of Health is addressing the rising number of Dengue Hemorrhagic Fever (DHF) cases, which have surpassed last year's numbers (Sujatmiko, 2024). In 2023, there were 114,720 cases, but by August 2024, it had reached 164,673 cases. The peak of DHF was from March to April 2024, with a decrease in June due to different rainfall patterns across regions. [\[Full article\]](#)
- **Malaysia:** Dengue fever cases decreased to 2,609 in epidemiological week 30 compared to 2,690 the previous week, with four deaths due to complications (Bernama, 2024). The cumulative number of cases was 85,740, up from 68,651 in the same period last year. [\[Full article\]](#)
- The **Philippines** has recorded 128,834 dengue cases and 337 deaths since January, a 33% increase from the same period last year (IANS, 2024). However, the number of dengue deaths from January to July was lower. The trend suggests that people should seek early consultation and better case management. The Philippine health secretary is urging the public to continue searching for and destroying mosquito breeding containers. [\[Full article\]](#)
- **Viet Nam:** Hà Nội is implementing strict monitoring and early detection of infectious disease cases to understand the epidemic situation and organize timely investigation and management of cases and outbreaks (VNS, 2024). In the past week, the city recorded 171 cases of dengue fever, with no deaths. Since the beginning of 2024, the city has recorded 1,579 cases of dengue fever with no deaths. Health staff in Hà Nội's Quốc Oai District conducted disinfection in flood-affected areas to prevent disease outbreaks. Authorities organized 27 sanitation campaigns, inspected 102,111 households, and addressed 12,190 mosquito larvae containers. [\[Full article\]](#)

### Leptospirosis

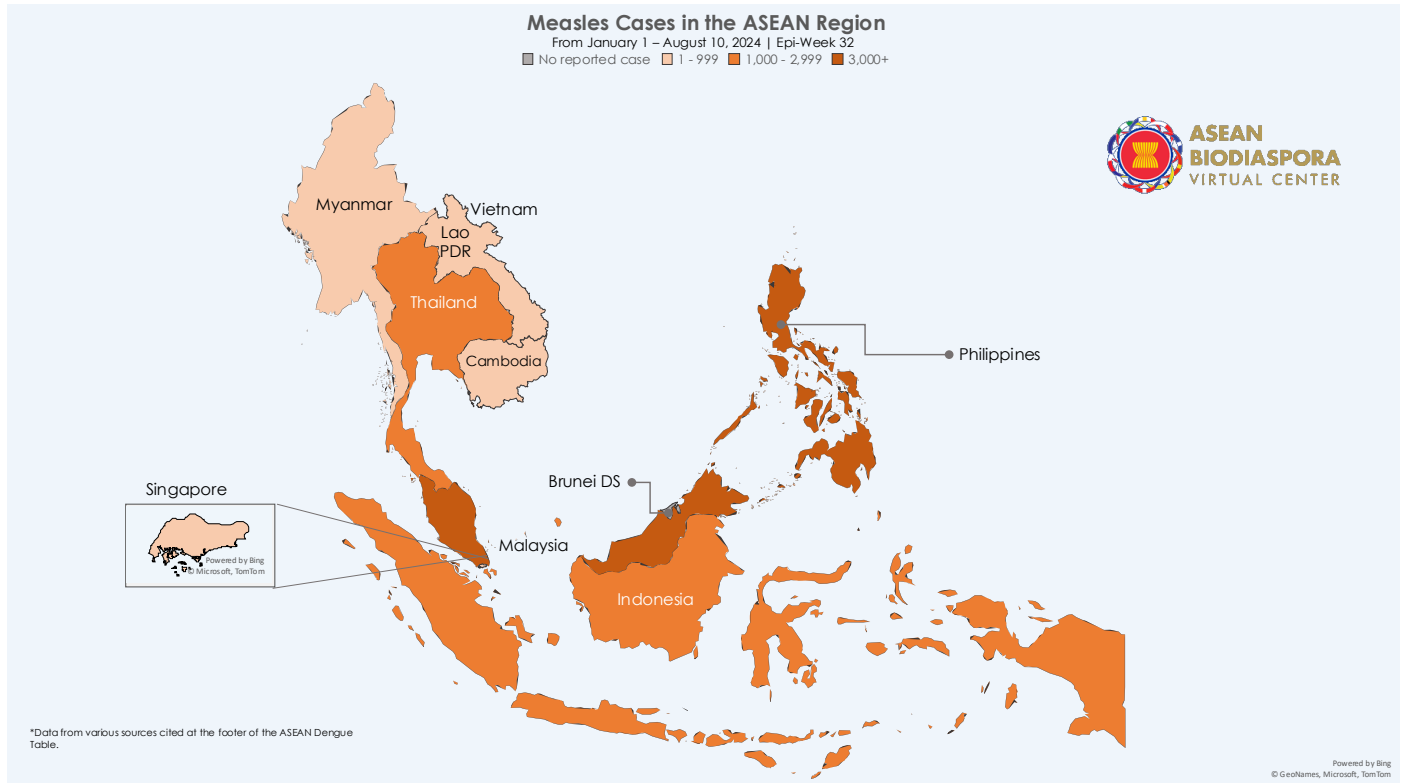
- The **Philippines:** The Department of Health (DOH) reported 67 cases of leptospirosis from 14 to 27 July, including the period when Typhoon Carina and the southwest monsoon caused flooding in Metro Manila (Perez, 2024). The agency is cautious because of the delay in reporting and expects an increase in leptospirosis cases in the coming weeks. As of July 27, the DOH has listed 1,444 leptospirosis cases, a 42% decrease from the 2,505 cases recorded last year. A total of 162 people has died from the disease. [\[Full article\]](#)



# VACCINE-PREVENTABLE DISEASES

## Measles Cases in the ASEAN Region

From January 1 to August 10, 2024 (Epi-Week 32)



## 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 <sup>1</sup>	Week 27	83	-	0	0%
Indonesia <sup>2</sup>	Week 30	1,033	-	0	0%
Lao PDR <sup>1</sup>	Week 27	40	-	0	0%
Malaysia <sup>1</sup>	Week 27	3,364	-	0	0%
Myanmar <sup>1</sup>	Week 27	23	-	0	0%
Philippines <sup>1</sup>	Week 27	3,039	-	3	0.10%
Singapore <sup>4</sup>	Week 30	8	-	0	0%
Thailand <sup>5</sup>	Week 30	1,724	139	1	0.06%
Viet Nam <sup>3</sup>	Week 32	253	15	0	0%
<b>Total</b>		<b>9,567</b>	<b>154</b>	<b>4</b>	<b>0.04%</b>

1. Provisional Measles and Rubella Data, World Health Organization, accessed August 13, 2024 (<https://immunizationdata.who.int/global?topic=Provisional-measles-and-rubella-data&location=>)
2. Ministry of Health, Republic of Indonesia
3. Bluedot Platform, accessed August 13, 2024 (<https://developer-portal.bluedot.global/>)
4. Ministry of Health Singapore, accessed August 13, 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 August 13, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **154** new measles cases since the previous report. The region reported **9,567** total cases with **0.04%** CFR.



## Media Monitoring for Vaccine-Preventable Diseases

Epidemiological Week 32 | August 04 – 10, 2024

### Global Situation for Vaccine-Preventable Diseases

#### Measles

- The **United States (US)**: The Oregon Health Authority reported 14 measles cases since mid-June, with the total number in the state rising to 23 (Funk, 2024). The majority of cases have been in unvaccinated individuals, concentrated in Marion, Clackamas, and Multnomah counties. The measles virus is highly contagious, spreading through the air with unknown connections. Symptoms include fever, cough, runny nose, red eyes, and a rash that spreads throughout the body. [\[Full article\]](#)

#### Pertussis

- **Australia**: In 2024, over 17,000 cases of whooping cough (pertussis) have been reported across Australia, six times more than in 2023 (Williams et al., 2024). Several states have reported outbreaks, with Western Australia experiencing the highest surge in the south-west. Young infants are at the highest risk of severe illness and death due to the increasing number of cases. [\[Full article\]](#)
- **France**: Whooping Cough cases have increased in Savoie and Haute-Savoie since the start of 2024, causing health professionals to raise alarms (Boscher, 2024). The Auvergne-Rhône-Alpes region has seen 411 cases since the start of 2024, compared to 11 in 2023. The disease mainly affects infants and some adults in the regions. [\[Full article\]](#)
- **South Korea** has reported an increase in pertussis cases, with 15,179 reported since January 1, with Gyeonggi being the most affected (Crisis24, 2024). Officials urge vaccination for children and prompt treatment for symptoms such as coughing for over a week or after contact with a confirmed case. [\[Full article\]](#)
- The **United Kingdom (UK)**: The UK Health Security Agency (UKHSA) has urged pregnant women to get vaccinated after cases of whooping cough reached 10,493 in June (Thomas, 2024). Between December and June, 10 babies under three months died after contracting the virus. Since 2013, there have been 30 infant deaths, with 24 of the mothers not having been vaccinated during pregnancy. The latest data shows that whooping cough peaked in May but has remained at a high level with 2,427 cases reported in June. Pregnant women may get vaccinations midway through their pregnancy at 20 weeks, providing 92% protection from infant death. However, vaccine uptake among pregnant women, babies, and young children fell from 74.7% in December 2017 to 50.9% in March 2024. [\[Full article\]](#)
- The **United States (US)**: Alaska has seen a significant increase in pertussis activity this year, mirroring a national trend (Dye, 2024). The majority of reported cases have occurred in the South Central region. Infants are at the highest risk for severe disease, with about one-third requiring hospitalization. In 2024, 131 cases have been reported, surpassing the previous year's total of 23. [\[Full article\]](#)



Penn State University Park has reported five cases of whooping cough since mid-March, a 456% increase from the previous year (Blanarik, 2024). The Centers for Disease Control and Prevention (CDC) reported 601 cases of pertussis with 108 more cases than in all of 2023. Penn State and the Pennsylvania Department of Health urge the University Park community to stay alert for symptoms and stay updated on vaccinations, including a Tetanus-Diphtheria-Pertussis (Tdap) booster every 10 years and a single dose during every pregnancy. [[Full article](#)]

## ***Regional Situation for Vaccine-Preventable Diseases***

### ***Measles***

- **Viet Nam:** Dong Nai Provincial Center for Disease Control reported two new cases of measles in the province from July 26 to August 1, bringing the total to 15 (Dung, 2024). The most recent case is an 8-month-old girl in Bien Hoa city who had no contact with anyone outside her family in the past 14 days. The girl was diagnosed with viral fever, suspected for hand, foot, and mouth disease. She was admitted to the Infectious Diseases Department for treatment. Epidemiological investigations revealed that the patient's mother had exhibited symptoms of cough, fever, and rash and had sought treatment at a local hospital. Medical staff informed the family about measles and advised them to report to the nearest health facility and to wash their hands regularly. [[Full article](#)]



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

Epidemiological Week 31 | From January 1 to August 3, 2024

Infectious Diseases	COVID-19			Mpox			Rabies		
	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	85,995	77	0.10%	-	-	-	Rabies-free Country		
Cambodia	882	0	0%	13	0	0%	-	-	-
Indonesia	118,013	1,453	1.26%	88	0	0%	68	68	100%
Lao PDR	1,474	87	6.55%	1	0	0%	-	-	-
Malaysia	290,940	494	0.20%	9	0	0%	79	79	100%
Myanmar	9,302	5	0.06%	-	-	-	-	-	-
Philippines	141,371	1,467	1.04%	5	0	0%	169	169	100%
Singapore	819,481	313	0.04%	42	0	0%	Rabies-free Country		
Thailand	80,215	1,053	2.28%	793	10	0.13%	1	1	100%
Viet Nam	101,828	20	0.02%	200	8	4.19%	56	56	100%
<b>ASEAN Region</b>	<b>1,649,501</b>	<b>4,969</b>	<b>0.32%</b>	<b>1,151</b>	<b>18</b>	<b>0.81%</b>	<b>373</b>	<b>373</b>	<b>100%</b>

Infectious Diseases	Dengue			Malaria			Measles		
	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	-	-	-	-	-	-	-	-	-
Cambodia	8,497	25	0.29%	-	-	-	83	0	0%
Indonesia	166,255	1,008	0.61%	754	7	0.93%	1,033	0	0%
Lao PDR	8,557	2	0.02%	10,617	8	0.08%	40	0	0%
Malaysia	83,131	69	0.08%	24	0	0%	3,364	0	0%
Myanmar	1,309	3	0.23%	-	-	-	23	0	0%
Philippines	128,834	233	0.18%	2	0	0%	3,039	3	0.10%
Singapore	10,421	-	0.00%	14	0	0%	8	0	0%
Thailand	56,871	44	0.08%	2,983	1	0.03%	1,724	1	0.06%
Viet Nam	49,187	5	0.01%	141	0	0%	253	0	0%
<b>ASEAN Region</b>	<b>513,062</b>	<b>1,389</b>	<b>0.27%</b>	<b>14,535</b>	<b>16</b>	<b>0.11%</b>	<b>9,567</b>	<b>4</b>	<b>0.04%</b>



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