

ASEAN Biodiaspora Virtual Center

Morbidity and Mortality Weekly Report Infectious and Emerging Diseases

GLOBAL & ASEAN REGION

September 11, 2024 | MMWR 2024-36
Epidemiological Week 36



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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

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Key Findings

Global

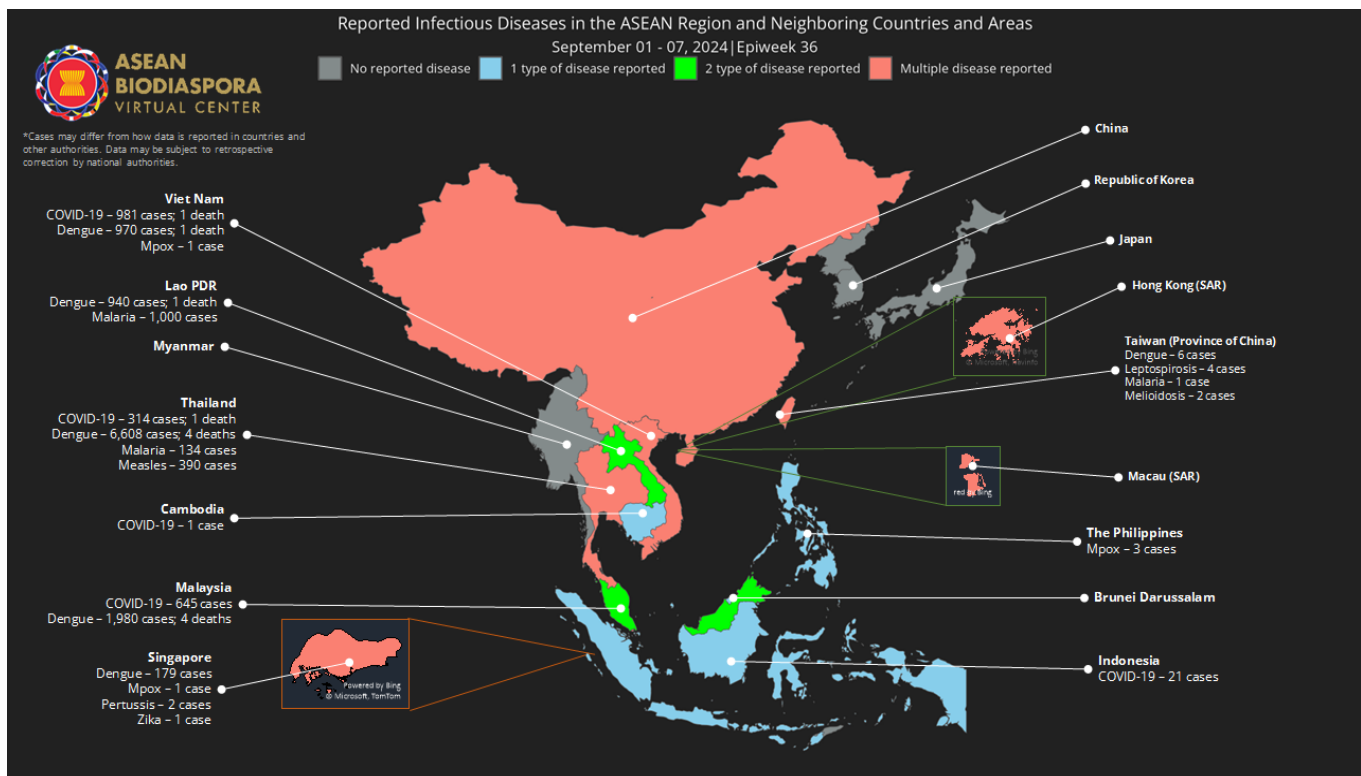
- Mpox cases are rising globally, particularly in Africa (Democratic Republic of Congo, Kenya, Liberia, Nigeria, Uganda), the Americas (Mexico and Malta), and Asia (Jordan and Pakistan).
- Four suspected cases of anthrax have been identified in Ulken Aksu, Kazakhstan, with previous exposure to an infected animal during unsupervised slaughter.
- Canada and Ukraine reported an increase in new cases of COVID-19, while the United States reported decreases.
- India and Bangladesh continue to report surge in dengue cases.
- Tamil Nadu, India, has reported 144 cases of leptospirosis in 2024, marking the highest number in nine years.
- Mongolia, the Black Earth region of Russia, and Minnesota, the US, reported an increase in measles cases, primarily in unvaccinated individuals.
- Quebec, Canada, is experiencing a surge of whooping cough, with over 13,000 cases and 90 hospitalizations reported this year. In Alaska, The US, a middle school student tested positive for the disease.

ASEAN Region

- The Philippines has detected three new mpox cases, increasing its active cases to eight.
- Indonesia, Lao PDR, the Philippines, and Vietnam are experiencing a surge in dengue cases.
- Leptospirosis cases have been confirmed in 39 out of 42 towns in Iloilo Province, Philippines, with a total of 93 cases, a 47% decrease compared to the same period in 2023.
- Ho Chi Minh City, Vietnam, reported 644 cases of measles from January to September 1, 2024.
- Two critical patients diagnosed with melioidosis at the Hoà Bình Provincial General Hospital, Viet Nam, recovered after more than a week of treatment.
- Vietnam has reported its first H1N1 swine flu case: a 70-year-old woman from Son La province who died after showing symptoms.

Reported Infectious Diseases in the ASEAN Region and Neighboring Countries

Epidemiological Week 36 | September 1 - 7, 2024



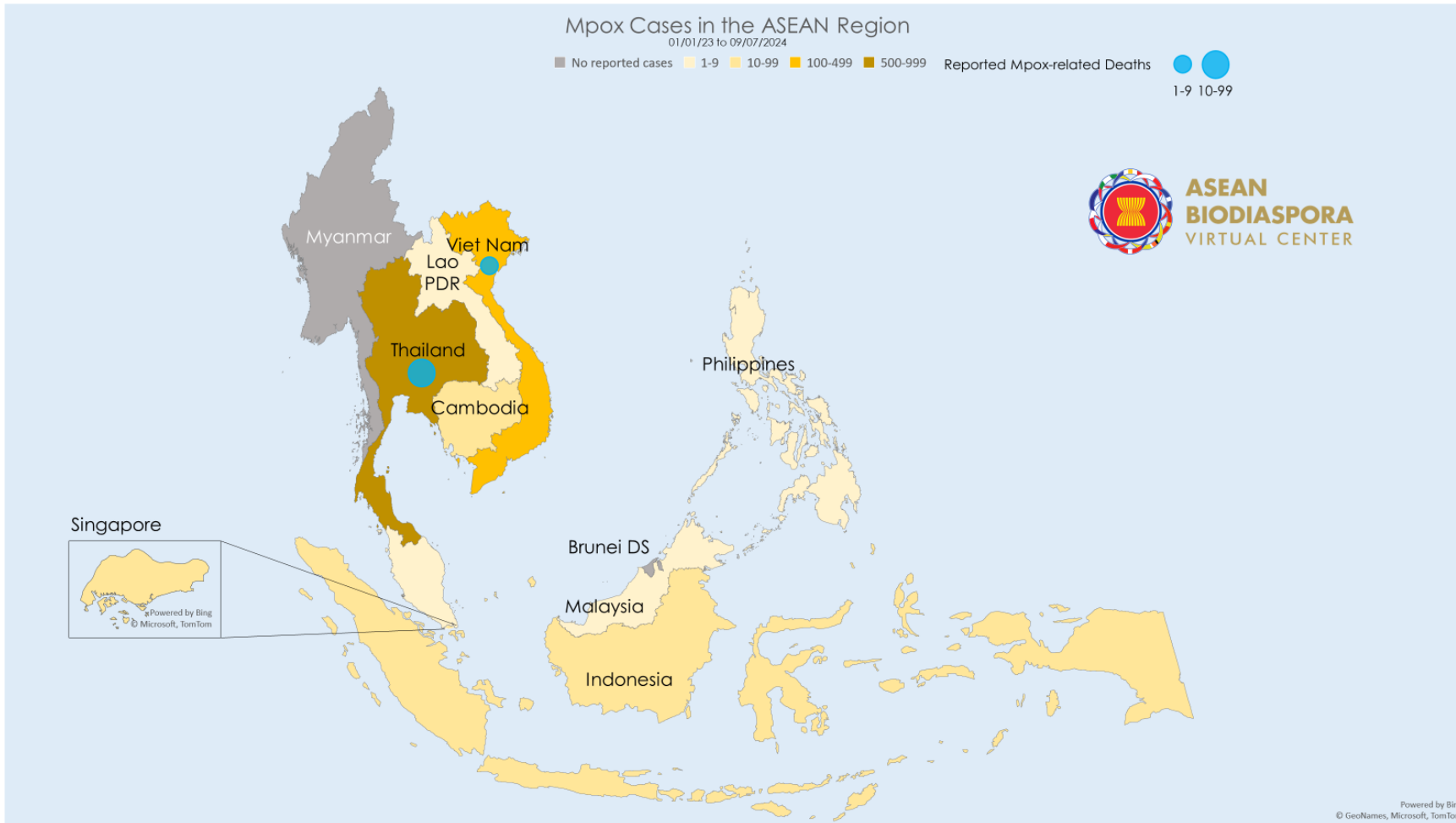
Source: AMS Official Sources, [WHO](#), [Our World in Data](#), and [Bluedot Platform](#), accessed on September 10, 2024



EMERGING DISEASES

Mpox Cases Reported in the ASEAN Region

January 1, 2023 – September 7, 2024





Mpox: Highlights and Situation Overview

- From 1 January 2023 to 7 September 2024, **21,010** confirmed cases worldwide since 2023, including **175** deaths. Globally, the CFR was **0.83 %**.
- **1,182 confirmed cases** including **18 deaths** in the **ASEAN** region, with a CFR of **1.52%**.
- **19,828 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 Sep. 7, 2024)

ASEAN Member States	Cumulative Cases 2023-2024	New Cases Since Previous Report	Cumulative Deaths 2023-2024	CFR
Cambodia¹	20	0	0	0.00%
Indonesia²	87	0	0	0.00%
Lao PDR³	1	0	0	0.00%
Malaysia³	9	0	0	0.00%
Philippines⁴	10	3	0	0.00%
Singapore⁵	46	1	0	0.00%
Thailand³	808	0	10	1.24%
Vietnam³	201	1	8	3.98%
ASEAN Total	1,182	5	18	1.52%

Source:

1. Ministry of Health Cambodia
2. Ministry of Health Republic of Indonesia
3. IBS Bluedot (Accessed on September 10, 2024), (<https://portal.bluedot.org>)
4. Department of Health Philippines
5. Ministry of Health Singapore, accessed September 10, 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 Sep. 7, 2024)

Country	Cumulative Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Democratic Republic of Congo	4,327	126	27	0.62%
United States of America	3,505	0	8	0.23%
People's Republic of China	2,565	30	1	0.04%
Brazil	1,541	0	0	0.00%
Thailand	808	0	10	1.24%

Source: Our World in Data, accessed on September 10, 2024 (<https://ourworldindata.org/monkeypox>)

Mpox cases per region (Jan. 1, 2023 to Sep. 7, 2024)

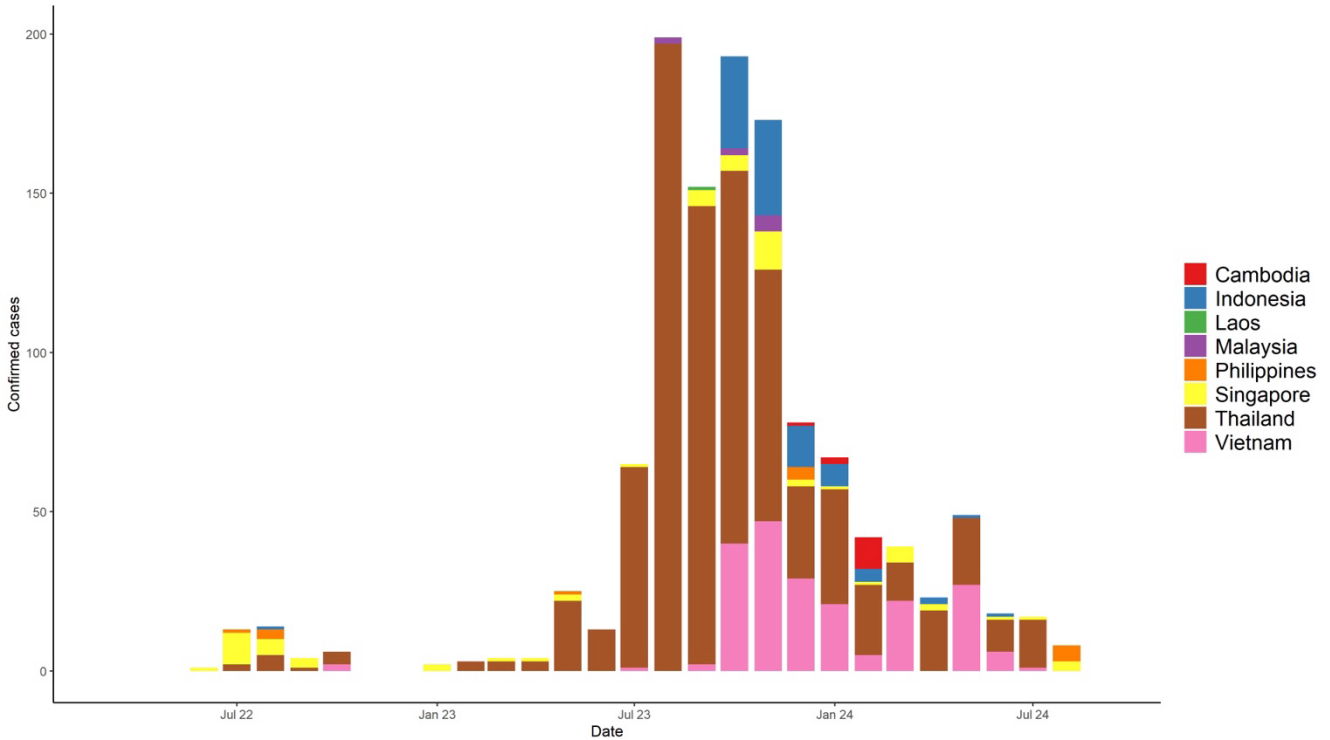
REGIONS	CUMULATIVE CASES 2023-2024	NEW CASES SINCE THE PREVIOUS REPORT	CUMULATIVE DEATHS	CFR
AFRICA	5,121	389	39	0.76%
AMERICAS	7,402	0	92	1.24%
ASEAN	1,182	5	18	1.52%
ASIA & OCEANIA	5,385	108	21	0.39%
EUROPE	1,920	0	5	0.26%
TOTAL	21,010	502	175	0.83%

Source: Our World in Data, accessed on September 10, 2024 (<https://ourworldindata.org/monkeypox>)



Trend of Mpox Confirmed Cases in the ASEAN Region

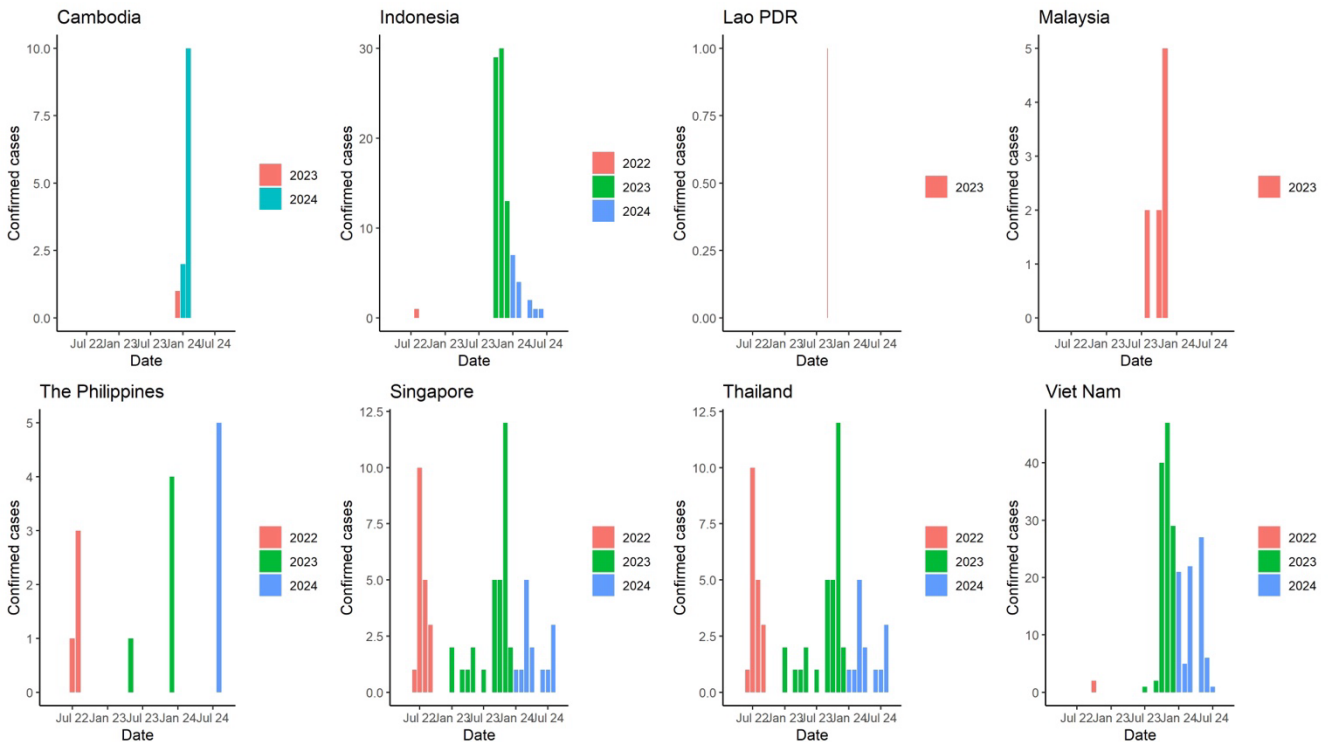
January 1, 2022 to September 7, 2024



Source: Our World in Data, accessed on September 10, 2024 (<https://ourworldindata.org/monkeypox>)

Trend of Mpox Confirmed Cases among ASEAN Member States

January 1, 2022 to September 7, 2024



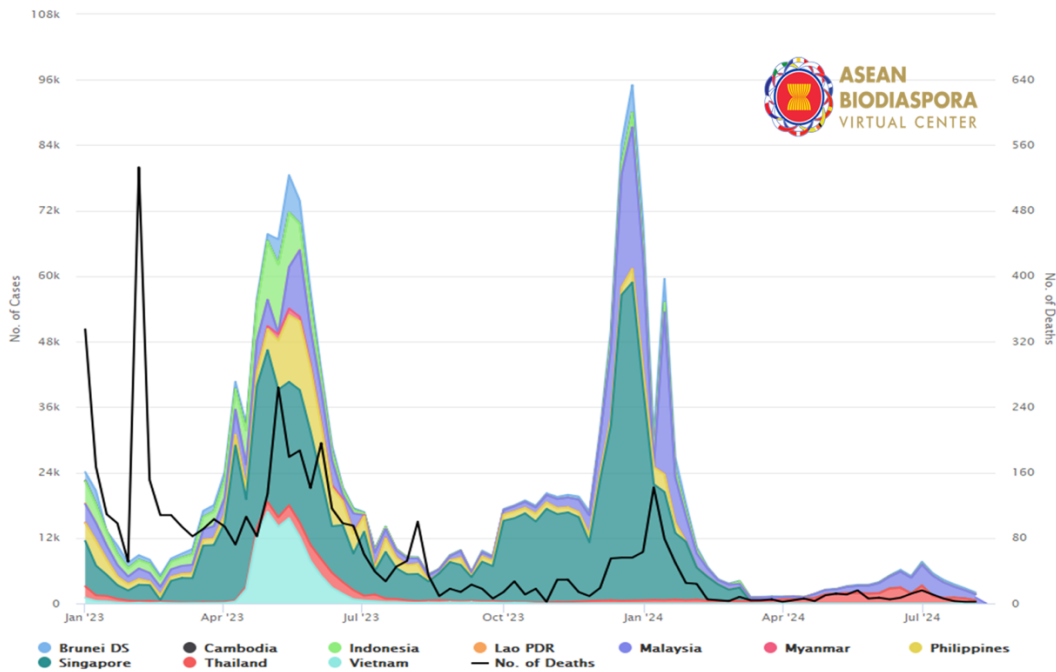
Source: Our World in Data, accessed on September 10, 2024 (<https://ourworldindata.org/monkeypox>)

COVID-19: Highlights and Situation Overview

- As of 7 September 2024 (5PM, GMT+7), there were **704,820,573** confirmed cases **worldwide**, including **7,010,807 deaths**. Globally, Case Fatality Rate (CFR) was **1.00%**.
- **37,064,985 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

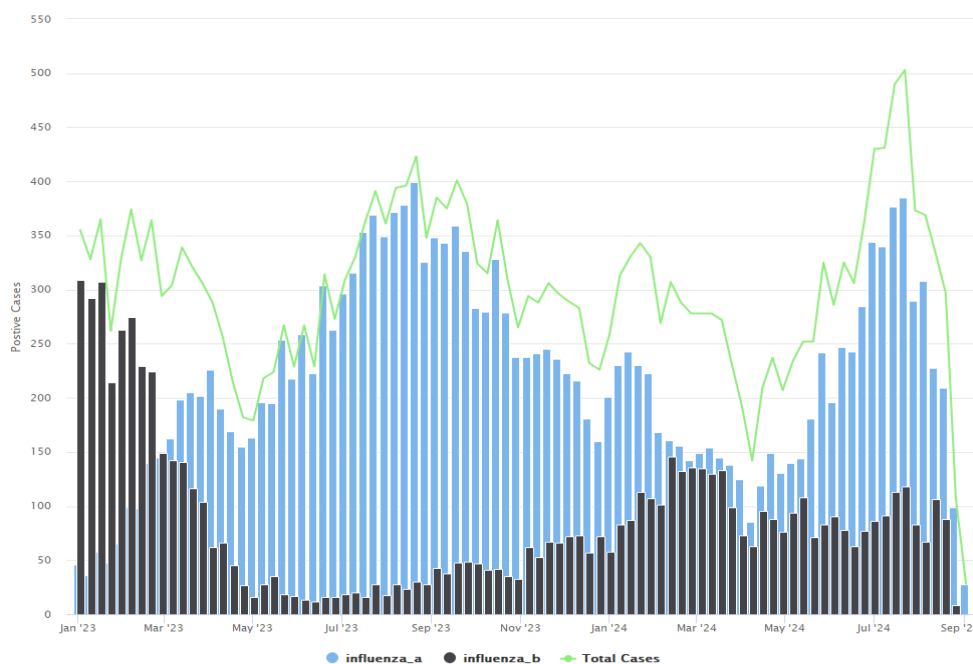
From January 1, 2023 to September 7, 2024



Source: [Singapore Government](#), [Worldometer](#), and the [WHO](#), accessed on September 10, 2024

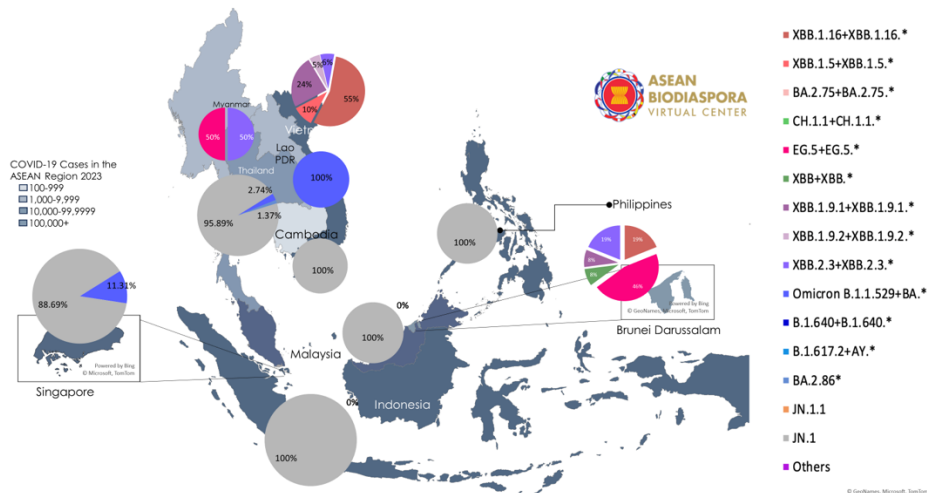
Trends of Influenza Confirmed Cases in the ASEAN region

From January 1, 2023 to September 7, 2024



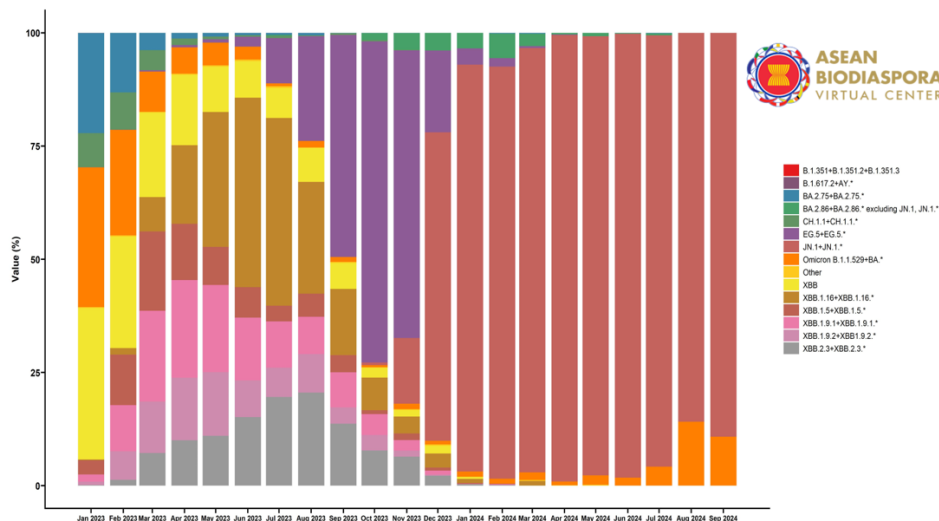
Source: FluNet, accessed on September 10, 2024 (<https://www.who.int/tools/fluNet>)

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



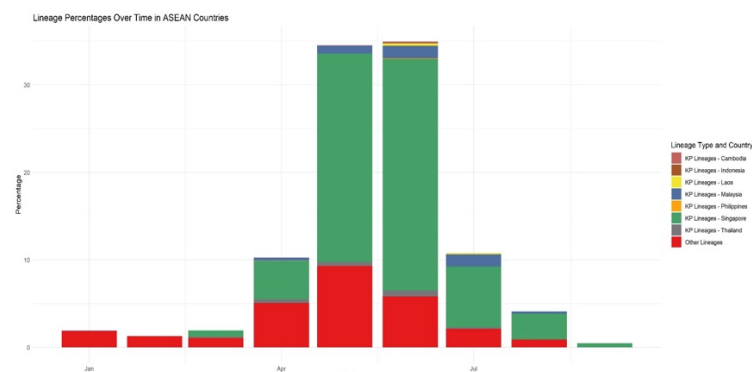
Source: GISAID. "hCoV-19 Variants Dashboard," accessed September 10, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

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



Source: GISAID. "hCoV-19 Variants Dashboard," accessed September 10, 2024, <https://gisaid.org/hcov-19-variants-dashboard/>.

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

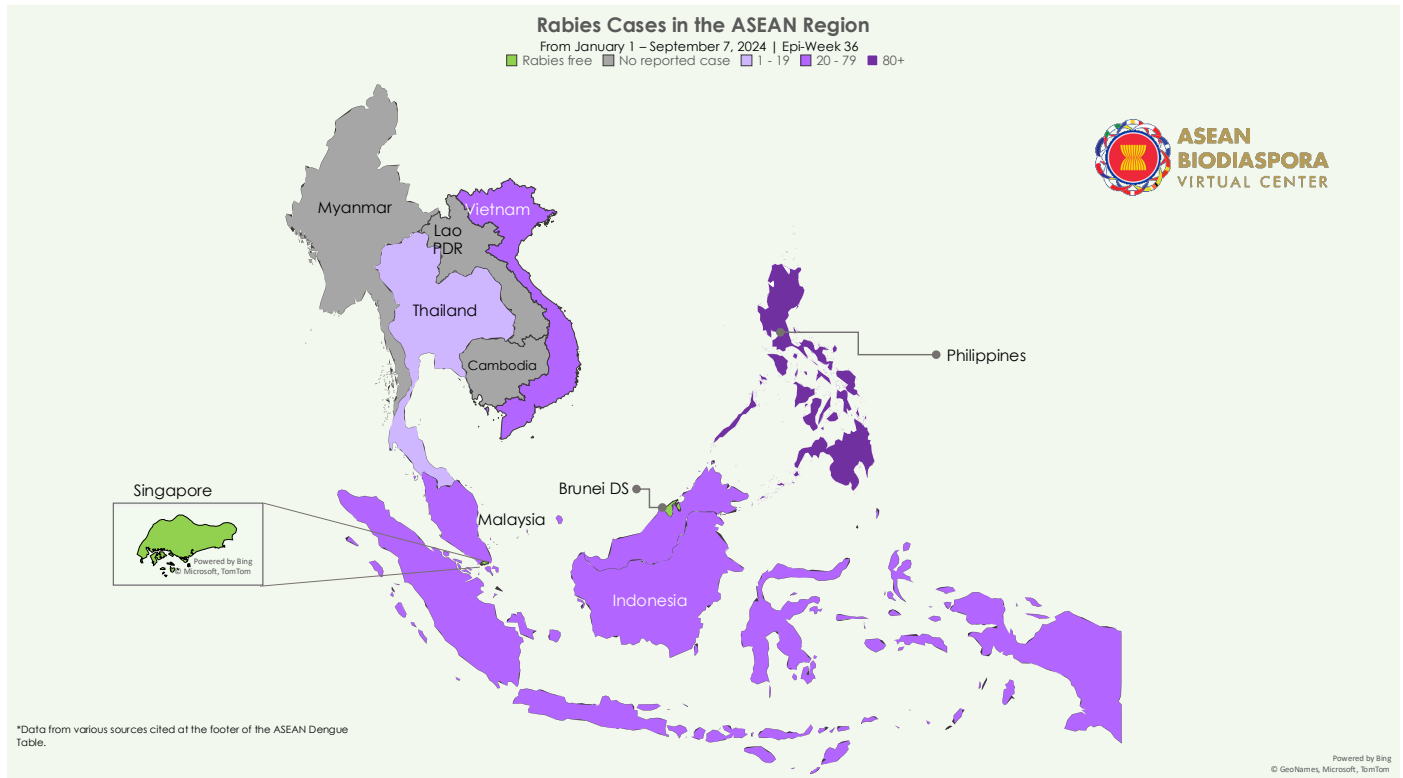


Source: GISAID. "hCoV-19 Variants Dashboard," accessed on September 10, 2024 (<https://gisaid.org/hcov-19-variants-dashboard/>)

ZOONOSIS

Rabies Cases in the ASEAN Region

From January 1 to September 7, 2024 (Epi-Week 36)



Rabies cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Rabies Cases	New Cases Since Previous Report	Cumulative Deaths	CFR
Brunei Darussalam			<i>Rabies-free country</i>		
Cambodia	-	-	-	-	-
Indonesia¹	Week 26	68	0	68	100%
Lao PDR	-	-	-	-	-
Malaysia²	Week 24	79	-	79	100%
Myanmar	-	-	-	-	-
Philippines²	Week 22	169	-	169	100%
Singapore			<i>Rabies-free country</i>		
Thailand³	Week 32	4	0	4	100%
Viet Nam²	Week 31	56	0	56	100%
Total		376	0	376	100%

Source:

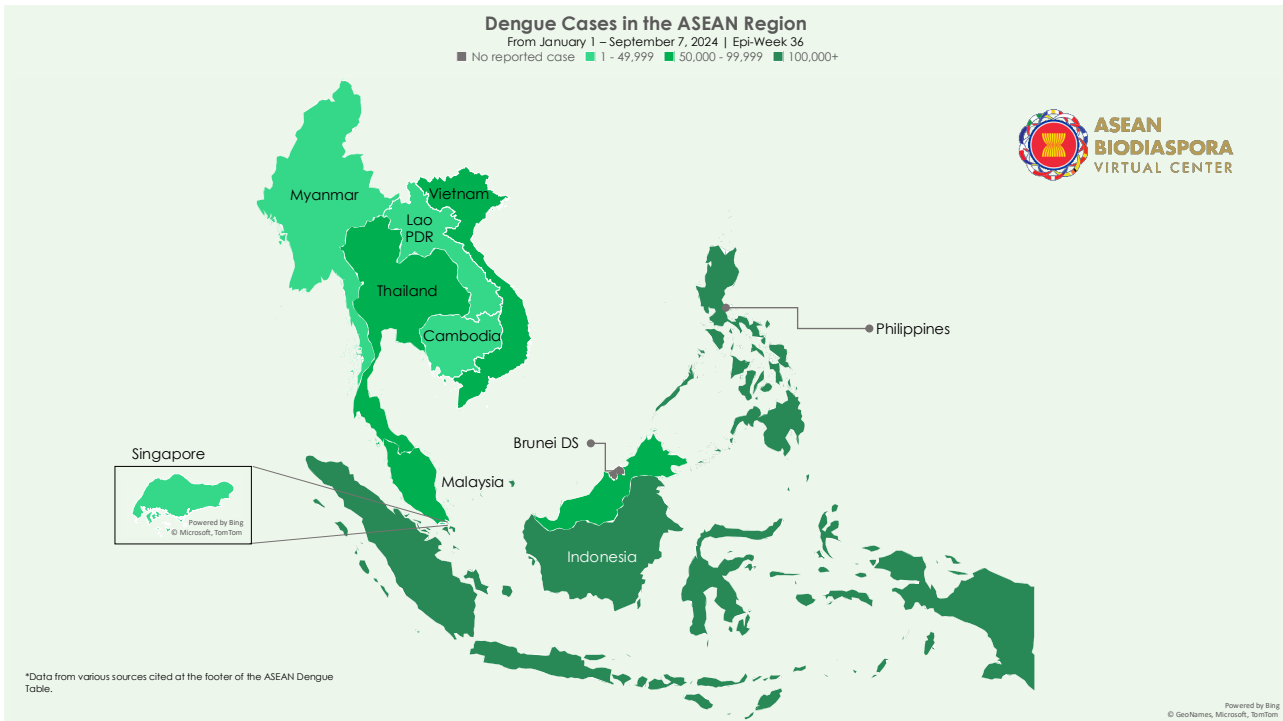
1. Ministry of Health, Republic of Indonesia
2. Bluedot Platform, accessed September 10, 2024 (<https://portal.bluedot.global/>)
3. Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed September 3, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **NO** new rabies cases since the previous report. The region reported **376** total cases with **100%** CFR.

VECTOR-BORNE DISEASES

Dengue Cases in the ASEAN Region

From January 1 to September 7, 2024 (Epi-Week 36)



Dengue cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Dengue Cases	New Cases Since the Previous Report	Cumulative Deaths	New Deaths	CFR
Brunei Darussalam	-	-	-	-	-	-
Cambodia¹	Week 32	9,755	-	30	-	0.31%
Indonesia^{2*}	Week 35	186,324	4,013	1,120	22	0.60%
Lao PDR¹	Week 34	12,316	940	1	1	0.01%
Malaysia¹	Week 34	94,807	1,980	84	4	0.09%
Myanmar³	Week 27	1,309	-	3	-	0.23%
Philippines³	Week 34	150,354	-	396	-	0.26%
Singapore^{4**}	Week 35	11,493	179	-	-	0.00%
Thailand^{5***}	Week 34	71,990	6,608	51	4	0.07%
Viet Nam¹	Week 35	67,748	3,700	10	1	0.01%
Total		606,096	17,420	1,695	32	0.28%

Source:

1. WHO WPRO, "Dengue," World Health Organization, accessed September 10, 2024 (<https://www.who.int/westernpacific/emergencies/surveillance/dengue>).
2. Ministry of Health, Republic of Indonesia
3. Bluedot Developer Portal, accessed September 10, 2024, (<https://developer-portal.bluedot.global/>).
4. Ministry of Health. "Weekly Infectious Disease Bulletin", accessed September 10, 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 September 10, 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

- The **ASEAN** region reported **17,420** new dengue cases since the previous report. The region reported **606,096** total cases with **0.28%** CFR.

Malaria Cases in the ASEAN Region

From January 1 to September 7, 2024 (Epi-Week 36)



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	-	-	-	-	-
Indonesia¹	Week 36	295,659	0	130	0.04%
Lao PDR²	Week 36	14,139	1,000	9	0.06%
Malaysia³	Week 30	24	-	-	0.00%
Myanmar	-	-	-	-	-
Philippines³	Week 6	2	-	-	0.00%
Singapore⁴	Week 34	17	0	-	0.00%
Thailand⁵	Week 34	3,321	134	1	0.03%
Viet Nam³	Week 34	160	-	-	0.00%
Total		313,322	1,134	140	0.04%

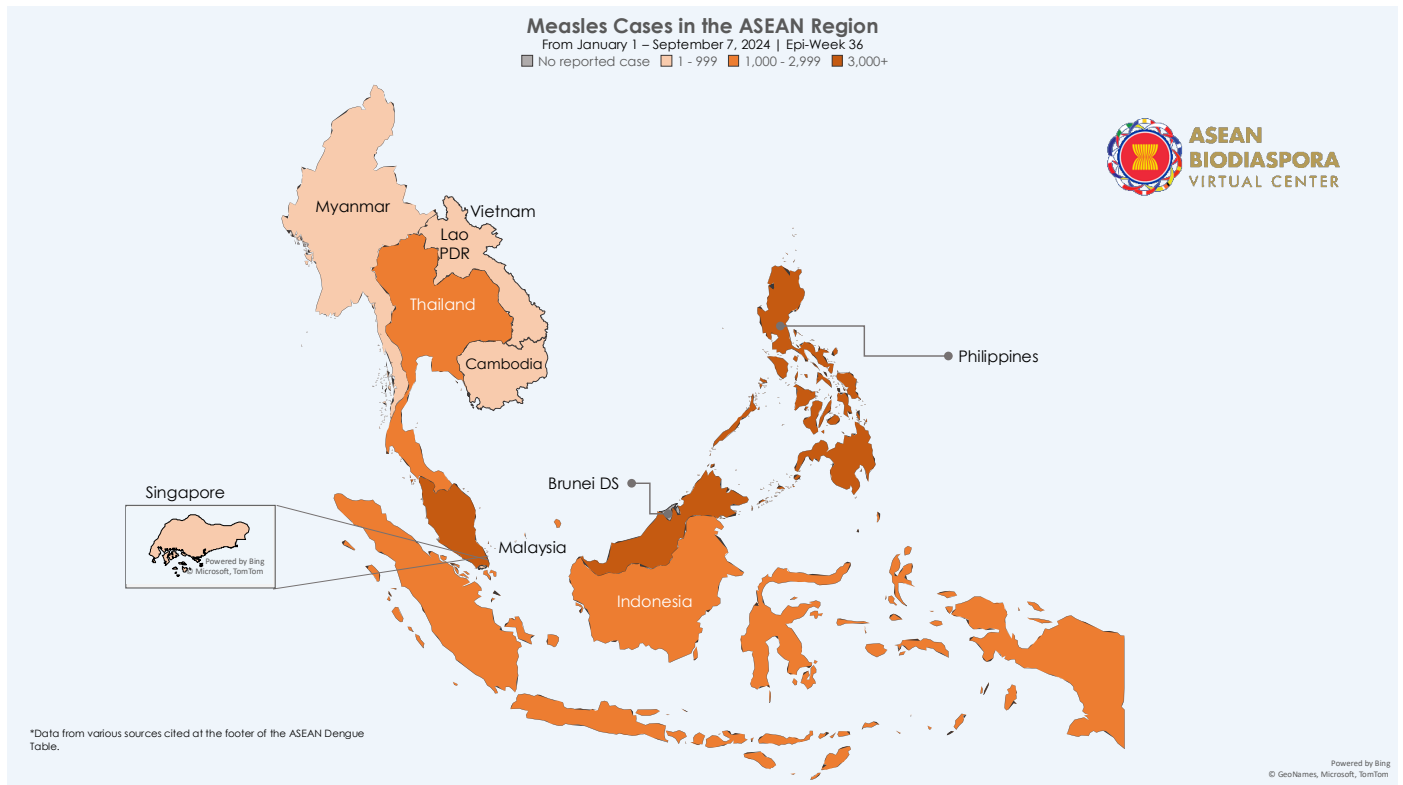
Source:

- Malaria Cases in Indonesia, accessed September 10, 2024 (<https://malaria.kemkes.go.id/case>)
- Centre of Information and Education for Health, Ministry of Health Lao PDR, accessed September 10, 2024 (<https://www.facebook.com/CCEH.MoH.Lao/>)
- Bluedot Platform, accessed September 10, 2024 (<https://portal.bluedot.global/>)
- Ministry of Health Singapore, accessed September 10, 2024 (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)
- Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed September 10, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **1,134** new malaria cases since the previous report. The region reported **313,322** total cases with **0.03%** CFR.

VACCINE-PREVENTABLE DISEASES

Measles Cases in the ASEAN Region From January 1 to September 7, 2024 (Epi-Week 36)



Measles cases in the ASEAN region

Country	Epi-Week Reported	Cumulative Measles Cases	New Cases Since the Previous Report	Cumulative Deaths	CFR
Brunei Darussalam	-	-	-	-	-
Cambodia¹	Week 27	83	-	0	0%
Indonesia²	Week 30	1,033	-	0	0%
Lao PDR¹	Week 27	40	-	0	0%
Malaysia¹	Week 27	3,364	-	0	0%
Myanmar¹	Week 27	23	-	0	0%
Philippines¹	Week 27	3,039	-	3	0.10%
Singapore³	Week 35	8	0	0	0%
Thailand⁴	Week 34	2,527	390	1	0.05%
Viet Nam⁵	Week 35	919	-	3	0.33%
Total		11,006	390	7	0.07%

Source:

- Provisional Measles and Rubella Data, World Health Organization, accessed September 10, 2024 (<https://immunizationdata.who.int/global?topic=Provisional-measles-and-rubella-data&location=>)
- Ministry of Health, Republic of Indonesia
- Ministry of Health Singapore, accessed September 10, 2024, (<https://www.moh.gov.sg/resources-statistics/infectious-disease-statistics/2023/weekly-infectious-diseases-bulletin>)
- Bureau of Epidemiology, Department of Disease Control, Ministry of Public Health Thailand, accessed September 10, 2024 (<http://doe.moph.go.th/surdata/index.php>)

- The **ASEAN** region reported **390** new measles cases since the previous report. The region reported **11,006** total cases with **0.07%** CFR.



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

Epidemiological Week 36 | From January 1 to September 7, 2024

Infectious Diseases	COVID-19			Mpox			Rabies		
	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	86,518	77	0.10%	-	-	-	Rabies-free Country		
Cambodia	884	0	0%	20	0	0%	-	-	-
Indonesia	118,089	1,454	1.26%	87	0	0%	68	68	100%
Lao PDR	1,474	87	6.55%	1	0	0%	-	-	-
Malaysia	292,520	494	0.20%	9	0	0%	79	79	100%
Myanmar	9,324	5	0.06%	-	-	-	-	-	-
Philippines	141,371	1,467	1.04%	10	0	0%	169	169	100%
Singapore	819,481	313	0.04%	46	0	0%	Rabies-free Country		
Thailand	80,908	1,051	2.29%	808	10	1.24%	4	4	100%
Viet Nam	101,828	20	0.02%	201	8	4.00%	56	56	100%
ASEAN Region	1,652,397	4,971	0.32%	1,182	18	1.53%	376	376	100%

Infectious Diseases	Dengue			Malaria			Measles		
	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR	Cum. Cases	Cum. Deaths	CFR
Brunei Darussalam	-	-	-	-	-	-	-	-	-
Cambodia	9,755	30	0.31%	-	-	-	83	0	0%
Indonesia	186,324	1,120	0.60%	295,659	130	0.04%	1,033	0	0%
Lao PDR	12,316	1	0.01%	14,139	8	0.06%	40	0	0%
Malaysia	94,807	84	0.09%	24	0	0%	3,364	0	0%
Myanmar	1,309	3	0.23%	-	-	-	23	0	0%
Philippines	150,354	396	0.26%	2	0	0%	3,039	3	0.10%
Singapore	11,493	-	0.00%	17	0	0%	8	0	0%
Thailand	71,990	51	0.07%	3,321	1	0.03%	2,527	1	0.05%
Viet Nam	67,748	10	0.02%	160	0	0%	919	174	0.33%
ASEAN Region	606,096	1,695	0.28%	313,322	140	0.04%	11,006	7	0.07%