

Situational Report in the ASEAN Region

— ASEAN Biodiaspora Virtual Center (ABVC)

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ASIAN NATIONS



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COVID-19: Highlights and Situation Overview

Global Update

- **Worldwide**, over 690 million cases and over 6 million deaths have been attributed to COVID-19.
- **WHO Europe:** The World Health Organization's regional director, Dr. Hans Kluge, warns that 36 million people in Europe may have experienced long-lasting health problems from coronavirus infections during the first three years of the COVID-19 pandemic (ABC News, 2023). Long COVID remains a complex condition that remains a blind spot in our knowledge. The pandemic's recovery from the virus is dependent on comprehensive diagnostics and treatment, and older adults, weakened immune systems, and those with weakened immune systems should continue getting vaccinated. The virus's origin remains unknown, and the pandemic has not ended, with recent spikes in cases in Southeast Asia and the Middle East. [\[Full article\]](#)

Regional Update

- The **Philippines** has recorded 27 new cases of Omicron subvariant XBB.1.16, also known as "Arcturus," bringing the total number of COVID-19 infections to 29 (Argosino, 2023). All 27 cases were from Western Visayas, according to the Department of Health (DOH). The latest biosurveillance report logged 73 new Omicron subvariants of COVID-19 in the province, including Arcturus cases. The health agency recorded 297 new COVID-19 infections on June 27. The total caseload was 4,163,472, with 7,760 active cases, 4,089,229 recoveries, and 66,483 deaths. [\[Full article\]](#)
- **Thailand's** Public Health Ministry reports a decrease in COVID-19 cases and deaths worldwide, with deaths primarily affecting those aged above 70 and unvaccinated (VietnamPlus, 2023). Inpatients and clusters are disappearing, but deaths are primarily in the "608" at-risk group, including those aged 60 and over, those with underlying conditions, and pregnant women. To prevent severe symptoms and death, large gatherings should be avoided and preventive measures encouraged. Masks should be worn when in close contact with the elderly, children, and those with underlying conditions. [\[Full article\]](#)

Vaccine Update

- **Philippines:** Health Secretary Ted Herbosa announced that COVID-19 vaccines will only be free for the poor if the state of public health emergency is lifted (Cruz, 2023). The CPR (certificate of product registration) is crucial to ensure the private sector pays for vaccines, while taxes are used for those who cannot afford them. The FDA has granted a CPR to Pfizer's Comirnaty Bivalent COVID-19 Vaccine as a booster dose for 12 years old and above. The secretary hopes importation will occur soon and is negotiating with COVAX facility for an additional 2 million doses of the bivalent shots. [\[Full article\]](#)



Cases and Deaths as of 28 June 2023

- As of 28 June 2023 (1PM, GMT+7), there were 690,861,041 confirmed cases worldwide, including **6,894,600** deaths. Globally, the Case Fatality Rate (CFR) was **1.0%**.
- **36,249,733 confirmed cases** of COVID-19 have been reported in the **ASEAN Region**.
- The Case Fatality Rate in the **ASEAN Region** was **1.02%**

COVID-19 cases in ASEAN region

REGION	COUNTRY	FIRST CONFIRMED CASES	LATEST REPORT ON CONFIRMED	TOTAL CONFIRMED CASES	NEW CASES	TOTAL DEATHS	NEW DEATHS	CUMULATIVE CASES/100,000	CUMULATIVE VACCINATED	CUMULATIVE FULLY VACCINATED	CUMULATIVE BOOSTED	FULLY VACCINATED PER 100
ASEAN REGION	Brunei Darussalam	10-Mar-20	14-Jun-23	308,777	-	225	-	65,703	451,032	446,630	340,379	95.0
	Cambodia	27-Jan-20	28-Jun-23	138,899	1	3,056	-	793	15,290,443	14,663,743	10,663,964	83.7
	Indonesia	02-Mar-20	28-Jun-23	6,811,938	41	161,876	6	2,518	203,864,352	174,929,040	69,043,630	64.7
	Lao PDR	24-Mar-20	28-Jun-23	218,449	5	758	-	2,883	6,324,678	5,691,962	2,451,034	75.1
	Malaysia	25-Jan-20	26-Jun-23	5,114,717	-	37,127	-	15,632	28,135,934	27,549,035	16,337,744	84.2
	Myanmar	23-Mar-20	13-Jun-23	639,740	-	19,494	-	1,134	40,354,937	35,196,377	13,903,599	62.4
	Philippines	30-Jan-20	28-Jun-23	4,163,857	385	66,484	1	3,815	82,684,774	79,164,840	24,178,325	72.5
	Singapore	23-Jan-20	02-Jun-23	2,481,404	-	1,727	-	42,489	5,285,826	5,247,569	4,756,481	89.9
	Thailand	13-Jan-20	26-Jun-23	4,751,563	-	34,328	-	6,789	57,656,453	54,171,516	27,364,601	77.4
	Vietnam	23-Jan-20	26-Jun-23	11,620,389	125	43,206	-	11,355	90,270,583	85,958,364	57,958,886	84.0
ASEAN COUNTRIES				36,249,733	557	368,281	7	153,112	530,319,012	483,019,076	226,998,643	

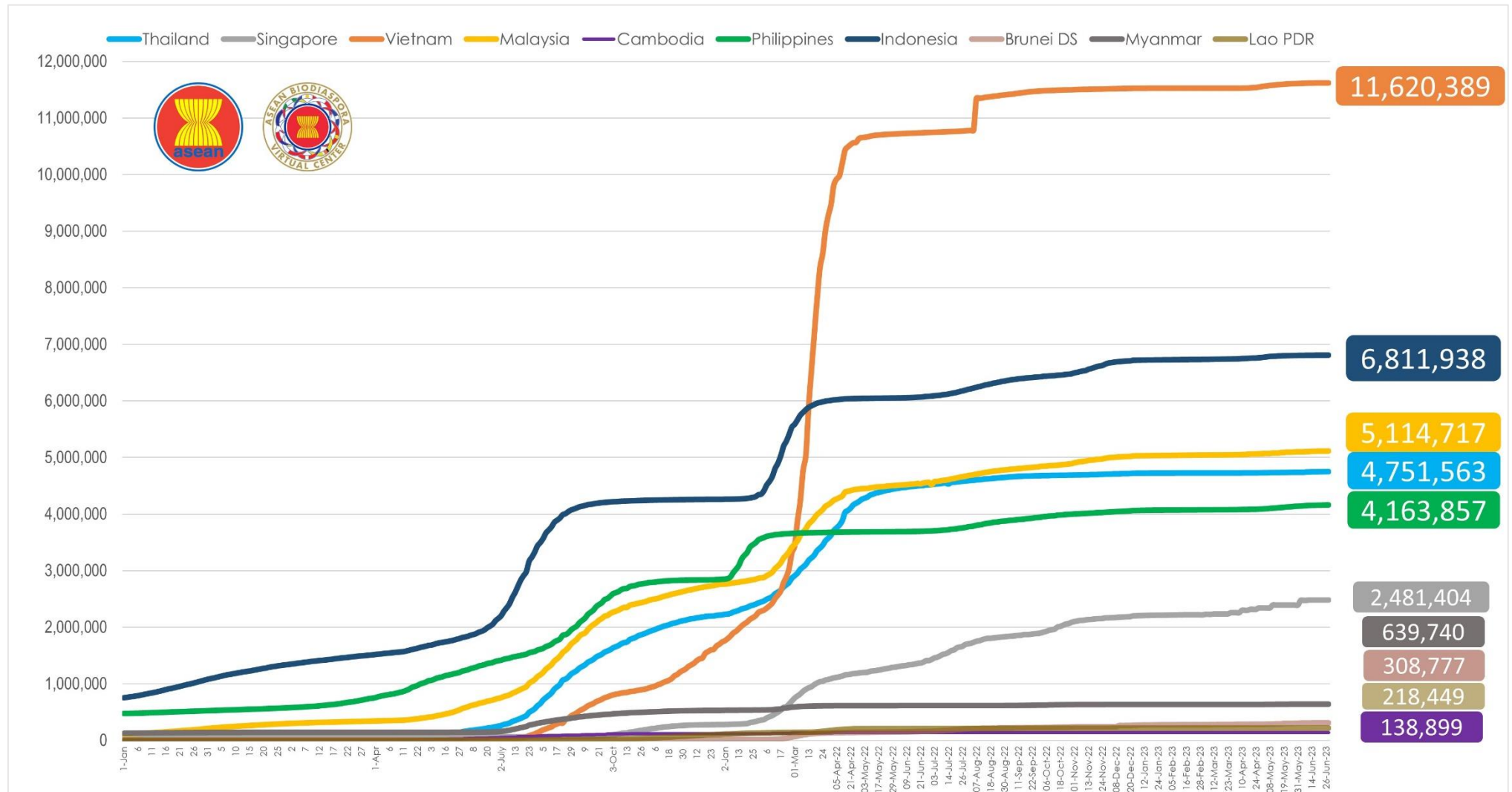
REGION	TOTAL CONFIRMED CASES	NEW CASES	TOTAL DEATHS	NEW DEATHS
ASIA	196,396,516	700	1,208,210	1
AFRICA	12,829,456		258,804	
AMERICAS	195,744,138		2,993,925	
EUROPE	249,641,198	6,237	2,065,380	133
TOTAL	654,611,308	6,937	6,526,319	134

**Data References: [Andra Farm](#), [Worldometer](#), [DOH Philippines](#), and the [WHO](#)



COVID-19 Epi curve among ASEAN Countries:

From January 1, 2021, to June 28, 2023



Cumulative cases of COVID-19 in the ASEAN Region as of June 28, 2023 (Report generated by ASEAN Biodiaspora Virtual Center)

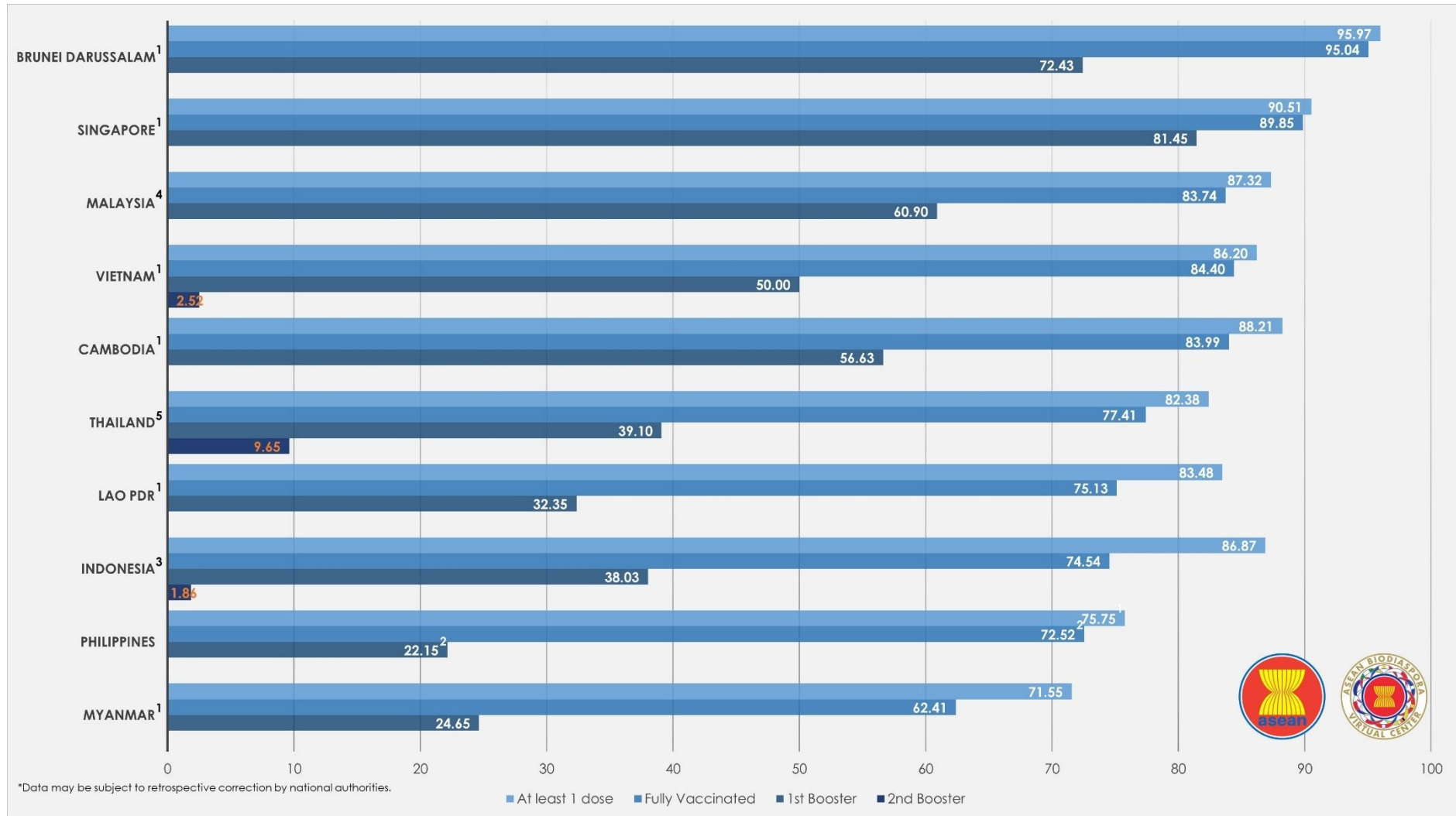
*Data from various references, cases may differ from how data is reported in countries and other authorities. Data may be subject to retrospective correction by national authorities.

**Data References: [Andra Farm](#), [Worldometer](#), [DOH Philippines](#), and the [WHO](#)



ASEAN COVID-19 Vaccination Status

as of 28 June 2023



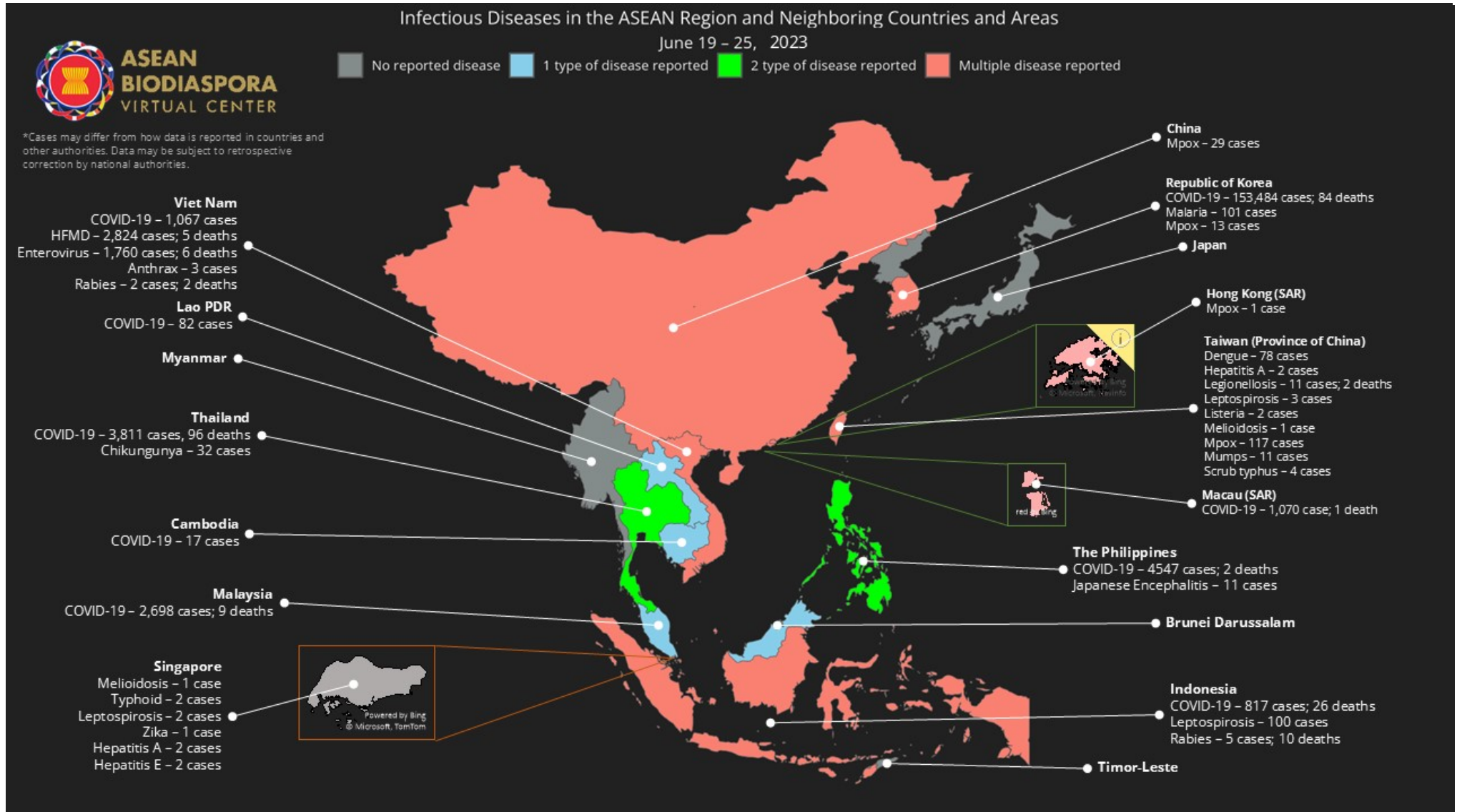
1. World Health Organization, Coronavirus (COVID-19) Dashboard, accessed June 28, 2023, <https://covid19.who.int/>
2. Department of Health Philippines, National COVID-19 vaccination dashboard accessed June 28, 2023, <https://doh.gov.ph/covid19-vaccination-dashboard>
3. Ministry of Health Indonesia, "Vaccine Dashboard, June 28, 2023, <https://vaksin.kemkes.go.id/#/vaccines>
4. Ministry of Health Malaysia, COVID-19 vaccination, accessed June 28, 2023, <https://data.moh.gov.my/covid-vaccination>
5. Ministry of Public Health Thailand, COVID-19 Vaccination Infographic, accessed June 28, 2023, <https://dashboard-vaccine.moph.go.th/>





Reported Infectious Diseases in ASEAN Region and Neighboring Countries and Areas

From June 19-25, 2023





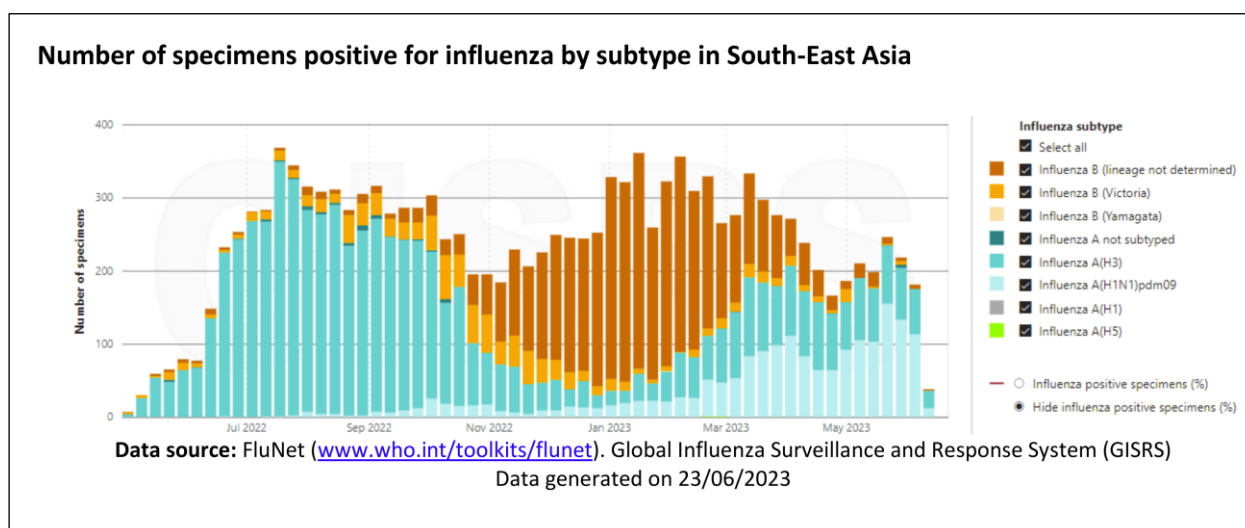
Reported Infectious Diseases Other than COVID-19, Mpox, Measles, and Dengue

June 12-18, 2023

Infectious Disease in ASEAN Region and Neighboring Countries Updates

Influenza

- WHO South-East Asia Regional Office:** influenza activity remained stable in most reporting countries. Cambodia, Laos People's Democratic Republic and Thailand reported continued detections of predominantly influenza A(H1N1)pdm09 viruses. Malaysia and Singapore continued to report A(H1N1)pdm09 and A(H3N2) virus detections. Increased detections of predominately A(H1N1)pdm09 viruses were reported in the Philippines. SARS-CoV-2 activity as detected in integrated surveillance remained low in countries reporting this data during this reporting period. (WHO Influenza Update No. 448 - 26 June 2023, based on data up to 11 June 2023)



Oz Virus

- Japan:** The Ministry of Health in Japan has confirmed the world's first historical human infection and death due to the Oz virus. A woman over the age of 70, a resident of Ibaraki Prefecture, northeast of Tokyo, presented to a local hospital in the summer of 2022 with fever, fatigue, and joint pain (unspecified timeframe of duration). She was diagnosed with pneumonia and was prescribed antibiotics but her condition worsened requiring hospitalization at Tsukuba Medical Centre. During the hospitalization, a tick was found on her upper thigh. Laboratory investigations confirmed the tick was infected with the Oz virus. The woman developed myocarditis (inflammation of the heart) and passed away 26 days after hospitalization in 2022. Oz virus is a novel RNA virus, genus Thogotovirus, Orthomyxoviridae family. There is limited information on the disease transmission modes, incubation period, and clinical spectrum of symptoms, but infections are believed to be primarily acquired through tick bites. The Oz virus isolated from infected ticks has been shown to cause lethal infection in mice during laboratory experimental research. The virus has so far not been found outside of Japan. It is unclear whether there has been surveillance for this virus elsewhere to rule out establishment in other regions. These viruses have considerable zoonotic potential, as indicated by the recent emergence of another Orthomyxovirus, the Bourbon virus in the USA. There are presently no known specific treatments or vaccines for this novel disease. BlueDot Alerts, 27 June 2023



Malaria

- **Republic of Korea:** The number of malaria cases is surging as more people engage in outdoor activities following the end of lockdown (The Chosun Ilbo, 2023). A total of 221 malaria cases were reported from Jan. 1 to June 23, more than doubling the 105 reported during the same period last year, the Korea Disease Control and Prevention Agency said Sunday. There were 115 cases in 2020 and 120 in 2021. At this rate the total number of cases is on course to reach around 500 this year. The number of patients with the mosquito-borne infectious disease stood at around 500 to 600 cases annually between 2017 and 2019. It plummeted to 385 in 2020 and 294 in 2021 during lockdown, but bounced back to 420 cases last year. [\[Full article\]](#)



Dengue Cases in ASEAN Region

From January 1 to June 28, 2023



Dengue cases in ASEAN region

Country	Dengue Cases	New Cases since the previous report	Deaths	Case Fatality Rate (CFR)
Brunei Darussalam	-	-	-	-
Cambodia	3,051 ²	0	5 ²	0.16%
Indonesia	35,964 ¹	0	270 ¹	0.75%
Lao PDR	2,517 ²	0	0 ¹⁻²	0.00%
Malaysia	46,257 ²	0	31 ²	0.07%
Myanmar	1,717 ¹	0	7 ¹	0.41%
Philippines	58,444 ³	0	203 ³	0.35%
Singapore	3,323 ²	0	0 ²	0.00%
Thailand	13,987 ²	0	17 ¹	0.12%
Vietnam	33,695 ²	0	8 ²	0.02%
Total	198,955	0	541	0.27%

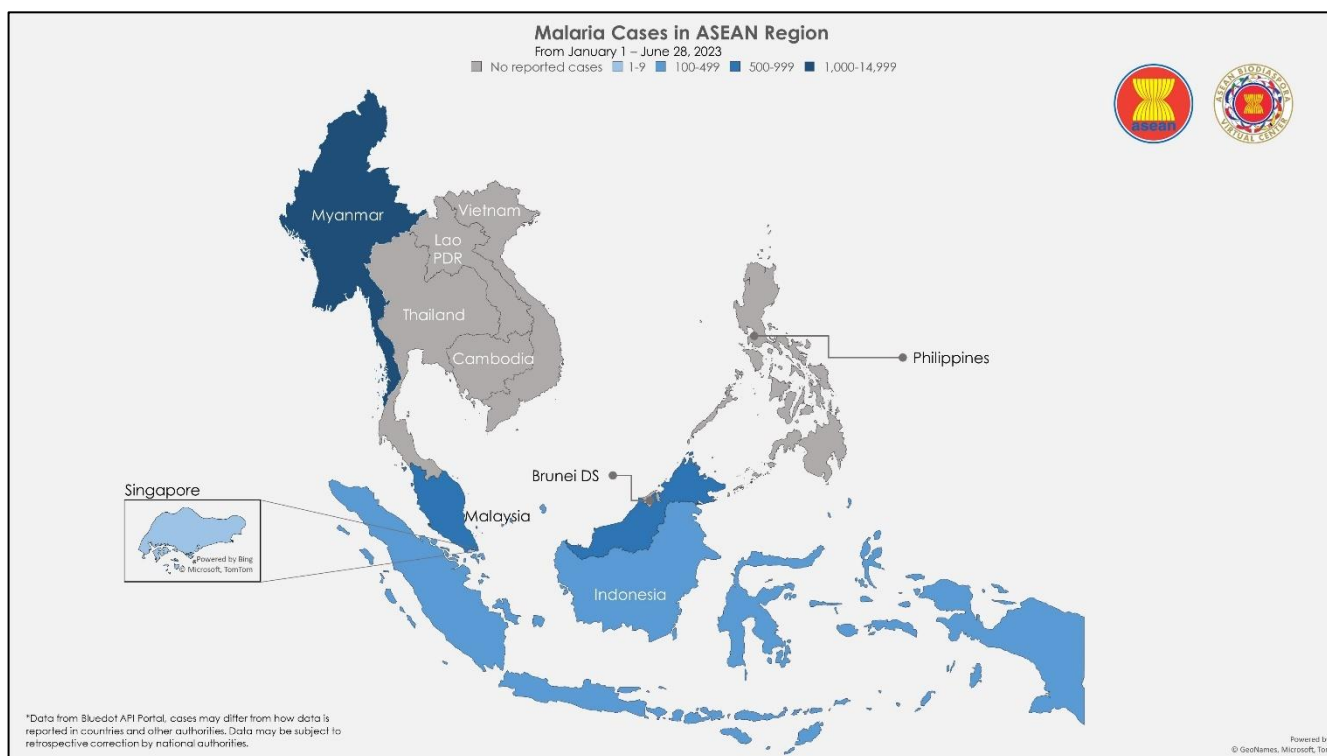
1. BlueDot Developer Portal, accessed June 28, 2023, <https://developer-portal.blue-dot.global/>.
 2. Asian Dengue Voice and Action, "Asian Dengue Dashboard," accessed June 28, 2023, <https://www.adva.asia/asian-dengue-dashboard/>.
 3. Department of Health Website, accessed June 28, 2023 "Statistics," June 3, 2023, <https://doh.gov.ph/statistics>.
 *Data were updated and collected from official sources, which may have a 2-4 weeks delay in reporting. Data must be interpreted cautiously.

- ASEAN region reported **NO** new dengue cases since the previous report. The region reported **198,955** total cases and **541** total deaths in 2023 with **0.27%** CFR.



Malaria Cases in ASEAN Region

From January 1 to June 28, 2023



Malaria cases in ASEAN region

Country	Malaria Cases	New Cases since the previous report	Deaths	Case Fatality Rate (CFR)
Brunei Darussalam	-	-	-	-
Cambodia	-	-	-	-
Indonesia	353 ⁴	0	-	0.00%
Lao PDR	-	-	-	-
Malaysia	866 ⁴	0	-	0.00%
Myanmar	4,510 ⁴	0	-	0.00%
Philippines	-	-	-	-
Singapore	7 ⁴	1	-	0.00%
Thailand	-	-	-	-
Vietnam	-	-	-	-
Total	5,736	1	0	0.00%

4. BlueDot Developer Portal, accessed June 28, 2023, <https://developer-portal.bluedot.global/>.

- ASEAN region reported **1** new malaria case in Singapore since the previous report. The region reported **5,736** total cases and **0** total deaths in 2023 with **0.00%** CFR.



Measles Cases in ASEAN Region

From January 1 to June 28, 2023



Measles cases in ASEAN region

Country	Measles Cases	New Cases since the previous report	Deaths	Case Fatality Rate (CFR)
Brunei Darussalam	-	-	-	-
Cambodia	-	-	-	-
Indonesia	2,161 ⁵	0	17 ⁵	0.79%
Lao PDR	-	-	-	-
Malaysia	-	-	-	-
Myanmar	-	-	-	-
Philippines	634 ⁶	0	2 ⁶	0.32%
Singapore	5 ⁵	0	-	0.00%
Thailand	73 ⁵	0	-	0.00%
Vietnam	-	-	-	-
Total	2,873	0	19	0.66%

5. BlueDot Developer Portal, accessed June 28, 2023, <https://developer-portal.bluedot.global/>.

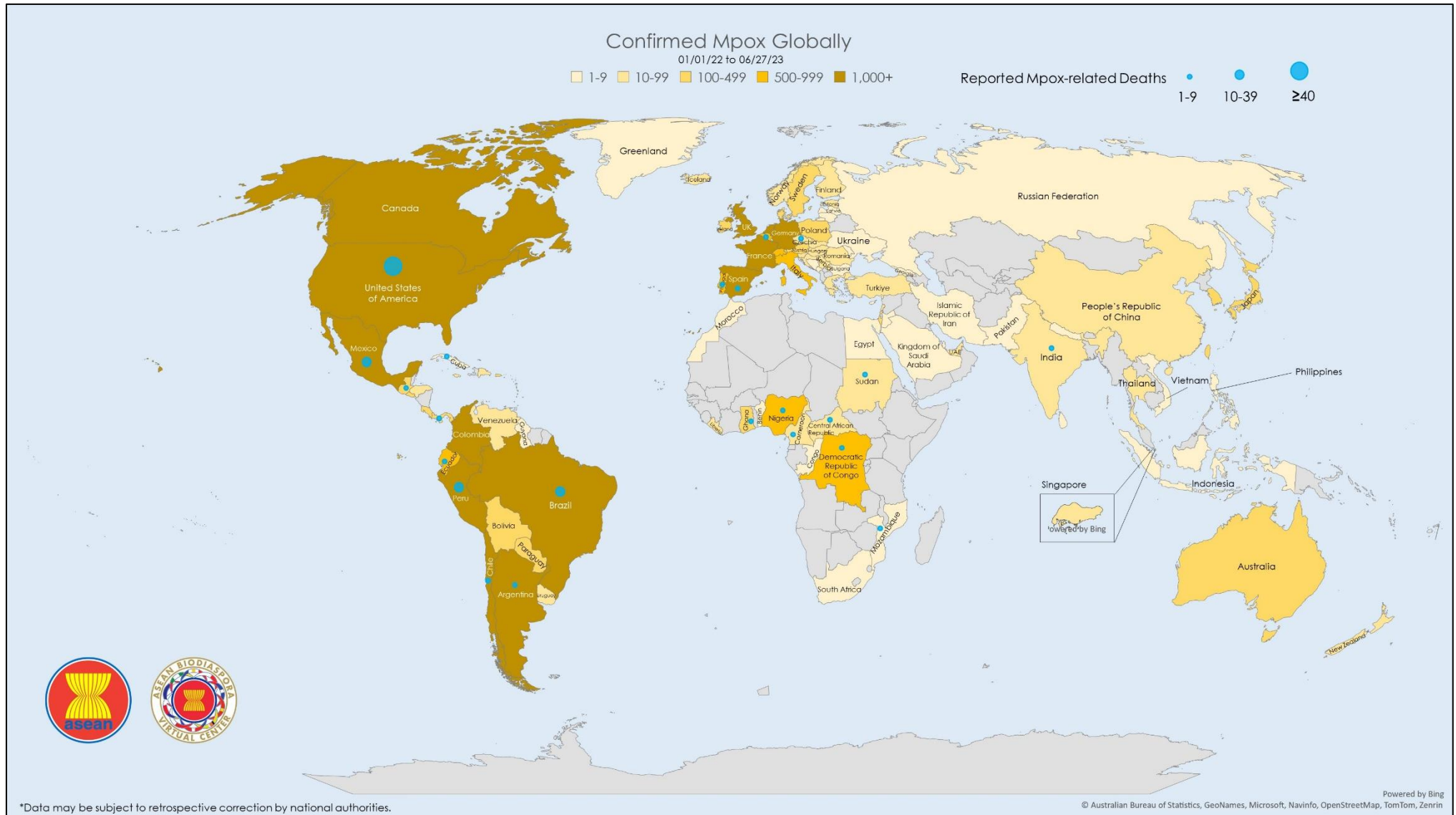
6. Department of Health Website, accessed June 28, 2023 "Statistics," June 3, 2023, <https://doh.gov.ph/statistics>.

- ASEAN region reported **NO** new measles cases in since the previous report. The region reported **2,873** total cases and **19** total deaths in 2023 with **0.66%** CFR.



Mpox Cases Reported Globally

Data reported as of June 27, 2023



*Data may be subject to retrospective correction by national authorities.

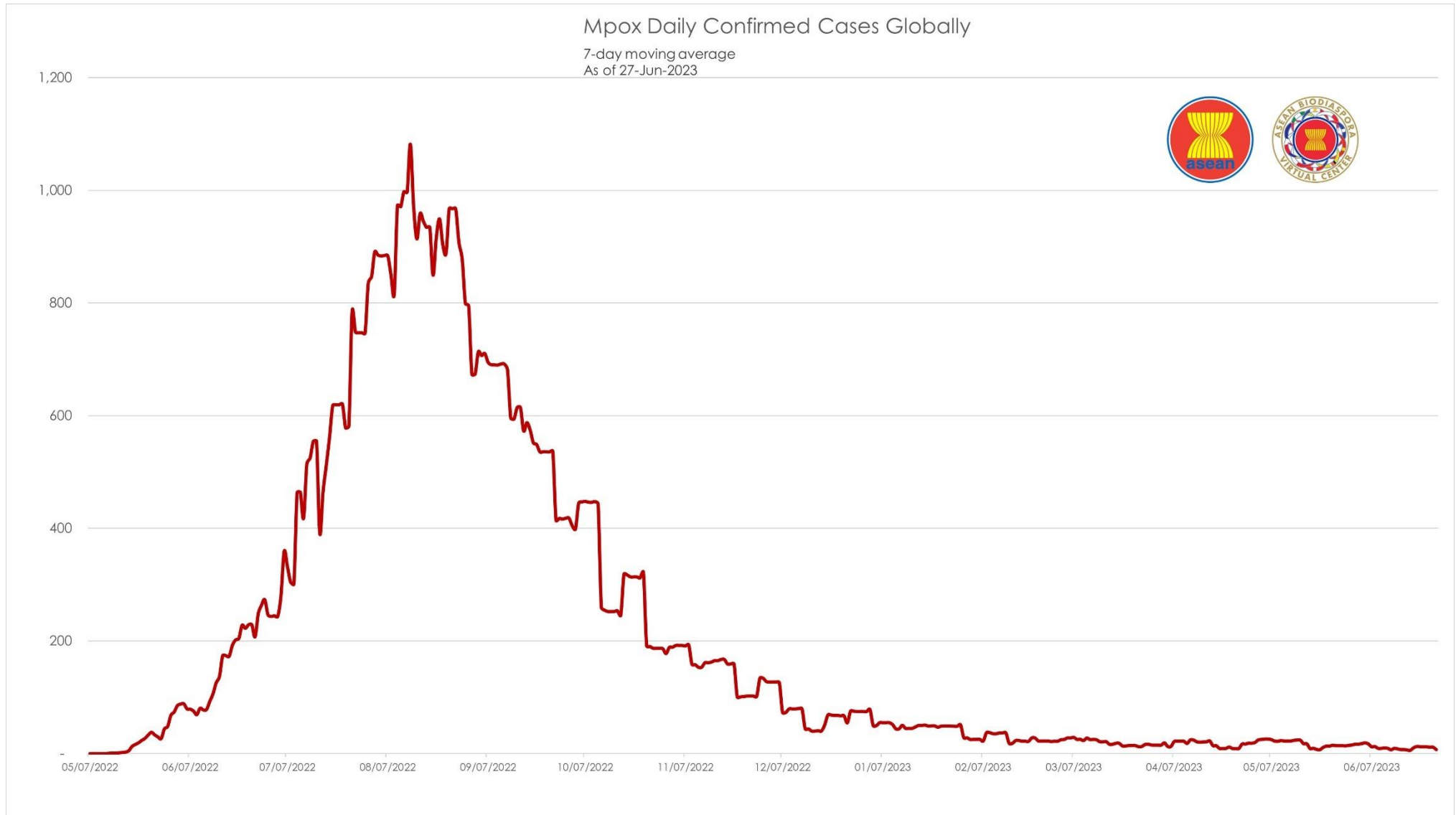
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Edouard Mathieu et al., "Mpox (Monkeypox)," Our World in Data, accessed June 28, 2022, <https://ourworldindata.org/monkeypox>.



Mpox Daily Trend Globally

Data reported as of June 27, 2023



Edouard Mathieu et al., "Mpox (Monkeypox)," Our World in Data, accessed June 28, 2022, <https://ourworldindata.org/monkeypox>.



Mpox: Highlights and Situation Overview

- As of 28 June 2023 (1PM, GMT+7), there were **88,060** confirmed cases worldwide, including **147** deaths. Globally, the Case Fatality Rate (CFR) was **0.17%**.
- **89 confirmed cases** in the ASEAN region, with a CFR of **0%**.
- **87,971 confirmed cases** of Mpox have been reported in other **5 regions** (other than the ASEAN region):

Mpox cases in the ASEAN region

Country	Total Cases	New Cases	Deaths	Case Fatality Rate (CFR)
Indonesia	1	-	-	0.00%
Philippines	5	-	-	0.00%
Singapore	25	-	-	0.00%
Thailand	56	-	-	0.00%
Vietnam	2	-	-	0.00%
ASEAN Total	89	-	-	0.00%

Mpox cases in the Asia-Pacific region

Country/Territory/Areas	Total Cases	New Cases	Deaths	Case Fatality Rate (CFR)
Australia	145	-	-	0.00%
India	22	-	1	4.55%
Japan	185	4	-	0.00%
Nepal	1	-	-	0.00%
New Caledonia	1	-	-	0.00%
New Zealand	41	-	-	0.00%
People's Republic of China	194	34	-	0.00%
The Republic of Korea	117	13	-	0.00%
Sri Lanka	4	-	-	0.00%
Asia-Pacific Total	710	51	1	0.14%

*People's Republic of China – including Hong Kong (SAR), Macao (SAR), and Taiwan (Province of China)

Top 5 countries with the most mpox cases globally

Country	Total Cases	New Cases	Deaths	Case Fatality Rate (CFR)
United States of America	30,267	31	42	0.14%
Brazil	10,950	-	16	0.15%
Spain	7,559	-	3	0.04%
France	4,146	-	-	0.00%
Colombia	4,090	-	-	0.00%



Mpox cases per region

REGION	TOTAL CONFIRMED CASES SINCE JANUARY 1, 2022	NEW CASES SINCE THE PREVIOUS REPORT	TOTAL DEATHS	CASE FATALITY RATE
AFRICA	1,776	1	22	1.24%
AMERICAS	59,515	65	117	0.20%
ASEAN	89	-	-	0.00%
ASIA PACIFIC	646	64	1	0.15%
EUROPE	25,643	2	7	0.03%
MIDDLE EAST	327	-	-	0.00%
TOTAL	88,060	132	147	0.17%

Edouard Mathieu et al., "Mpox (Monkeypox)," Our World in Data, accessed June 28, 2022, <https://ourworldindata.org/monkeypox>.



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