



Situational Report in the ASEAN Region

—— ASEAN BioDiaspora Virtual Center (ABVC)



ASSOCIATION
OF SOUTHEAST
ASIAN NATIONS



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Table of Contents

COVID-19	1
Highlights and Situation Overview	1
Global Update	1
Research Update	1
Travel Update	2
COVID-19 Cases and Deaths Table	3
COVID-19 Cases in ASEAN Region Table	3
Epi curve Among ASEAN Countries	4
ASEAN Weekly New Cases and New Deaths	5
Vaccination Status in ASEAN	6
Mpox	7
Map of Mpox Cases Globally	7
Mpox Daily Trend Globally	8
Highlights and Situation Overview	9
Mpox Cases in ASEAN Region Table	9
Mpox Cases in Asia-Pacific Region Table	9
Top 5 Countries with Most Mpox Cases Globally	9
Mpox Cases per Region	10
References	11



COVID-19: Highlights and Situation Overview

Global Update

- **Worldwide**, over 690 million cases and over 6 million deaths have been attributed to COVID-19.

Research Update (Published and peer-reviewed studies)

- The 122nd Annual Congress of the German Society of Ophthalmology (DOG) was held in person from September 28 to October 2, 2022, in Berlin, Germany, for the first time in 3 years (Abdin et al., 2023). The DOG congress had a high number of attendees and took place during the Omicron wave without mandatory safety measures such as self-testing, confirmed vaccination, and wearing masks. The aim of cross-sectional study, **Factors Associated With SARS-CoV-2 Infection at a German Medical Congress During the Omicron Wave**, was to investigate the association of this face-to-face DOG meeting with potential SARS-CoV-2 transmission. An online survey was sent to participants after the congress on October 22, 2022. Of the 4463 congress participants who attended in person, 1709 (38.2%) completed the survey. Of all valid respondents (1355 respondents), 109 (8.0%) reported a positive SARS-CoV-2 test result. The majority of the SARS-CoV-2 tests (690 tests [88.0%]) were carried out within 1 week after the congress (median, 3 days). Nearly all participants were vaccinated (1342 participants [97.8%]), and vaccination status was not associated with SARS-CoV-2 infection during the congress. However, prior infection was significantly associated with testing negative for SARS-CoV-2 infection, and private accommodation in Berlin was associated with a higher infection rate compared with hotel accommodation. The mode of transportation and wearing masks during travel or during the congress were not associated with infection rate. In summary, 8.0% of the participants reported a positive test for SARS-CoV-2. Although mass gatherings such as a large congress are associated with SARS-CoV-2 infection, private accommodation with families and friends was the primary associative factor in this study. A history of proven SARS-CoV-2 infection could be considered to be a protective factor. [[Full text](#)]
- This qualitative study, **Experiences of US Clinicians Contending with Health Care Resource Scarcity During the COVID-19 Pandemic, December 2020 to December 2021**, described the experiences of US clinicians practicing under conditions of extreme resource limitation during the second year of the pandemic (Butler et al., 2023). Interviews were conducted between December 28, 2020, and December 9, 2021. 23 clinicians (21 physicians and 2 nurses) who were practicing in California, Idaho, Minnesota, or Texas were included. Three themes emerged in qualitative analysis. The first theme describes isolation. Clinicians had a limited view on what was happening outside their immediate practice setting and perceived a disconnect between official messaging about crisis conditions and their own experience. In the absence of overarching system level support, responsibility for making challenging decisions about how to adapt practices and allocate resources often fell to frontline clinicians. The second theme describes in-the-moment decision-making. Formal crisis declarations did little to guide how resources were allocated in clinical practice. Clinicians adapted practice by drawing on their clinical judgment but described feeling ill equipped to handle some of the operationally and ethically complex situations that fell to them. The third theme describes waning motivation. As the pandemic persisted, the strong sense of mission, duty, and purpose that had fueled extraordinary efforts earlier in the pandemic was eroded by unsatisfying clinical roles, misalignment between clinicians' own values and institutional goals, more distant relationships with patients, and moral distress. These findings suggest that institutional plans to protect frontline clinicians from



the responsibility of allocating scarce resources could be unworkable, arguing for greater integration of these clinicians into disaster response, especially in protracted crises. [\[Full text\]](#)

- **COVID-19 vaccination exacerbates ex vivo IL-6 release from isolated PBMCs**, a study examined the effects of COVID-19 vaccination on various health parameters (Langgartner et al., 2023). It found that vaccinated individuals showed a strong T-cell response to the receptor binding domain (RBD) of the virus. Additionally, they exhibited increased interleukin-6 (IL-6) secretion and anti-inflammatory IL-10 secretion from immune cells. However, other health measures, including blood counts, stress hormones, cardiovascular measures, and mental and physical health, were not significantly affected by vaccination status. These findings emphasize the importance of considering vaccination status in studies assessing immune cell functionality during the pandemic. [\[Full text\]](#)
- **COVID-19 induced anorexia nervosa: A case series and brief review of literature**, this report highlights five cases of Anorexia Nervosa (AN) that either developed or worsened following COVID-19 infection (Esmaeeli et al., 2023). One case even experienced a relapse after initially achieving remission post COVID-19 vaccination. Although some patients showed improvement with medical and non-medical interventions, poor compliance resulted in two cases being lost. This suggests that individuals with a history of eating disorders or other mental illnesses may be more susceptible to developing or worsening these conditions following COVID-19 infection, particularly if gastrointestinal symptoms are predominant. As there is limited evidence on the specific risks of COVID-19 in AN patients, reporting such cases can contribute to understanding, prevention, and management of these conditions. Clinicians should be mindful of the possibility of eating disorders occurring after COVID-19 infection or vaccination. [\[Full text\]](#)

Travel Update

- **Indonesia:** Due to public order disruptions and the potential transmission of diseases, Indonesia has stopped its visa-free program for 159 nations (The Star Online, 2023). The order was issued by the Ministry of Law and Human Rights, and it covers 169 qualifying countries as well as 10 ASEAN countries. The decision attempts to address public order disruptions and disease transmission from countries that have not declared themselves disease-free. The total number of policyholders has been reset. Only ten ASEAN nations are now exempt from visa requirements: Brunei Darussalam, the Philippines, Cambodia, Laos, Malaysia, Myanmar, Singapore, Thailand, Timor-Leste, and Vietnam. With a valid passport and a booked exit ticket, visitors from these countries can stay in Indonesia for up to 30 days. [\[Full article\]](#)



Cases and Deaths as of 19 June 2023

- As of 19 June 2023 (1PM, GMT+7), worldwide, there were **690,594,365** confirmed cases, including **6,892,646** deaths. Globally, Case Fatality Rate (CFR) was **1.0%**.
- 36,240,132 confirmed cases** of COVID-19 have been reported in the **ASEAN Region**.
- The Case Fatality Rate in the **ASEAN Region** was **1.1%**

COVID-19 cases in ASEAN region

REGION	COUNTRY	FIRST CONFIRMED CASE(S)	LATEST REPORT ON CONFIRMED CASE(S)	TOTAL CONFIRMED CASES	NEW CASES	TOTAL DEATHS	NEW DEATHS	CUMULATIVE CASES/ 100,000	CUMULATIVE VACCINATED	CUMULATIVE FULLY VACCINATED	CUMULATIVE BOOSTERED	FULLY VACCINATED/ 100
ASEAN REGION	Brunei Darussalam	10 Mar 20	14-Jun-23	308,777	-	225	-	64,053	450,404	445,929	338,987	99.3
	Cambodia	27 Jan 20	18-Jun-23	138,882		3,056	-	841	15,244,858	14,609,937	10,433,215	87.1
	Indonesia	02 Mar 20	19-Jun-23	6,814,555	3,427	161,845	1	2,490	203,657,535	172,693,321	67,952,274	62.7
	Lao PDR	24 Mar 20	19-Jun-23	218,371	4	758	-	3,041	5,888,649	5,222,417		69.4
	Malaysia	25 Jan 20	17-Jun-23	5,112,019		37,110		15,788	28,125,245	27,536,657	17,056,957	81.1
	Myanmar	23 Mar 20	13-Jun-23	639,740	-	19,494	-	1,173	34,777,314	27,545,329	2,227,351	50.8
	Philippines	30 Jan 20	18-Jun-23	4,159,310		66,482	-	3,771	78,369,243	73,937,435	21,341,197	64.0
	Singapore	23 Jan 20	06-Jun-23	2,481,404	-	1,727	-	39,049	5,161,990	5,120,768	4,440,289	90.8
	Thailand	13 Jan 20	12-Jun-23	4,747,752	-	34,232	-	6,791	57,005,497	53,486,086	32,143,431	74.6
	Vietnam	23 Jan 20	18-Jun-23	11,619,322		43,206	-	11,950	90,450,881	85,848,363	57,452,750	87.4
ASEAN COUNTRIES				36,240,132	3,431	368,135	1	148,946	519,131,616	466,446,242	213,386,451	

*There have been no tests reported in the last 14 days in the **ASEAN** Region.

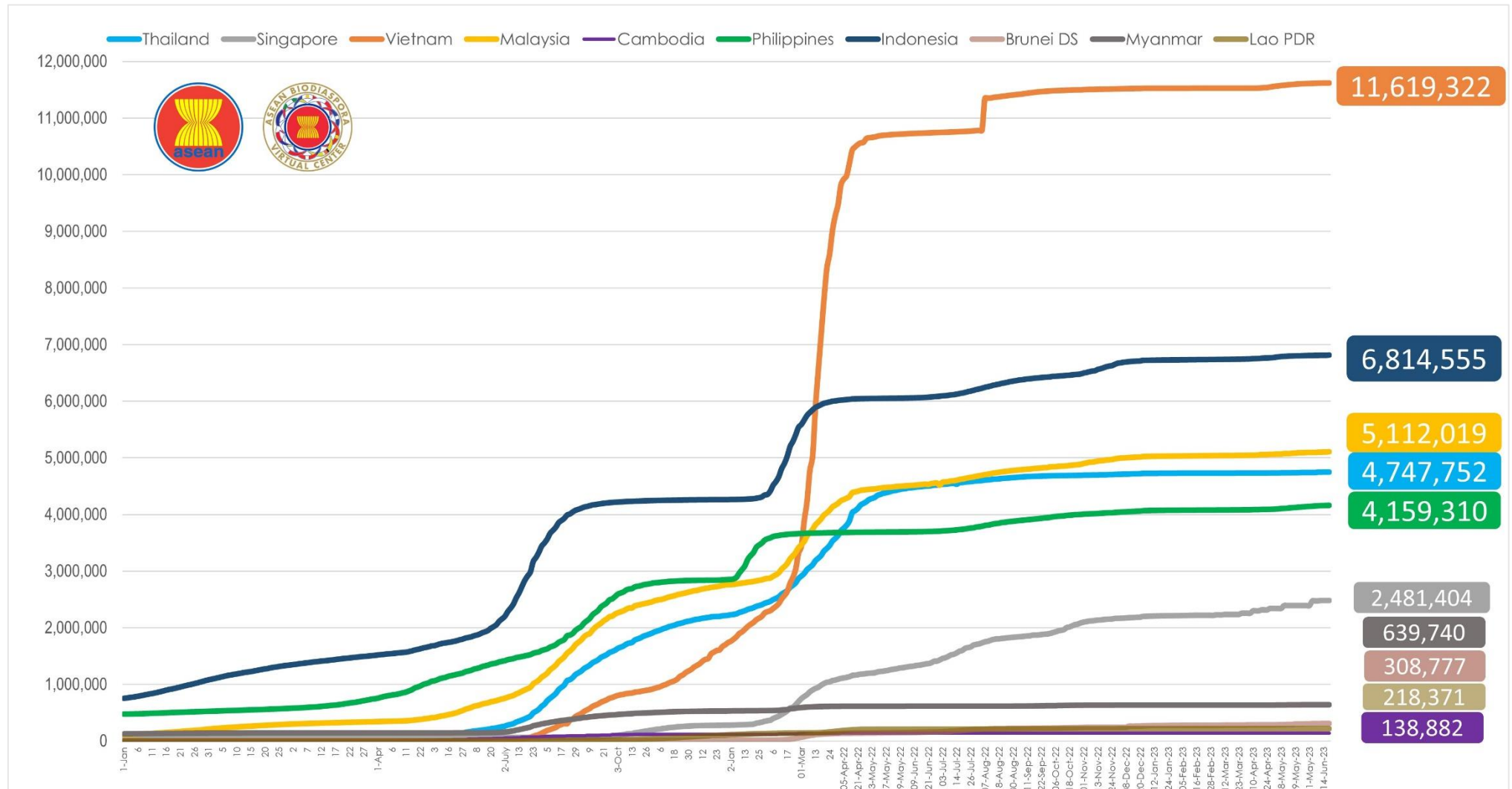
REGION	TOTAL CONFIRMED CASES	NEW CASES	TOTAL DEATHS	NEW DEATHS
ASIA	196,248,096	7,604	1,207,944	8
AFRICA	12,826,247		258,789	
AMERICAS	195,679,640		2,993,078	
EUROPE	249,600,250		2,064,700	
TOTAL	654,354,233	7,604	6,524,511	8

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



COVID-19 Epi curve among ASEAN Countries:

From January 1, 2022 to June 19, 2023



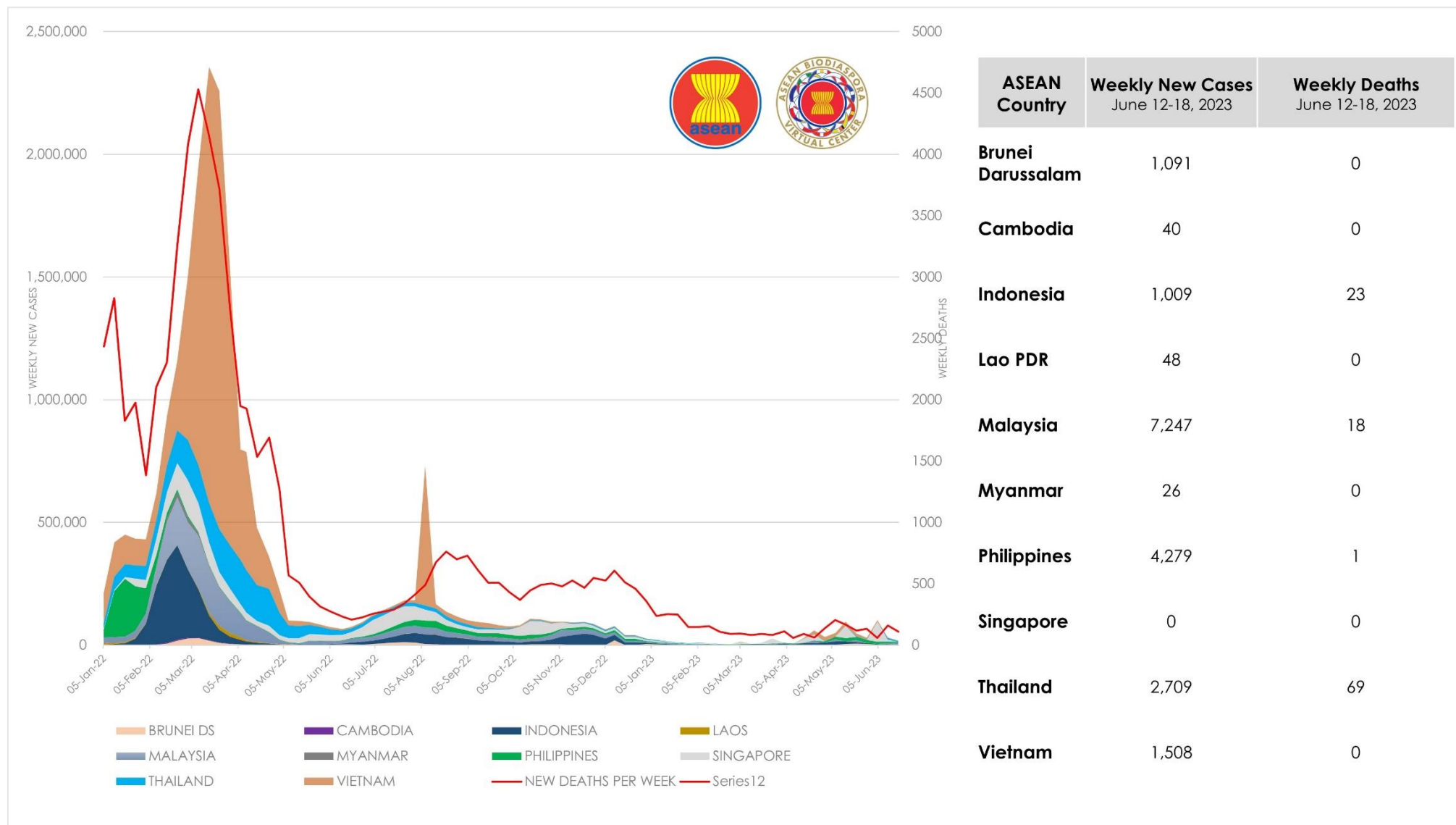
Cumulative cases of COVID-19 in the ASEAN Region as of June 19, 2023 (Report generated by ASEAN Biodiaspora Virtual Center)

*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.



ASEAN Weekly COVID-19 New Cases and Deaths

From January 1, 2022 to June 18, 2023

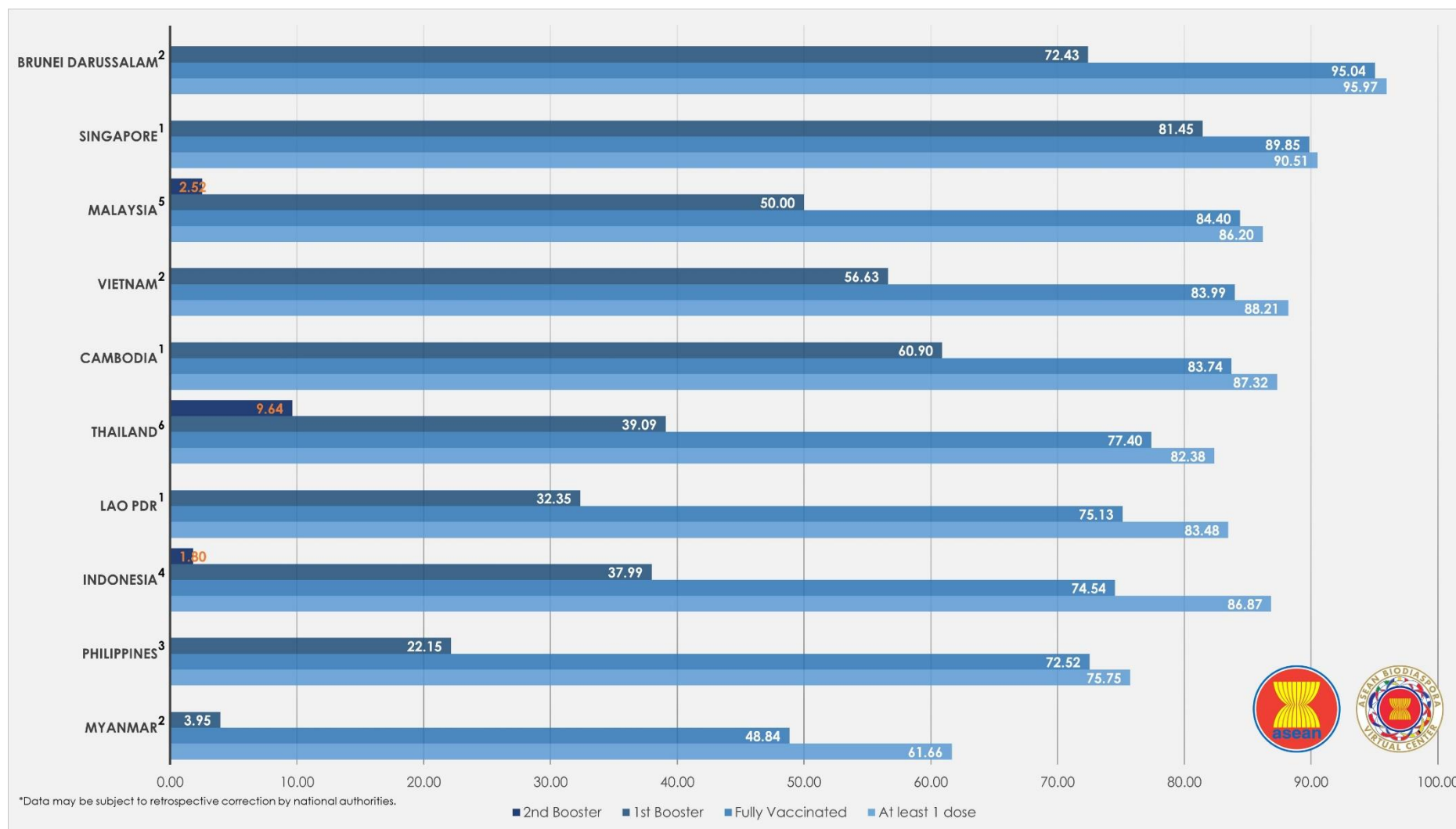


BlueDot Developer Portal, accessed June 19, 2023, <https://developer-portal.bluedot.global/>.



ASEAN COVID-19 Vaccination Status

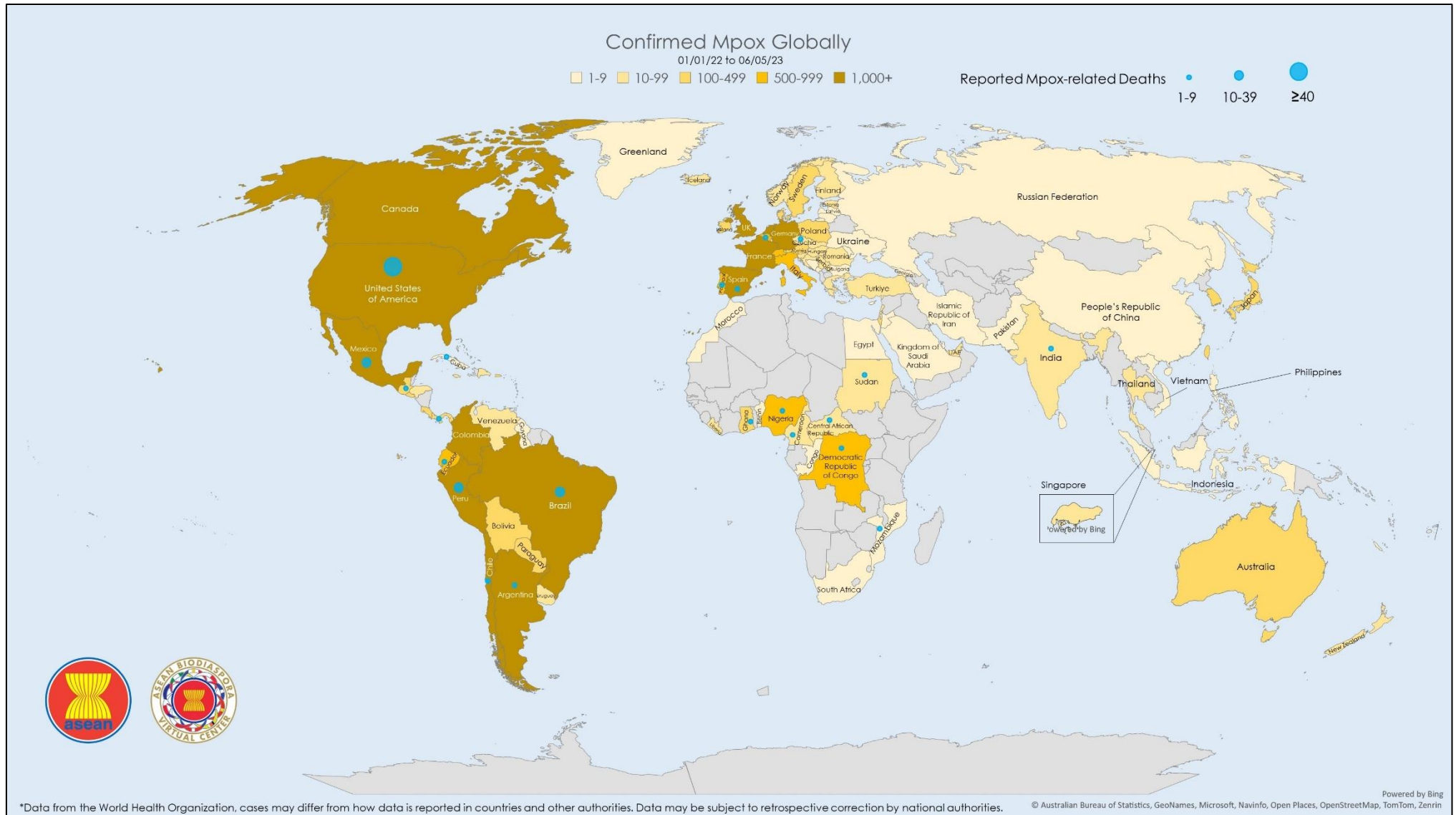
as of 19 June 2023



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



as of June 12, 2023

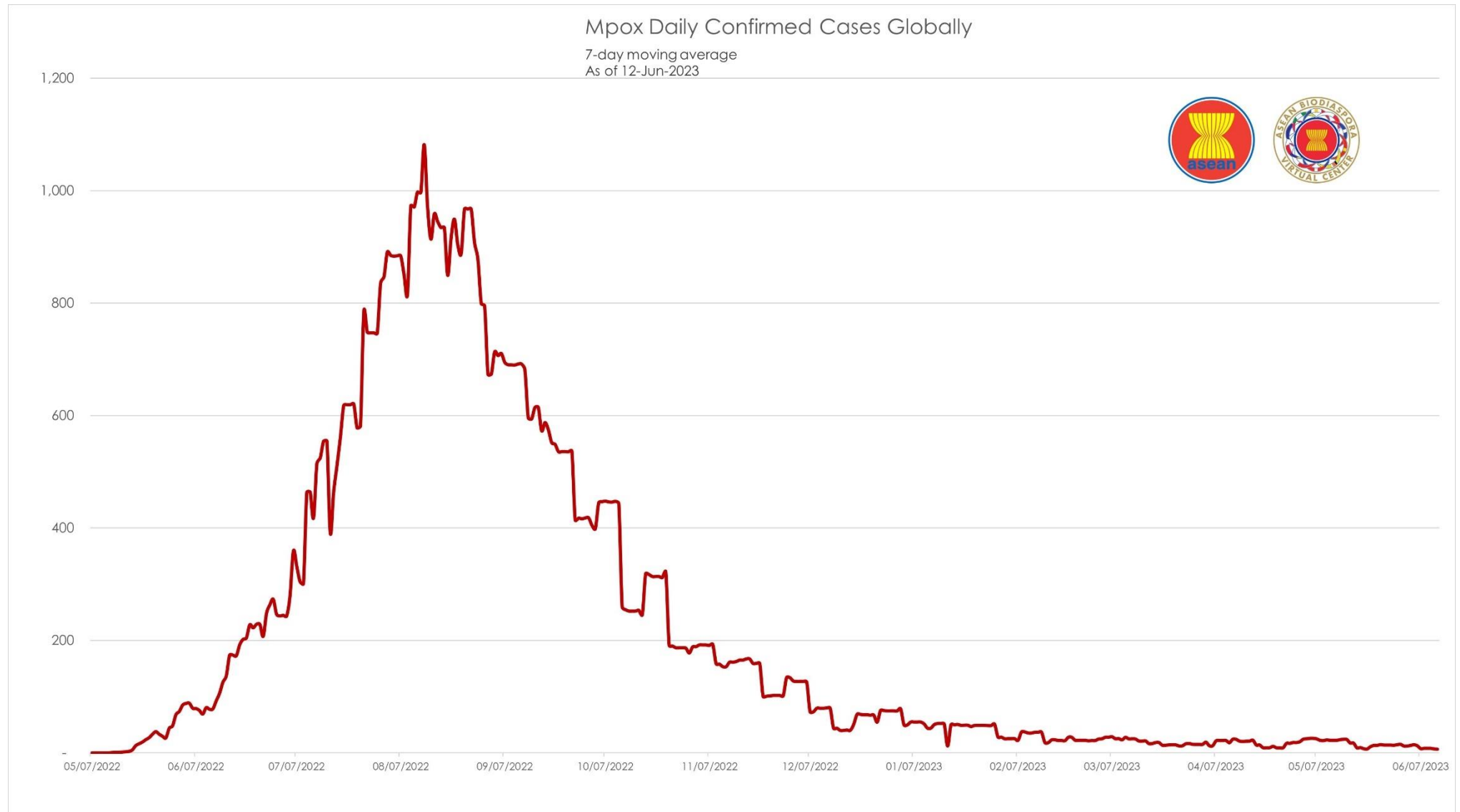


Edouard Mathieu et al., "Mpox (Monkeypox)," Our World in Data, accessed June 19, 2022, <https://ourworldindata.org/monkeypox>.



Mpox Daily Trend Globally

as of June 12, 2023



Edouard Mathieu et al., "Mpox (Monkeypox)," Our World in Data, accessed June 19, 2022, <https://ourworldindata.org/monkeypox>.



Mpox: Highlights and Situation Overview

- As of 12 June 2023 (1PM, GMT+7), there were **87,979** confirmed cases worldwide, including **147** deaths. Globally, the Case Fatality Rate (CFR) was **0.17%**.
- 85 confirmed cases** in the ASEAN region, with a CFR of **0%**.
- 87,894 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	52	-	-	0.00%
Vietnam	2	-	-	0.00%
ASEAN Total	85	-	-	0.00%

Mpox cases in the Asia-Pacific region

Country/Territory	Total Cases	New Cases	Deaths	Case Fatality Rate (CFR)
Australia	145	-	-	0.00%
India	22	-	1	4.55%
Japan	169	-	-	0.00%
New Caledonia	1	-	-	0.00%
New Zealand	41	-	-	0.00%
People's Republic of China*	160	-	-	0.00%
The Republic of Korea	104	-	-	0.00%
Sri Lanka	4	-	-	0.00%
Asia-Pacific Total	646	-	1	0.15%

*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	30,243	-	42	0.14%
Brazil	10,949	-	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	1,832	-	22	1.15%
AMERICAS	59,450	-	117	0.20%
ASEAN	85	-	-	0.00%
ASIA PACIFIC	646	-	1	0.15%
EUROPE	25,639	-	7	0.03%
MIDDLE EAST	327	-	-	0.00%
TOTAL	87,979	-	147	0.17%

Edouard Mathieu et al., "Mpox (Monkeypox)," Our World in Data, accessed June 19, 2022, <https://ourworldindata.org/monkeypox>.



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