

Situational Report in the ASEAN Region

— ASEAN Biodiaspora Virtual Center (ABVC)

June 21, 2023 | Issue No. 499



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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.

Regional Update

- **Indonesia:** President Joko Widodo has revoked the COVID-19 pandemic status in Indonesia, stating that the corona virus is now endemic (Farisa, 2023). The decision was made due to three factors: a close-to-zero daily number of confirmed cases, 99% of Indonesian people already having antibodies, and the revokement of the WHO's global health emergency status. The pandemic has been ongoing for over three years, with 6,811,330 cases recorded as of June 2023. The government hopes for better economic growth and improved socio-economic quality. [\[Full article\]](#)
- **Malaysia** is expected to transition from the COVID-19 pandemic to the endemic phase by July 2023 (Pamela, 2023). Minister of Health Zaliha Mustafa stated that the country has not yet entered the endemic phase, but is still implementing the outbreak, with slight increases during the festive season. The number of cases and severity level are low, but concerns remain, requiring close monitoring. [\[Full article\]](#)
- **The Philippines** has detected its first case of COVID-19 Omicron subvariant FE.1, a sublineage of the Omicron XBB subvariant (Ombay, 2023). The lone case was found in genome sequencing conducted from May 29 to June 12, 2023. FE.1 was added to the list of variants under monitoring (VUMs) by the European Centre for Disease Prevention and Control on June 1, 2023. The subvariant was initially flagged for its increasing global prevalence and has been detected in 35 countries. The DOH emphasizes that limited information is available for the variant, and researchers are characterizing it in terms of transmissibility, immune evasion, and ability to cause more severe disease. The country has detected 206 more Omicron BA.2.3.20 cases, 34 XBC cases, six BA.2.75 cases, four BA.5 cases, and 26 other Omicron sublineages. Over 390,000 doses of donated bivalent vaccines have arrived in the Philippines earlier this month. [\[Full article\]](#)

Vaccine Update

- **The Philippines** began offering bivalent COVID-19 shots to healthcare workers and senior citizens on June 21 (Cabico, 2023). The program aims to protect the most vulnerable and first responders against the virus. Lithuania donated 390,000 doses for the program. President Ferdinand "Bongbong" Marcos Jr. urged Filipinos to get vaccinated for their own well-being and the protection of families and the public. Over 79.1 million individuals were fully immunized, but only 24.1 million received boosters. [\[Full article\]](#)



Cases and Deaths as of 21 June 2023

- As of 21 June 2023 (1PM, GMT+7), worldwide, there were **690,635,107** confirmed cases, including **6,893,329** deaths. Globally, Case Fatality Rate (CFR) was **1.0%**.
- 36,240, 226 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 BOOSTED	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	20-Jun-23	138,887	-	3,056	-	841	15,244,858	14,609,937	10,433,215	87.1
	Indonesia	02 Mar 20	21-Jun-23	6,811,359	29	161,849	1	2,490	203,657,535	172,693,321	67,952,274	62.7
	Lao PDR	24 Mar 20	21-Jun-23	218,388	8	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	20-Jun-23	4,160,154	-	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	19-Jun-23	4,749,910	-	34,292	-	6,791	57,005,497	53,486,086	32,143,431	74.6
	Vietnam	23 Jan 20	20-Jun-23	11,619,588	-	43,206	-	11,950	90,450,881	85,848,363	57,452,750	87.4
ASEAN COUNTRIES				36,240,226	37	368,199	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.

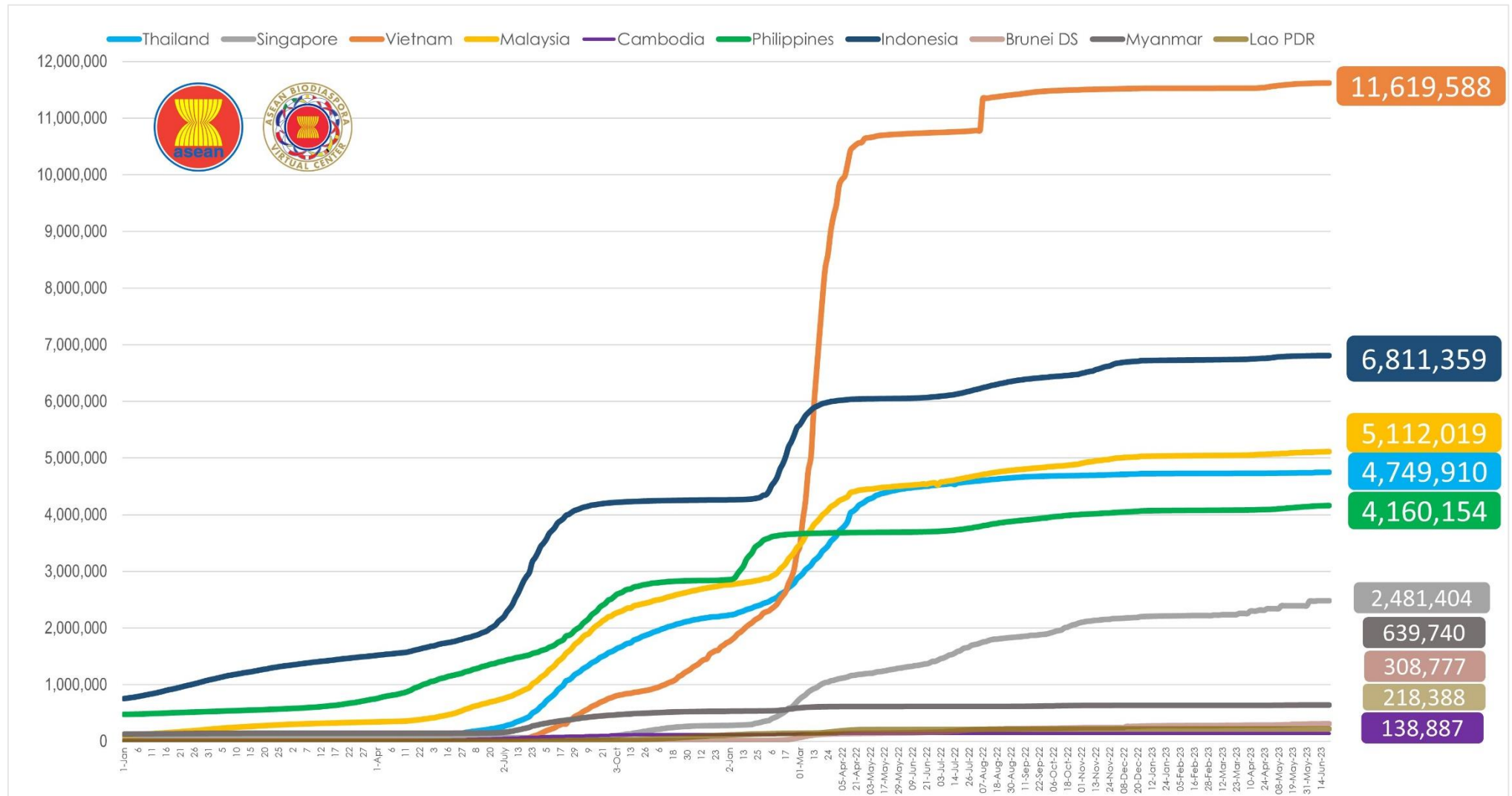
REGION	TOTAL CONFIRMED CASES	NEW CASES	TOTAL DEATHS	NEW DEATHS
ASIA	196,252,204	7,604	1,207,952	8
AFRICA	12,827,182		258,791	
AMERICAS	195,707,293		2,993,524	
EUROPE	249,608,202		2,064,863	
TOTAL	654,394,881	7,604	6,525,130	8

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



COVID-19 Epi curve among ASEAN Countries:

From January 1, 2021, to June 21, 2023



Cumulative cases of COVID-19 in the ASEAN Region as of June 21, 2023 (Report generated by ASEAN Biodiaspora Virtual Center)

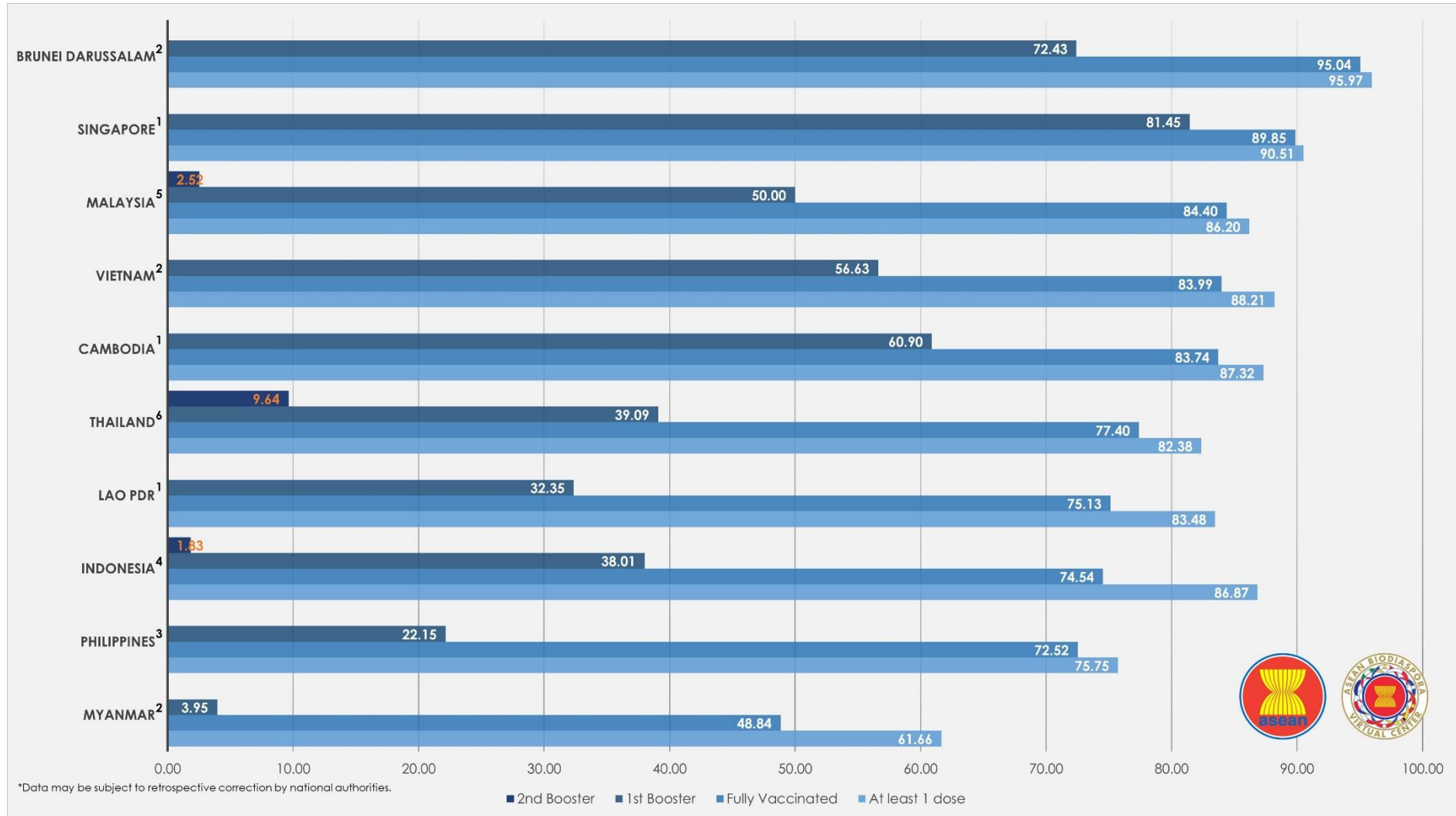
*Data from various references, cases may differ from how data is reported in countries and other authorities. Data may be subject to retrospective correction by national authorities.

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



ASEAN COVID-19 Vaccination Status

as of 21 June 2023

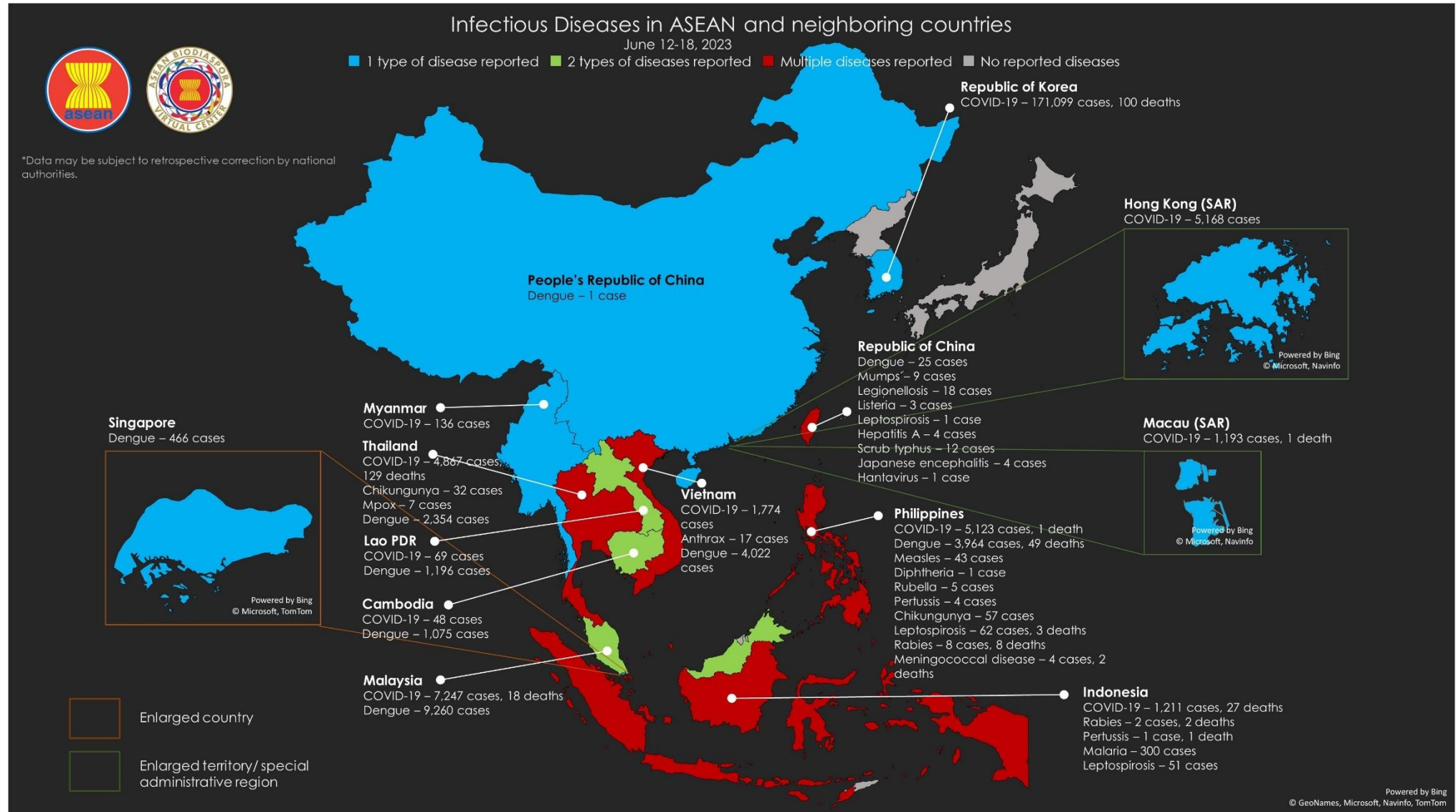


1. World Health Organization, Coronavirus (COVID-19) Dashboard, accessed June 21, 2023, <https://covid19.who.int/>
2. Bluedot API Portal, accessed June 21, 2023, <https://developer-portal.bluedot.global/>
3. Department of Health Philippines, National COVID-19 vaccination dashboard accessed June 21, 2023, <https://doh.gov.ph/covid19-vaccination-dashboard>
4. Ministry of Health Indonesia, "Vaccine Dashboard, June 21, 2023, <https://vaksin.kemkes.go.id/#/vaccines>
5. Ministry of Health Malaysia, COVID-19 vaccination, accessed June 21, 2023, <https://data.moh.gov.my/covid-vaccination>
6. Ministry of Public Health Thailand, COVID-19 Vaccination Infographic, accessed June 21, 2023, <https://dashboard-vaccine.moph.go.th/>



Reported Infectious Diseases in ASEAN Region and Neighboring Countries

From June 12-18, 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

Pertussis

- **Indonesia:** A 3-month-old baby in Patal Village, Lumbis District, Nunukan, North Kalimantan, has died due to suspected pertussis (Utomo, 2023). The baby was rushed to the Pustu and later referred to Malinau Hospital. During this time, the baby's fever did not subside, and the frequency of coughing increased, eventually developing into whooping cough. Symptoms of pertussis, also known as whooping cough, are typically characterized by a mild cough, runny nose, and flu-like fever. At the hospital, the baby continued to experience a persistent fever, and the cough intensified, progressing into whooping cough. This severe coughing is believed to have hindered the baby's ability to breathe properly due to the distinct whooping sound it produces. [\[Full article\]](#)

Rabies

- **Indonesia:** A 5-year-old girl from Pangkung Paruk Village, Seririt District, Buleleng Regency, Bali Province, tragically died as a result of being bitten by her pet dog who was infected with Rabies (Juniasa, 2023). Her parents immediately took her to the nearest hospital, but she contracted the Rabies virus and her life could not be saved. This tragic incident is a warning to the public about the importance of vaccinating pets against Rabies Virus and the safety measures to be aware of when interacting with them. Even though pet dogs can be loyal and fun friends, supervision and control are still needed for rabies vaccination to be appropriate. [\[Full article\]](#)

Japanese encephalitis

- **Philippines:** The Iloilo Provincial Health Office (IPHO) has urged the public to observe the 4S strategy after 14 laboratory-confirmed cases of Japanese encephalitis, including four deaths, from January 1 to June 3 (Lena, 2023). The case fatality rate is high, with permanent psychiatric complications occurring to 30-50% of those who survived. Out of the 78 specimens submitted to the Western Visayas Medical Center sub-national laboratory, 14 were confirmed cases. Nine cases were in the 4 to 10 age group, two each for the 11 to 20, 21 to 30, and one was less than a year old. The disease is transmitted through bites of infected Culex or bigger mosquitoes that thrive in rice-growing and pig-farming areas. The 4S strategy consists of search and destroy breeding places, observe self-protection measures, seek early consultation, and say "yes" to fogging. The provincial government is strengthening surveillance and monitoring, and conducting vector surveys in affected areas. The office encourages houses with cases of Japanese encephalitis to do indoor spraying. [\[Full article\]](#)

Anthrax

- **Vietnam:** Anthrax, a disease transmitted from animals to humans, has infected 14 people in Dien Bien, Ha Giang, Lai Chau, Son La, Cao Bang, and Lao Cai provinces since June 2023 (Dan Viet, 2023). The Department of Animal Health (MARD) has requested urgent vaccination, veterinary management, and education to prevent the spread of the disease. The disease is classified as an epidemic declaration, diseases transmitted between animals and humans, and animal diseases banned from slaughter and treatment. The risk of anthrax spreading to other provinces is high due to the lack



of vaccination against cattle. To control the spread, the MARD has requested the provincial departments to focus on handling and destroying diseased livestock, clean, disinfect, and control the transportation of cattle and meat from the epidemic area to outside areas. Other measures include organizing vaccination, educating people about the signs and dangerous nature of anthrax, not arbitrarily transporting or slaughtering cattle, not allowing people to eat meat from infected cattle, notifying local authorities and veterinary agencies, instructing people and participants to use personal protective equipment, apply biosecurity measures, advise competent authorities to announce epidemics, and strengthen clinical surveillance for early detection.



Dengue Cases in ASEAN Region

From January 1 to June 21, 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	1,075	4 ²	0.20%
Indonesia	35,964 ¹	0	270 ¹	0.75%
Lao PDR	2,517 ²	1,196	0 ¹⁻²	0.00%
Malaysia	46,257 ²	9,260	31 ²	0.06%
Myanmar	1,717 ¹	0	7 ¹	0.41%
Philippines	58,444 ³	3,964	203 ³	0.35%
Singapore	3,323 ²	466	0 ²	0.00%
Thailand	13,987 ²	2,354	17 ¹	0.12%
Vietnam	33,695 ²	4,022	8 ²	0.02%
Total	198,955	22,337	541	0.27%

1. BlueDot Developer Portal, accessed June 21, 2023, <https://developer-portal.bluedot.global/>.
 2. Asian Dengue Voice and Action, "Asian Dengue Dashboard," accessed June 21, 2023, <https://www.adva.asia/asian-dengue-dashboard/>.
 3. Department of Health Website, accessed June 21, 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 **22,337** new dengue cases in Cambodia, Lao PDR, Malaysia, the Philippines, Singapore, Thailand, and Vietnam since the previous report. The region reported **152,923** total cases and **419** total deaths in 2023 with **0.28%** CFR.



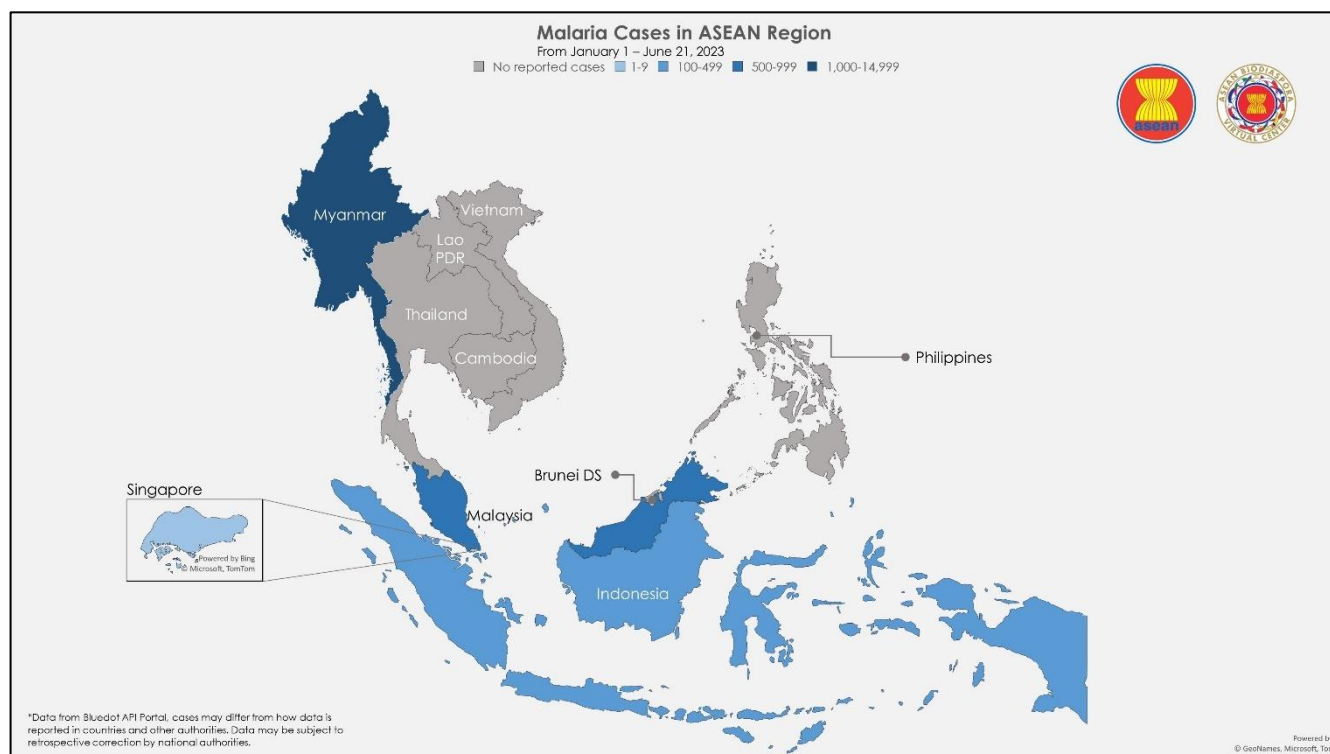
Dengue

- **Cambodia:** PHNOM PENH (The Phnom Penh Post/Asia News Network): As the first 21 weeks of the year saw more than three times the number of dengue fever cases recorded than in 2022, the Ministry of Health has issued preventative measures to the public and authorities at all levels across the kingdom. A total of 3,439 cases have been recorded so far this year, including five fatal cases. The same period last year saw just 1,140 cases, one of them fatal. The June 13 instructions noted that national dengue surveillance systems have recorded a significant increase of transmissions, most notably in populous provinces with more construction sites.
- **Lao PDR:** Dengue cases in Laos have risen to 4,095 since January 2023, according to data released by the Lao PDR Ministry of Health (The Star Online, 2023). The highest number of cases was reported in Oudomxay province with 807 cases, followed by Khammuan province with 638 cases, Xayaboury province with 375 cases, and Vientiane with 359 cases. The Lao Ministry of Health urged people to remain vigilant and clear potential mosquito breeding sites around their homes and workplaces to curb the spread of dengue fever. Government administration bodies at all levels are encouraged to participate in dengue prevention activities. [[Full article](#)]
- **Philippines:** The Department of Health (DOH) has warned the public to be cautious of dengue, particularly during the rainy season (Cheng, 2023). The DOH recorded 51,323 dengue cases from January 1 to May 20, 2023, a 30% increase from the same period in 2022. The number of deaths this year was 176, compared to 212 in the same period a year ago. In Metro Manila, there were 5,726 cases of dengue admitted from January 1 to May 20, 2023, 68 percent higher than the same period in 2022. Health Undersecretary Eric Tayag advised practicing the 4S strategy to protect against mosquito bites, including sweeping up and destroying mosquito-infested areas, wearing long sleeves, using insect repellent, mosquito nets, consulting the nearest hospital, and supporting fogging or spraying in hotspots. Dengue symptoms include high fever, vomiting, and body aches. The DOH also reported 70,275 cases of influenza-like illnesses from January 1 to May 20, 2023, a 114 percent increase from the same period in 2022. The agency encourages vaccination against various diseases, including diphtheria, measles, rubella, neonatal tetanus, non-neonatal tetanus, and pertussis. [[Full article](#)]
- **Thailand** has seen an alarming rise in dengue fever cases, with more than 19,000 infections and 17 deaths recorded since Jan 1 (Bangkok Post, 2023). The infection rate was at least 4.2 times higher than last year, with most cases found in Bangkok, Trat, Nan, Chanthaburi, Rayong and Mae Hong Son. Children aged 5-14 were the worst-hit age group, followed by young people aged 15-24. Dr Thares Krasanairawiwong, director-general of the Department of Disease Control, put the total number of infections so far this year at 19,503. Anyone who thinks they may be infected should seek medical attention. [[Full article](#)]



Malaria Cases in ASEAN Region

From January 1 to June 21, 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	6 ⁴	0	-	0.00%
Thailand	-	-	-	-
Vietnam	-	-	-	-
Total	5,735	0	0	0.00%

4. BlueDot Developer Portal, accessed June 21, 2023, <https://developer-portal.bluedot.global/>.

- The region reported **5,735** total cases and **0** total deaths in 2023 with **0.00%** CFR.



Malaria

- **Indonesia:** The Head of Provincial Health Office in Riau, Indonesia, mentioned that the trend of malaria cases in Riau from 2018 to 2020 tends to increase (A'araf, 2023). He further stated that 95 percent of the total malaria cases in Riau, amounting to 1,717 cases, occurred in the Rokan Hilir (Rohil) district, with the majority of cases concentrated in Panipahan District. Additionally, as of May 2023, the recorded malaria cases in Rohil had reached 300. It is worth noting that in 2018, there were 74 cases of malaria reported in Riau. [[Full article](#)]



Measles Cases in ASEAN Region

From January 1 to June 21, 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	682 ⁶	43	2 ⁶	0.29%
Singapore	5 ⁵	0	-	0.00%
Thailand	73 ⁵	0	-	0.00%
Vietnam	-	-	-	-
Total	2,921	43	19	0.65%

5. BlueDot Developer Portal, accessed June 21, 2023, <https://developer-portal.bluedot.global/>.

6. Department of Health Website, accessed June 21, 2023 "Statistics," June 3, 2023, <https://doh.gov.ph/statistics>.

- ASEAN region reported **43** new measles cases in the Philippines since the previous report. The region reported **2,921** total cases and **19** total deaths in 2023 with **0.60%** CFR.



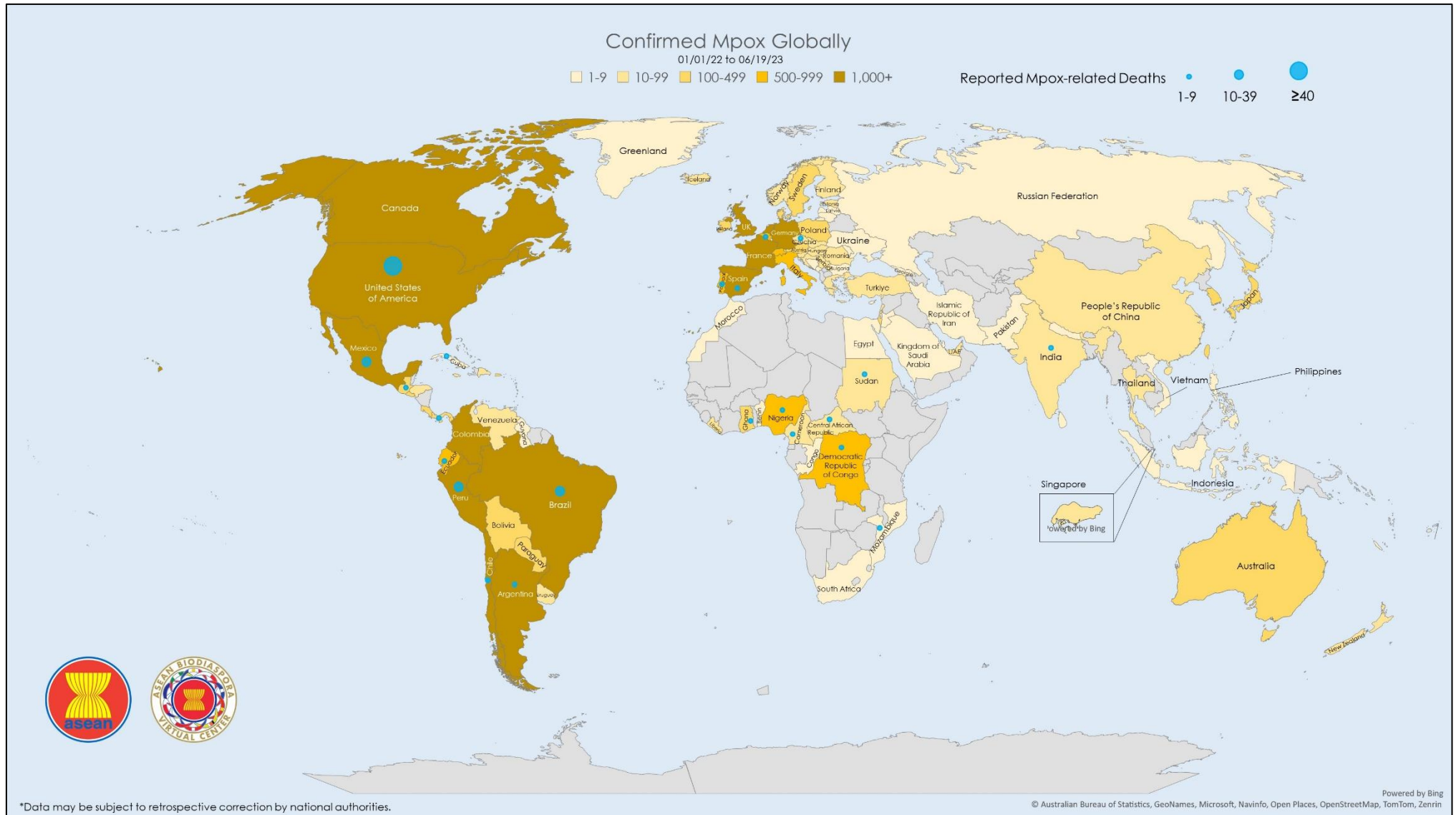
Measles

- **Philippines:** The Department of Health (DOH) reported that 623 measles cases were recorded across the country from January 1 to May 20, which is 339 percent higher than the 142 cases recorded during the same period last year (Naval, 2023). Zamboanga Peninsula had the highest number of measles cases, followed by Central Visayas with 81, Central Luzon with 62, and National Capital Region with 61. Soccsksargen had the highest year-to-year increase, followed by Eastern Visayas with 1,300%, Caraga with 1,167%, and Central Luzon with 1,140%. Two deaths due to measles have already been reported this year for a case fatality rate of 0.32 percent. The DOH conducted a massive measles-rubella immunization drive from May 1 to June 15, which has already given MR shots to 8,121,492 children, or 83.69 percent of the target 9,704,231 children 9-59 months old. [\[Full article\]](#)



Mpox Cases Reported Globally

Data reported as of June 19, 2023

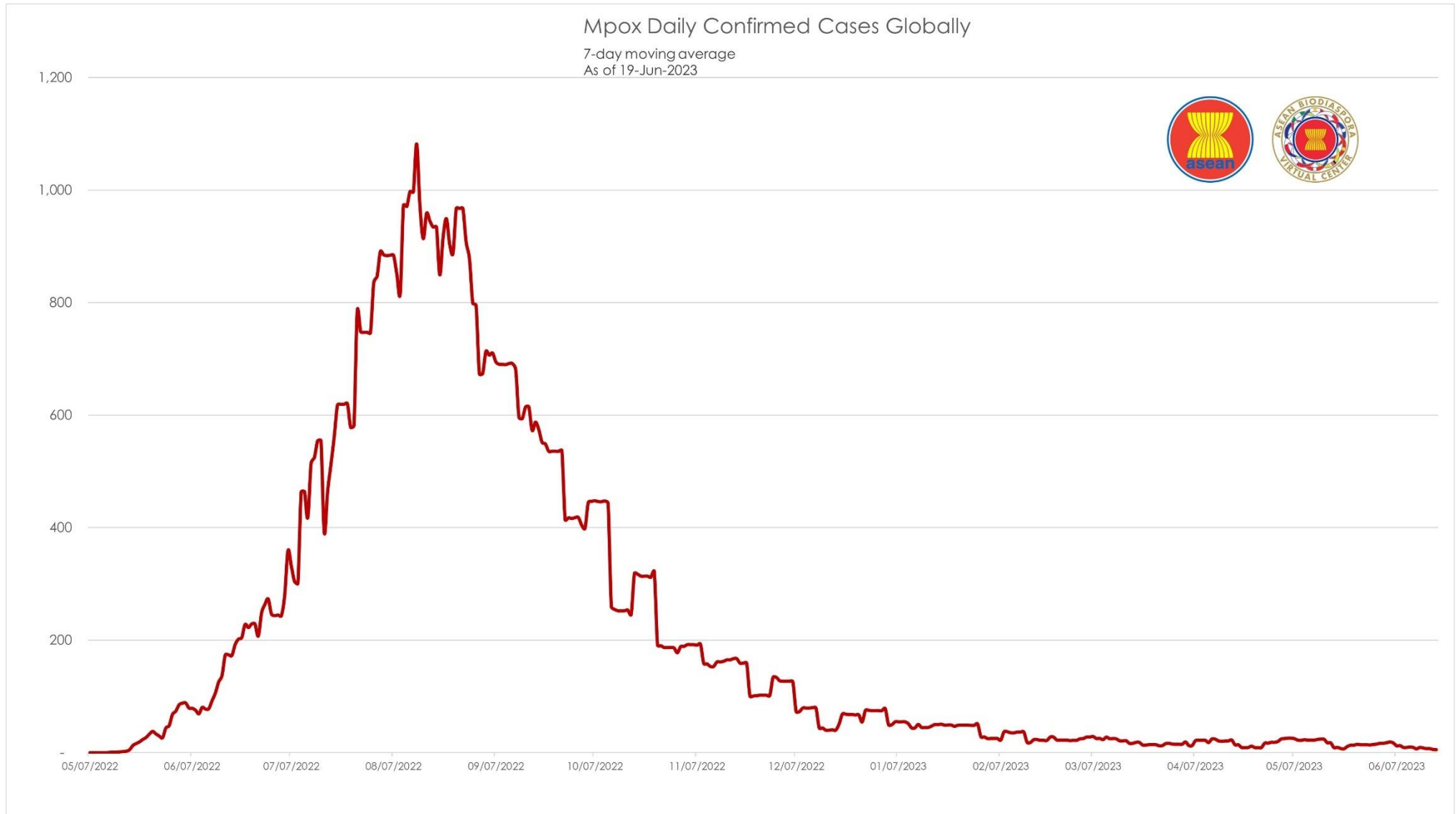


*Data may be subject to retrospective correction by national authorities.
Edouard Mathieu et al., "Mpox (Monkeypox)," Our World in Data, accessed June 21, 2022, <https://ourworldindata.org/monkeypox>.



Mpox Daily Trend Globally

Data reported as of June 19, 2023



Edouard Mathieu et al., "Mpox (Monkeypox)," Our World in Data, accessed June 21, 2022, <https://ourworldindata.org/monkeypox>.



Mpox: Highlights and Situation Overview

- Latest update as of 19 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	56	4	-	0.00%
Vietnam	2	-	-	0.00%
ASEAN Total	89	4	-	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	181	12	-	0.00%
Nepal	1	1	-	0.00%
New Caledonia	1	-	-	0.00%
New Zealand	41	-	-	0.00%
People's Republic of China*	11	-	-	0.00%
The Republic of China*	149	-	-	0.00%
The Republic of Korea*	104	-	-	0.00%
Sri Lanka	4	-	-	0.00%
Asia-Pacific Total	659	13	1	0.15%

*People's Republic of China – China, Hong Kong (SAR), and Macao (SAR); Republic of China – Taiwan, Republic of Korea – South Korea

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	24	42	0.14%
Brazil	10,950	1	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	1,775*	-	22	1.24%
AMERICAS	59,450	31	117	0.20%
ASEAN	89	4	-	0.00%
ASIA PACIFIC	646	13	1	0.15%
EUROPE	25,641	2	7	0.03%
MIDDLE EAST	327	-	-	0.00%
TOTAL	87,972	50	147	0.17%

Edouard Mathieu et al., "Mpox (Monkeypox)," Our World in Data, accessed June 21, 2022, <https://ourworldindata.org/monkeypox>.

*Corrected cases from Our World in Data, deducted 57 cases from previous report.



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