

COVID-19, Monkeypox, and Other Infectious Diseases

Situational Report in the ASEAN+3 Region

—— ASEAN BioDiaspora Virtual Center (ABVC)

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COVID-19: Highlights and Situation Overview

Global Update

- **Worldwide**, there have been over 619 million cases and over 6 million deaths attributed to COVID-19.
- **EU**: The coronavirus pandemic is regarded as "ongoing" by the European Medicines Agency, while Germany plans to introduce booster doses tailored to combat the omicron strain.⁷ The COVID-19 epidemic is still "ongoing," according to the European Union's pharmaceuticals authority, who also noted that the speed of a planned vaccine campaign will pick up as winter approaches, despite decreased infection and mortality rates.⁷ The first vaccination that particularly targets the coronavirus omicron variant's extremely contagious BA.4 and BA.5 kinds was licensed by EMA last week.⁷ The vaccine was authorized by the FDA watchdog 11 days after Pfizer and Moderna's vaccinations against the omicron BA.1 variant.⁷ It also targets "the original strain of SARS-CoV-2."⁷ [\[Full Article\]](#)

Regional Update

- **Brunei**: Starting on September 20, there is no longer a restriction on the number of visits per patient in Brunei's hospitals.⁸ At the most recent weekly briefing, the nation's health minister, Haji Mohd Isham, stated that a patient may have two visitors present at once.⁸ Each visitor must present a COVID-19 antigen rapid test (ART) result that is negative on the same day.⁸ Patients in the isolation unit or holding ward cannot have visitors.⁸ Nevertheless, it depends on the evaluation and appropriateness of the patient's condition whether a caregiver can be present with the patient.⁷ Additionally, visitors under the age of 12 are not permitted.⁸ According to the health minister, Brunei reported a minor rise in new COVID-19 cases last week, with an average daily count of roughly 215 cases as opposed to 179 instances each day the week prior.⁸ [\[Full Article\]](#)
- **Cambodia**: The Ministry of Health spokeswoman Or Vandine said it is important to maintain caution because the virus has mutated into 40 or 50 main variants.⁹ Despite the fact that scientists have developed tools and strategies that have helped protect the Kingdom from a serious outbreak of COVID-19, including vaccines, medication, and preventive measures, Vandine said it is important to remain cautious.⁹ At a news conference on September 15 to discuss the ministry's accomplishments over the previous five years, Vandine—who is also the chairman of the national COVID-19 immunization committee—said this while outlining the ministry's long-term strategy for public health.⁹ Vandine reiterated her warnings to be cautious that the virus have an adverse impact on social interactions, public health, and the Kingdom's economy.⁹ [\[Full Article\]](#)
- **Indonesia**: Indonesia is on the right road in its efforts to reach the COVID-19 endemic stage, according to Erlina Burhan, director of the COVID-19 task group for the Executive Board of the Indonesian Medical Association (IDI).¹⁰ The World Health Organization (WHO), according to Burhan, who is also a member of the faculty of medicine at the University of Indonesia and works in the department of pulmonology and pulmonary medicine, recently declared that the COVID-19 endemic stage will soon be reached.¹⁰ She emphasized that before claiming that the nation has reached an endemic stage, a consistent drop in COVID-19 cases and fatalities and a high COVID-10 immunization rate are necessary.¹⁰ According to Burhan, the number of COVID-19 infections in Indonesia has significantly decreased compared to the scenario in July 2021, when the number of COVID-19 Delta variant infection cases spiked and daily casualties peaked at 2,000.¹⁰ [\[Full Article\]](#)

- **Philippines:** On September 20, the Department of Health (DOH) stated that it is "hopeful and positive" about the COVID-19 situation in the nation, but emphasized that only the World Health Organization (WHO) can determine if the pandemic has truly ended.⁶ The epidemic, which has plagued the whole world since 2020, "is in sight of an end," according to WHO chief Tedros Adhanom Ghebreyesus.⁶ The DOH is certain that a return to normalcy is achievable nonetheless.⁶ Despite the improvement in the nation's circumstances, Vergeire urged the populace to be vaccinated for COVID-19 and not to relax.⁶ [\[Full Article\]](#)
- **Thailand:** On Tuesday, the Thai public health ministry announced two statements that, effective of October 1, will shift COVID-19 from the list of "Dangerous Communicable Diseases" to the list of "Communicable Diseases Under Surveillance."¹¹ According to the statements, which were signed by Thailand's Public Health Minister Anutin Charnvirakul, the drop in infections, severe symptoms, and fatalities is what caused COVID-19 to be downgraded.¹¹ According to deputy government spokeswoman Trisulee Trisaranakul, the Center for COVID-19 Situation Administration will convene on September 23 to assess the situation and talk about steps that the people may take to start living normally in the post-pandemic era.¹¹ [\[Full Article\]](#)
- **Hong Kong (SAR):** The Hong Kong administration declared on Tuesday, September 20, that it will continue the present social segregation policies from September 22 to October 5.⁵ On cars and in some public locations, residents must wear masks, and groups of more than four persons are not allowed.⁵ According to the statement, these regulations are still in effect.⁵ In Hong Kong, anyone 12 and older must presently present proof of immunization to access restaurants, shopping centers, supermarkets, and sporting venues.⁵ The administration also reaffirmed that, starting on September 30, children between the ages of five and eleven will be eligible for the vaccination pass program.⁵ Before they may visit the location where the vaccine pass is valid, they must obtain at least one dosage of the new vaccine.⁵ [\[Full Article\]](#)

Vaccine Update

- **Japan:** In an effort to stop the country's continuing seventh wave of COVID-19 infections, Japan started distributing vaccinations against the Omicron coronavirus strain on September 20.¹² Priority will be given to people who are 60 years of age or older and healthcare professionals who have not yet received their fourth vaccination.¹² Starting around mid-October, everyone older than 12 who has received at least two vaccinations will also be eligible.¹² Additionally, as of late October, the government intends to begin workplace vaccines.¹² The introduction of the new vaccinations coincides with a continued decline in national infection rates since their high in August.¹² By the end of the year, in advance of the highly contagious year-end and New Year's season, the central government intends to offer the free injections to everyone who requests them.¹² The timetable may be advanced at the discretion of local administrations.¹² The health ministry of Japan this week approved the manufacturing and distribution of the boosters, which are created by American pharmaceutical companies Pfizer Inc. and Moderna Inc. and are suited to the BA.1 subvariant.¹² [\[Full Article\]](#)

Cases and Deaths as of 21 September 2022

- As of 21 September 2022 (2PM, GMT+8), worldwide, there were **619,229,226** confirmed cases, including **6,544,209** deaths. Globally, Case Fatality Rate (CFR) was **1.1%**.
- 87,615,770 confirmed cases** of COVID-19 have been reported in the **ASEAN +3** countries including **34,368,601 cases** in the ASEAN region and **53,247,169 cases** in the PLUS THREE countries.
- The Case Fatality Rate in the **ASEAN +3** region is range between **0.1 to 3.2%**.
- There have been no tests reported in the last 14 days in the **ASEAN** Region.

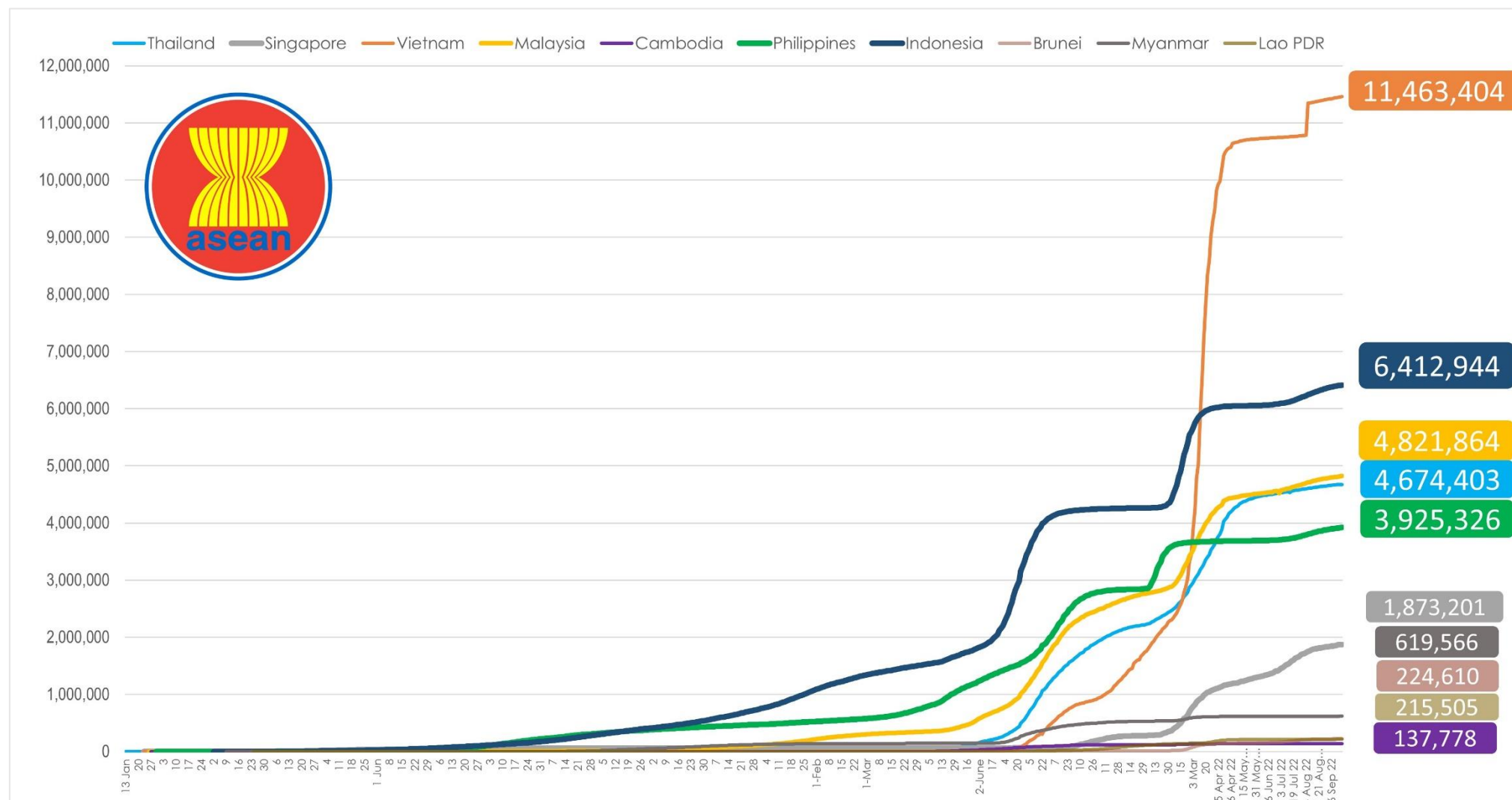
REGION	COUNTRY	FIRST CONFIRMED CASE(S)	LATEST REPORT ON CONFIRMED CASE(S)	TOTAL CONFIRMED CASES	NEW CASES	TOTAL DEATHS	NEW DEATHS	CUMULATIVE CASES/ 100,000	CUMULATIVE VACCINATED	CUMULATIVE FULLY VACCINATED	CUMULATIVE BOOSTERED	FULLY VACCINATED/ 100
ASEAN REGION	Brunei	10 Mar 20	20-Sep-22	224,610	-	225	-	51,839	449,429	444,412	333,420	99.8
	Cambodia	27 Jan 20	20-Sep-22	137,778	7	3,056	-	836	15,172,499	14,513,433	10,038,861	87.5
	Indonesia	02 Mar 20	20-Sep-22	6,412,944	2,518	157,930	15	2,370	203,882,351	170,498,655	61,936,549	62.3
	Lao PDR	24 Mar 20	20-Sep-22	215,505	57	758	1	3,006	5,888,649	5,222,417		70.3
	Malaysia	25 Jan 20	20-Sep-22	4,821,864	1,667	36,324	7	15,092	28,099,106	27,504,017	16,722,174	81.9
	Myanmar	23 Mar 20	20-Sep-22	619,566	399	19,450	2	1,146	34,777,314	27,545,329	2,227,351	51.2
	Philippines	30 Jan 20	20-Sep-22	3,925,326	1,599	62,620	33	3,631	77,253,008	72,568,579	18,095,217	63.7
	Singapore	23 Jan 20	20-Sep-22	1,873,201	1,309	1,608	1	32,843	5,024,384	5,004,693	4,297,217	91.8
	Thailand	13 Jan 20	20-Sep-22	4,674,403	774	32,658	15	6,714	56,982,378	53,446,474	31,966,448	74.6
	Vietnam	23 Jan 20	20-Sep-22	11,463,404	3,177	43,142	1	11,884	89,618,505	83,666,271	68,087,543	85.8
	ASEAN COUNTRIES			34,368,601	11,507	357,771	75	129,359	517,147,623	460,414,280	213,704,780	
ASEAN PLUS THREE	South Korea	20-Jan-20	20-Sep-22	24,461,737	47,864	27,891	24	47,306	45,110,904	44,674,632	40,954,379	86.2
	Japan	16-Jan-20	20-Sep-22	20,773,273	31,747	43,522	127	16,452	104,192,020	102,778,684	114,745,321	82.5
	China	31-Dec-19	20-Sep-22	8,012,159	50,425	25,744	32	49,441	1,331,899,044	1,298,137,620	831,006,948	87.5
	PLUS THREE COUNTRIES			53,247,169	130,036	97,157	183	113,200	1,481,201,968	1,445,590,936	986,706,648	
			ASEAN +3	87,615,770	141,543	454,928	258	242,559	1,998,349,591	1,906,005,216	1,200,411,428	

- 531,613,456 confirmed cases** of COVID-19 have been reported in **5 continents** (other than ASEAN +3 countries):

CONTINENT	TOTAL CONFIRMED CASES	NEW CASES	TOTAL DEATHS	NEW DEATHS	CUMULATIVE CASES/ 100,000	CUMULATIVE VACCINATED	CUMULATIVE FULLY VACCINATED	CUMULATIVE BOOSTERED
AFRICA	12,893,903	192	258,520	-	251,027	397,795,400	314,228,691	49,362,568
AMERICAS	180,621,282	18,286	2,867,038	174	1,172,267	822,207,243	721,437,723	470,195,305
ASIA PACIFIC	85,206,761	5,027	749,250	20	472,472	1,442,896,445	1,332,204,612	359,877,613
EUROPE	230,489,221	184,681	1,976,597	321	1,983,010	565,430,910	536,913,612	350,756,451
MIDDLE EAST	22,402,289	4,570	237,876	31	210,494	143,629,400	128,992,876	58,933,580
TOTAL	531,613,456	212,756	6,089,281	546	4,089,269	3,371,959,398	3,033,777,514	1,289,125,517

COVID-19 Epi curve among ASEAN Countries:

From January 1, 2021 to September 20, 2022

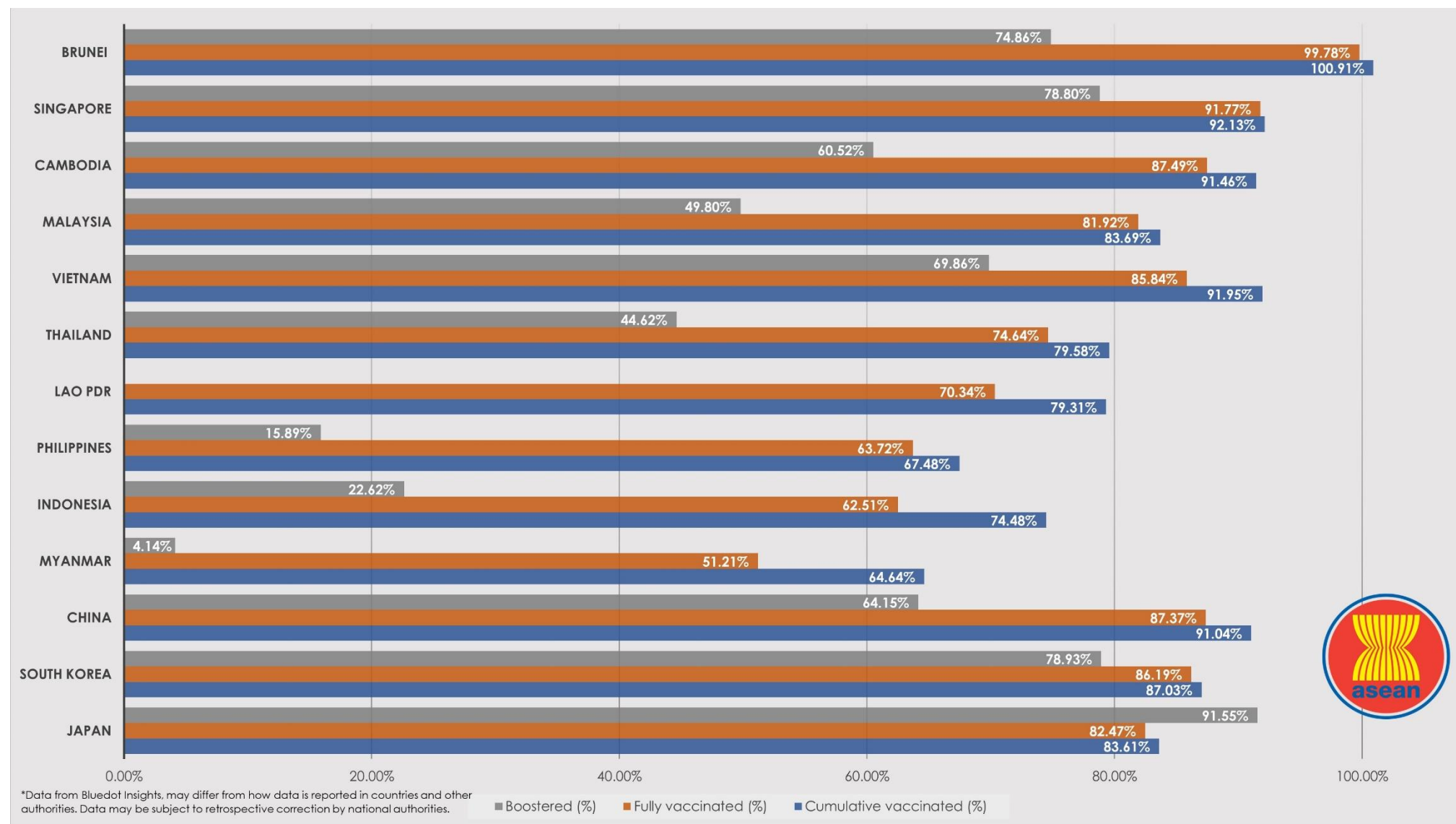


Cumulative cases of COVID-19 in the ASEAN Region as of September 20, 2022 (Report generated by ASEAN Biodiaspora Virtual Center)

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


COVID-19 Vaccination Status

as of 20 September 2022



COVID-19 Outlook Assessment

as of 19 September 2022

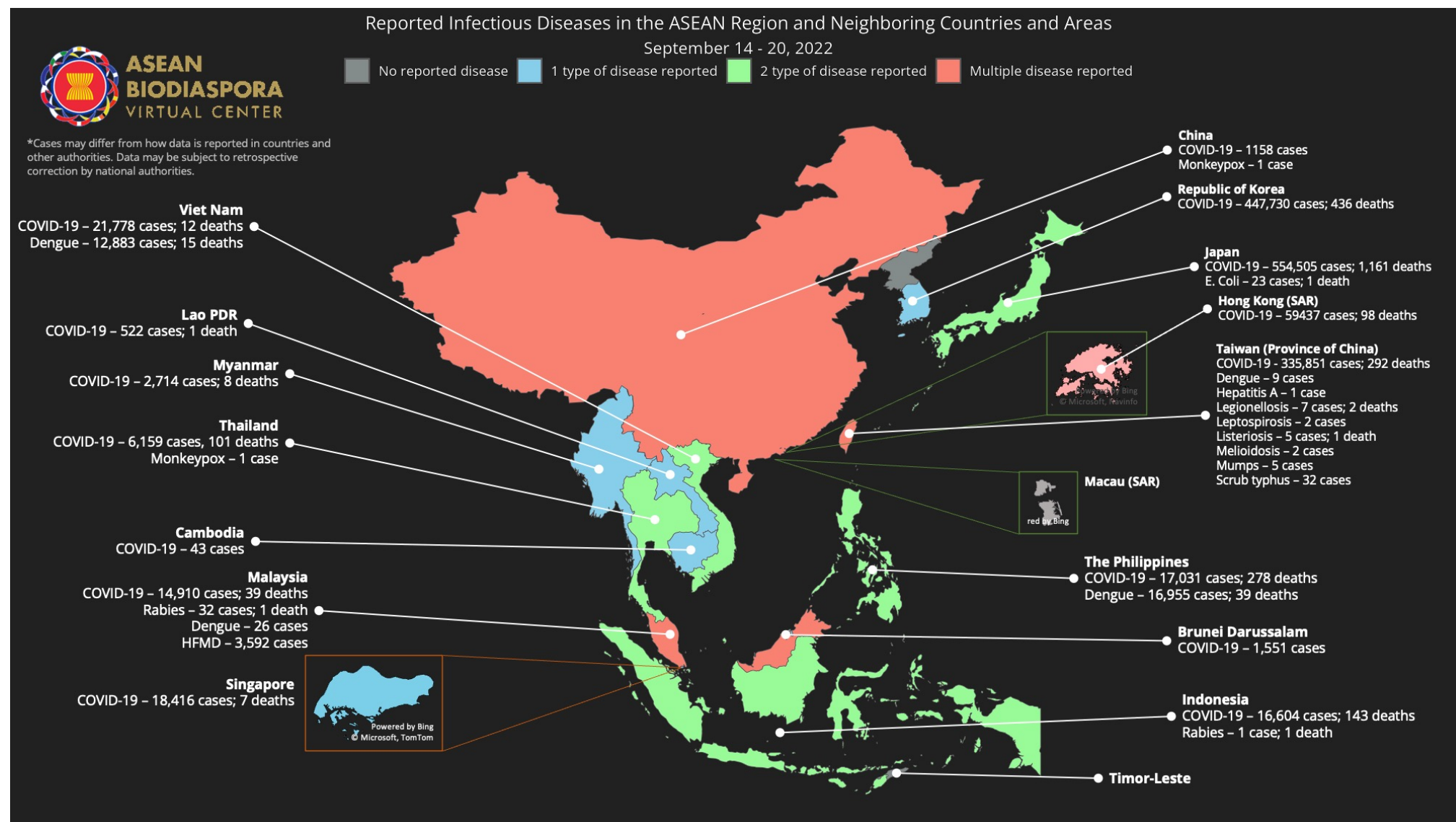
 ASEAN MEMBER STATE	At least 65% of the total population has a level of immunity to COVID-19; either recovered from COVID-19 or have been vaccinated with at least one dose of a COVID-19 vaccine.		Case levels are generally low (a 7-day rolling average number of daily new cases that is <10 cases per 100,000, with each day's past-14-day test positivity is consistently <5%).		Government Policy on containment and health (strictness and comprehensiveness in COVID-19 related government policies)
	% of Total population fully vaccinated / boosted	Population vaccinated/ day (7-day average)	Daily cases/ 100,000	Test positivity last 14 days	Containment and health index score -Oxford COVID-19 Government Response Tracker (OxCGRT)
Brunei	≥90.0/74.9	Unknown	51.14	Unknown	31.0/100
Cambodia	≥90.0/60.2	Unknown	0.04	Unknown	31.5/100
Indonesia	65.5/22.6	Unknown	0.87	Unknown	54.2/100
Lao PDR	77.3/ND	Unknown	0.98	Unknown	61.6/100
Malaysia	84.4/49.8	0.01%/day	5.39	Unknown	51.8/100
Myanmar	52.1/4.1	Unknown	0.52	Unknown	69.1/100
Philippines	70.2/15.9	Unknown	1.87	Unknown	55.4/100
Singapore	88.8/78.8	0.01%/day	38.14	Unknown	58.9/100
Thailand	77.6/44.5	0.01%/day	1.33	Unknown	31.5/100
Vietnam	≥90.0/69.9	Unknown	2.75	Unknown	43.5/100
Japan	81.2/≥90.4%	0%/day	62.17	Unknown	42.9/100
South Korea	86.5/78.9	0%/day	105.82	Unknown	38.1/100
China	≥90.0/56.5	Unknown	0.014	Unknown	84.5/100

All of the countries have achieved the estimated high-risk population fully vaccinated of ≥90.0% except China with 35.1%.

All of the countries have achieved the Population vaccinated/ day (7-day average) except Vietnam

Infectious Diseases in ASEAN+3 Region

From September 14-20, 2022



Infectious Diseases Other than COVID-19 and Monkeypox in ASEAN+3 Region

September 14-20, 2022

Infectious Disease Updates

Dengue

- **Philippines:** 15 September 2022 (ABS CBN News) The number of dengue cases in the Central Visayas region has reached more than 13,200 this year, the latest health bulletin from the Department of Health in Region 7 showed. According to DOH-7 data, there are now 13,263 dengue cases for the whole region from January up to the second week of September this year. The number marked an increase of more than 1,000 new cases from August 20. Cebu province still has the most number of cases at 5,291 and 32 deaths followed by Cebu City which now has 2,373 cases with deaths remaining at 25. Bohol province has 1,960 cases and one death, while Negros Oriental has 1,484 cases and six deaths. The component cities of Lapu-Lapu City and Mandaue have 1,340 and 708 cases respectively. Siquijor province has 107 cases with no deaths since the start of 2022. Despite the increase, no local government unit has recommended to place their areas under an outbreak declaration.
- **Malaysia:** 19 September 2022 (harianekspres) Kota Kinabalu: People are urged to spend at least 10 minutes a week cleaning their home areas to eliminate mosquito breeding grounds. The call was made by the Sabah Health Department through their official Facebook page on Sunday. This follows an increase in dengue cases with the latest figures being 3,833 cases and three deaths as of Sept 17, he said. The department said that apart from taking 10 minutes to clean up such as removing stagnant water that may accumulate in pots or buckets, people should also ensure that their rubbish is properly cleaned. Dengue patients are at risk of death if they experience severe symptoms and complications. According to the department's report, Kota Kinabalu recorded the highest number of 997 cases, followed by Sandakan with 947 cases, Tawau with 335 cases, Lahad Datu with 277 cases and Putatan with 269 cases. Other districts with three cases are Semporna (233), Penampang (160) and Papar with 147 cases. The districts that recorded between 20 and 60 cases are Tuaran (56), Sipitang (54), Kota Belud (45), Kuala Penyu (40), Beaufort (37), Kudat (37), Tenom (29), Kinabatangan (27), and Keningau 23. Ranau, Kota Marudu, Beluran, Kunak, Nabawan, Pitas and Tongod recorded between 13 and 19 cases. There were also three dengue cases reported in Tambunan. A total of 12 places have been identified as the latest hotspots and they are Taman Mesra, Taman Mawar Phase 1, Taman Damai, Kampung Bahagia, Taman Mawar Phase 4, Taman Indah/Indah Jaya Phase 1, Kampung Tinusa II Laut, and Tinusa Dua (Land), all in Sandakan. Hot spots in Kota Kinabalu are at Kepayan police headquarters and Kg Warisan Phase 1, Kg Sarip in Lahad Datu and Kg Meruntum Phase 1 in Putatan. Six areas were also marked with uncontrolled dengue outbreaks including Kg Batu Putih, Taman Megah, Taman Sri Rimba Gaya and Kampung Tinusa 1 in Sandakan, Kg Likas Lorong Koruk in Kota Kinabalu and Taman Bayview Teluk Vila in Putatan.
- **Vietnam:** 19 September 2022 (Outbreak News) Vietnam officials are now reporting 211,388 cases of dengue fever and 87 deaths. Compared with the same period last year, the number of cases and deaths both increased. In Hanoi, according to the Center for Disease Control (CDC) Hanoi, in the past week, the number of dengue fever cases continued to increase compared to the previous week. From the beginning of the year to September 16, Hanoi recorded 3,023 cases of dengue fever (an increase of 4.5 times compared to the same period last year), including 4 deaths. Since the beginning

of 2022 until now, Hanoi has recorded 311 outbreaks in 28 districts. Currently, there are 118 active outbreaks in 26 districts, of which 2 active outbreaks with many patients are the outbreak in Vuc village, Thanh Liet commune, Thanh Tri district (with 55 patients) and the village cluster. Bung, Phung Xa commune, Thach That district (with 56 patients). It is forecasted that the number of dengue fever cases in Hanoi will continue to increase in the near future due to the peak of the epidemic season.

- **Taiwan:** 18 September 2022 (Outbreak News) In a follow-up on the locally-transmitted dengue fever situation in Taiwan, the Centers for Disease Control (CDC) announced Friday a new case of local dengue fever. The case, a male in his 40s living in Zuoying District, Kaohsiung City developed fever, muscle aches, and diarrhea on September 11, 2022, joint pain and other symptoms, went to the doctor and was hospitalized on September 12 and September 14 respectively, and was diagnosed with dengue fever after being notified by the hospital. The case is currently under observation in hospital. The Centers for Disease Control and Prevention stated that the case has no recent history of foreign travel, and the main venues of activities are the home in Zuoying District of Kaohsiung City and the work place in Fengshan District. According to the statistics of the CDC, there have been 18 local cases of dengue fever in Taiwan so far this year, including 16 cases in Kaohsiung City and 2 cases in Taichung City. In addition, 33 imported cases have been reported–Vietnam (20 cases), Indonesia (6 cases), the Philippines (2 cases), Singapore (2 cases), Thailand (1 case), Myanmar (1 case) and Honduras (1 case).

Rabies

- **Malaysia:** 17 September 2022 (Borneo Post Online) One death due to rabies was reported in Kampung Pichin here, disclosed Department of Veterinary Services (DVS) Sarawak director Dr Adrian Susin Ambud. Based on the information from Health Department Sarawak, this latest case involved a student from SMK Tebakang who passed away at Sarawak General Hospital recently, he said when contacted by *thesundaypost*'s sister Malay daily *Utusan Borneo*. When met by reporters at the Rabies Vaccination and Registration Programme in Serian Community Hall this morning, Dr Adrian said a total of 10 fatal rabies cases had been reported statewide this year to date. "There were also 32 positive cases for rabies reported statewide. Of the total number of positive cases, Kuching Division alone recorded 14 cases – consisting of two cases in Kuching district, seven in Padawan, three in Lundu, and two in Bau," he said, adding that the other cases comprised one each in recorded in Serian, Lubok Antu, Sarikei and Miri; three each in Sri Aman, Betong and Bintulu; and five in Sibiu. Moreover, he said the department had also marked 72 rabies-declared areas in Sarawak since 2017 and in this regard, it had been working hard to attain the zero-case target by 2025.
- **Indonesia:** 19 September 2022 (BULELENG , KOMPAS.com) Another case of dog bite has claimed a life in Buleleng Regency , Bali Province. A 7-year-old boy from Banjarasem Village, Seririt District, died of suspected rabies . The president director of the Buleleng Hospital, Putu Arya Nugraha, said the child died on Monday (12/9/2022) at around 20:20 WITA while being treated at the Buleleng Hospital. Previously, the victim was rushed to Buleleng Hospital, Monday at 13.15 WITA. "The patient was taken to the hospital during the day, and in the evening he was declared dead, at around 20.20 WITA," he said, confirmed Monday (9/19/2022).

Hand, Foot, and Mouth Disease (HFMD)

- **Malaysia:** JOHOR BAHRU: A total of 9,048 cases of hand, foot and mouth disease (HFMD) was reported in Johor from Jan 1 till last Friday (Sept 16), making it the sixth state to record the highest cumulative cases of the disease. State Health and Unity Committee chairman Ling Tian Soon (pic) said most of the cases occurred among children under

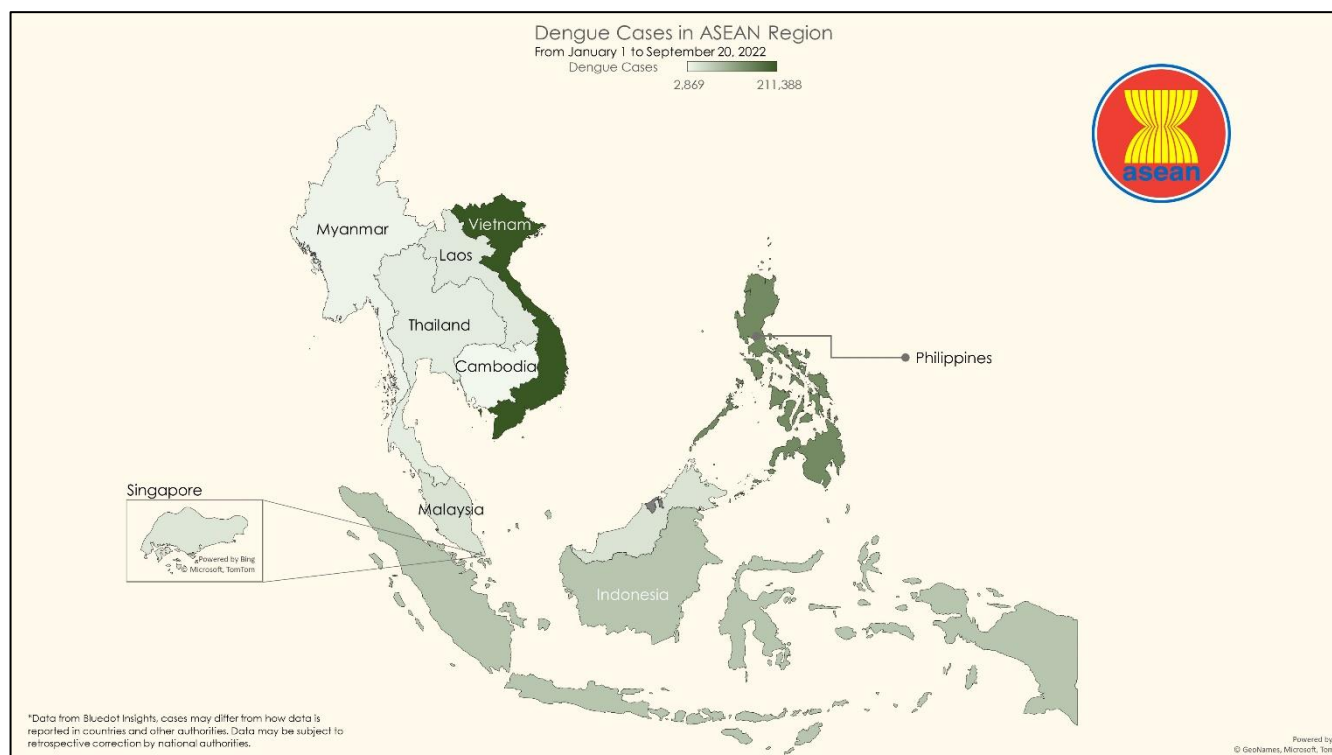
the age of six with 7,797 cases, followed by those aged seven to 12 (1,087 cases), and the rest over age 13. He said Johor Baru district recorded the highest number of cases at 3,143, Kluang (1,151), Tangkak (924), Batu Pahat (919), Segamat (810), Kota Tinggi (735), Pontian (592), Muar (343), Kulai (304) and Mersing (134). "So far, there are two active outbreaks of HFMD reported in the state, in Kulai and Johor Baru," he said in a statement on Monday (Sept 19).

Escherichia coli 0157

- **Japan:** 19 September 2022 (Outbreak News) Last Thursday, officials in Kyoto Prefecture reported a woman in her 90s had suffered from symptoms of diarrhea and abdominal pain after eating beef yukhoe sold by MEAT & FRESH TAKAMI, a meat dealer in Uji City. The woman had passed away, according to a Minyu-net report. Enterohemorrhagic E. coli O157 was detected in the woman's stool. In addition, 22 men and women between the ages of 9 and 87 who ate yukhoe and roast beef at this restaurant complained of similar symptoms, and E. coli O157 was detected in 12 people including asymptomatic people. The prefectural government determined that these foods were the cause of the food poisoning. On August 27, the deceased woman ate yukhoe sold as "rare steak" at home, and developed symptoms on September 2. She died in hospital on September 15th. The twenty-two other affected ate the meat between August 21-26.

Dengue Cases in ASEAN Region

From January 1, 2022 to September 20, 2022



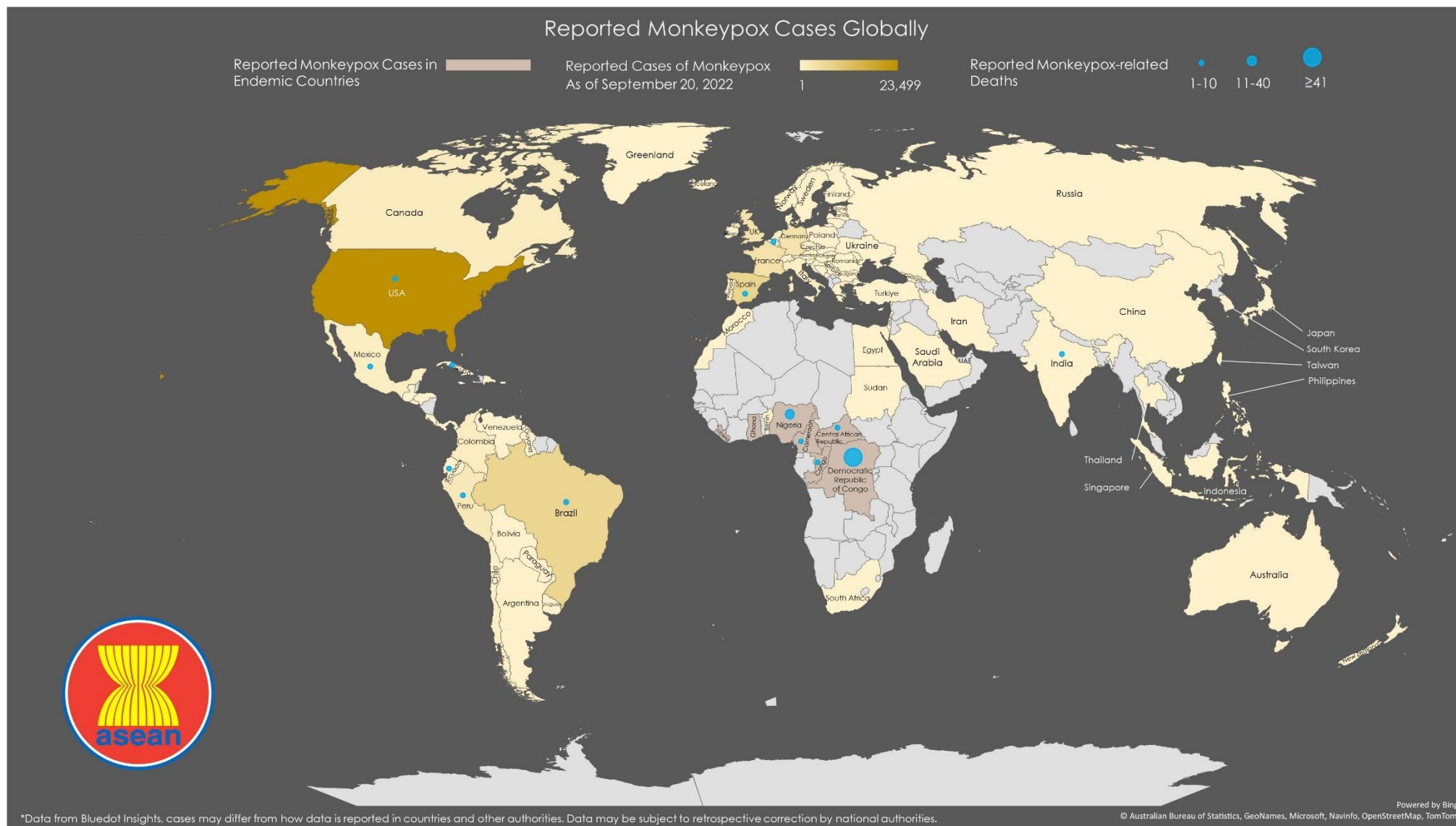
Dengue cases in ASEAN region

Country	Dengue Cases	New Cases in the Past Week	Deaths	Case Fatality Rate
Vietnam	211,388	21,383	87	0.04%
Philippines	145,341	16,995	461	0.32%
Indonesia	68,000	-	640	0.94%
Malaysia	29,838	26	13	0.04%
Singapore	26,774	1,107	-	0.00%
Laos	21,799	-	17	0.08%
Thailand	17,412	-	14	0.08%
Myanmar	7,835	-	31	0.40%
Cambodia	2,869	-	7	0.24%
Brunei	-	-	-	-
Total	534,125	39,511	1,270	0.24%

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

Monkeypox Cases Reported Globally

as of September 20, 2022



Monkeypox: Highlights and Situation Overview

- As of 19 September 2022 (2PM, GMT+8), worldwide, there were **65,581** confirmed cases, including **95** deaths. Globally, Case Fatality Rate (CFR) was **0.14%**.
- 45 confirmed cases** of Monkeypox have been reported in the **ASEAN+3** region composed of **32 cases** in the ASEAN region and **13 cases** in the PLUS THREE countries, with CFR of **0%**.
- 65,536 confirmed cases** of Monkeypox have been reported in other **5 regions** (other than ASEAN +3 countries):

Monkeypox cases in ASEAN+3 region

Region	Country	Total Cases	New Cases	Deaths	Case Fatality Rate
ASEAN	Singapore	19	-	-	0.00%
ASEAN	Thailand	8	-	-	0.00%
ASEAN	Philippines	4	-	-	0.00%
Plus Three	Japan	4	-	-	0.00%
Plus Three	Taiwan	4	-	-	0.00%
Plus Three	South Korea	3	-	-	0.00%
ASEAN	Indonesia	1	-	-	0.00%
Plus Three	China	1	-	-	0.00%
Plus Three	Hong Kong (SAR)	1	-	-	0.00%
ASEAN+3 Total		45	-	-	0.00%

Top 5 countries with most monkeypox cases globally

Region	Country	Total Cases	New Cases	Deaths	Case Fatality Rate
Americas	USA	23,499	0	2	0.01%
Europe	Spain	7,037	0	3	0.04%
Americas	Brazil	6,807	678	1	0.01%
Europe	France	3,898	0	-	0.00%
Europe	United Kingdom	3,558	6	-	0.00%

Monkeypox cases per region other than ASEAN+3

REGION	TOTAL CONFIRMED CASES SINCE JANUARY 1, 2022	NEW CASES SINCE THE PREVIOUS REPORT	TOTAL DEATHS	CASE FATALITY RATE
AFRICA*	3,691	8	83	2.25%
AMERICAS	37,537	1,927	7	0.02%
ASIA PACIFIC	152	6	1	0.66%
EUROPE	23,868	249	4	0.02%
MIDDLE EAST	288	0	-	0.00%
TOTAL	65,536	2,190	95	0.14%

Global Update

- **USA:** A possible case of monkeypox in a baby under two months old who was taken to a Florida hospital with a rash and cellulitis was reported to the Florida Department of Health (FDOH) in August 2022.² In this case study, the epidemiologic investigation's key findings are highlighted, and the public health measures that were implemented are described.² This is the youngest confirmed case of monkeypox in Florida to date.² The CDC assessed this activity and determined that it was performed in compliance with applicable federal law and CDC policy.² The newborn did not have a travel history, no history of acute illnesses in the three weeks before the rash appeared, no known immunocompromising diseases, attended no child care facility, and had no outside caretakers.² Before the rash appeared, the baby had daily close contact with caregiver B in the house for six weeks.² Shared bed linens and skin-to-skin contact during holding and routine care activities were two possible channels of transmission.² [\[Full Article\]](#)
- **Sudan:** Seven people have now been infected with the monkeypox virus, according to Sudan's announcement of five further cases on September 20.⁴ The provinces of West Darfur, North Darfur, and Kassala, as well as the capital city of Khartoum, were where the new cases were discovered, according to a statement from the Health Ministry.⁴ The statement gave no more information. West Darfur was home to the first patient with the virus and four of the seven cases that have been found in the country thus far.⁴ Long-running domestic wars, current political turmoil, as well as foreign isolation have all had a negative impact on Sudan's healthcare system.⁴ It would struggle to control a significant breakout of the new sickness.⁴ [\[Full Article\]](#)

Regional Update

- **Philippines:** The Department of Health (DOH) said on September 20 that the fourth case of monkeypox in the nation has been released from the hospital and is now being treated at home.³ The patient, a 25-year-old Filipino with no prior travel history to any nation with proven instances of monkeypox, was released from the hospital on September 15, according to a report from the DOH.³ On August 19, this person had a PCR test at the DOH-RITM and tested positive for the virus.³ The location of the fourth instance was not made public by the DOH.³ The patient is being isolated at home, according to the department, "until all scabs have come off," but no more rashes or symptoms have been noticed, it said.³ [\[Full Article\]](#)

Vaccine Update

- **USA:** A recent study from the Madigan Army Medical Center evaluated the features of monkeypox infection in a patient who had had a smallpox vaccination.¹ The findings were published in the journal *Emerging Infectious Diseases*.¹ The researchers in the current study described a patient who lived in Washington, USA, and had the monkeypox virus.¹ Nevertheless, he had received the ACAM2000 smallpox vaccination safely eight years prior.¹ The patient had four ulcerated penile lesions, which had developed into a patch on the foreskin, according to the study's findings.¹ Two days after the patient first had constitutional problems, this patch was seen. There was no visible drainage, and the lesions weren't uncomfortable.¹ He also has a scar from a vaccination on his right deltoid and a sore right inguinal lymph node. The medical team reported that the patient's polymerase chain reaction test for non-variola orthopoxvirus was positive (PCR).¹ Testing done afterwards revealed that the infection was brought on by the clade II strain.¹ However, the patient's tests for syphilis, HIV-1/2 antigen, and hepatitis C came back negative.¹ Overall, the study demonstrated that while immunization was crucial for avoiding infectious diseases, it may not be enough to protect against monkeypox infection.¹ Therefore, according to the researchers, vaccination should support public health initiatives that aim to reduce the use of high-risk health behaviors rather than replace them.¹ [\[Full Article\]](#)

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