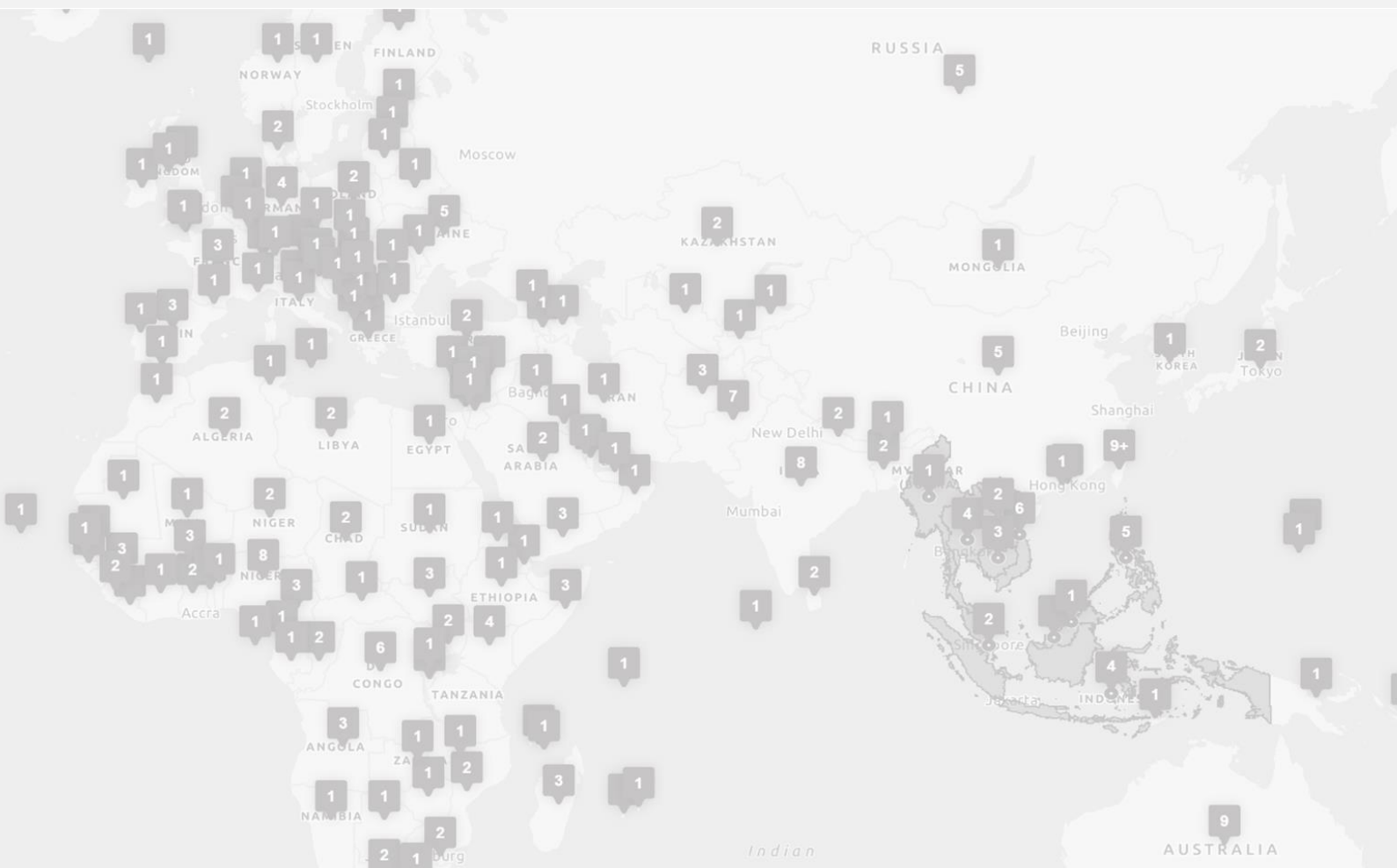


COVID-19 and Other Infectious Diseases Situational Report in the ASEAN+3 Region

ASEAN BioDiaspora Virtual Center (ABVC)

as of July 27, 2022



COVID-19: Highlights and Situation Overview

Global Update

- **Worldwide**, there have been over 570 million cases and over 6 million deaths attributed to COVID-19.
- Further supporting the idea that the virus arose in the wild rather than escaping from a Chinese lab, two recent investigations offer further proof that the coronavirus pandemic started in a Wuhan, China market where live animals were sold.¹ The study, which was published online by the journal Science on Tuesday, suggests that the Huanan Seafood Wholesale Market was probably the early epicenter of the disease, which has since claimed the lives of close to 6.4 million people worldwide.¹ Scientists have come to the conclusion that SARS-CoV-2, the virus that causes COVID-19, likely entered humans twice from animals.¹ [[Full Article](#)]

Regional Update

- **Singapore:** The health minister stated this week that the infection tide is "coming to a climax, and starting to turn" in Singapore's most recent COVID-19 wave, which is driven by omicron strains and surged in July.⁵ According to data from the health ministry, the city-average state's infections over a seven-day period decreased to 8,383 as of noon on July 26 from a high of 10,198 on July 19.⁵ The nation's infection ratio decreased from week to week to 0.82.⁵ [[Full Article](#)]
- **South Korea:** On Wednesday, the number of COVID-19 cases in South Korea topped 100,000 for the first time in more than three months, as a new wave of an omicron subvariant is rapidly spreading.⁶ According to the Korea Disease Control and Prevention Agency (KDCA), the nation gained 100,285 new COVID-19 infections, including 532 from outside, increasing the overall caseload to 19,446,946.⁶ [[Full Article](#)]
- **Japan:** Instead of limiting people's activities, the Japanese government intends to address the country's significant rise in coronavirus infections by bolstering medical services.⁷ More than 196,000 new cases were verified on Tuesday, signaling the start of a new wave of illnesses in Japan.⁷ In 14 of the country's 47 prefectures, the number of cases hit all-time highs.⁷ Already overburdened fever clinics make it challenging for patients to see doctors when they exhibit symptoms.⁷ [[Full Article](#)]

Vaccine Update

- **Malaysia:** According to a recent modelling research, Covid-19 vaccinations have avoided 16,000 to 17,000 fatalities in Malaysia over the past 15 months.³ Director of the Institute for Clinical Research Datuk Dr. Kalaiarasu Peariasamy stated that Malaysia began to see the major advantages of immunization in September of last year, when over half of the population had received all recommended vaccinations.³ [[Full Article](#)]
- **Philippines:** The instructions for the national distribution of the second COVID-19 booster doses for individuals aged 50 and over and those aged 18 to 49 with comorbidities were made public by the Department of Health (DOH) on Tuesday.⁴ The DOH initiated the "PinasLakas" campaign, which seeks to deliver booster shots to at least 23 million individuals — or 50% of the eligible population — within the first 100 days of President Ferdinand Marcos Jr.'s administration, on the same day that the guidelines were released.⁴ [[Full Article](#)]
- **China:** The COVID-19 treatment of an HIV medicine received conditional clearance from China's drug authority on Monday.² The first oral antiviral for the illness produced in

China is Azvudine, a medication created by Chinese pharmaceutical company Genuine Biotech.² Pingdingshan-based Genuine Biotech submitted a request for regulatory permission earlier this month.² According to a statement made by the business, 40% of COVID-19 patients who received Azvudine for a week as part of a phase III clinical trial had "better clinical symptoms," compared to 11% of those who received a placebo.² The trial's complete findings, including whether the medication decreased the risk of hospitalization or death, have not yet been made public.² [\[Full Article\]](#)

Travel Update

- **Taiwan:** The COVID vaccination rate for children under the age of five must increase from the present level of 6.6% to at least 50% before border restrictions are lifted, according to the Central Epidemic Command Center (CECC), which announced this on Tuesday, July 27.¹⁰ When Taiwan's border restrictions are to be relaxed, the media questioned CECC director Victor Wang during a news conference on Monday (July 25).¹⁰ Wang said it would depend on the percentage of young children who receive vaccinations, but he did not say what that percentage would be.¹⁰ [\[Full Article\]](#)

Cases and Deaths as of 27 July 2022

- As of 27 July 2022 (2PM, GMT+8), worldwide, there were **578,128,601** confirmed cases, including **6,414,871** deaths. Globally, Case Fatality Rate (CFR) was **1.1%**.
- 69,843,122 confirmed cases** of COVID-19 have been reported in the **ASEAN +3** countries including **32,769,161 cases** in the ASEAN region and **37,073,961 cases** in the PLUS THREE countries.
- The Case Fatality Rate in the **ASEAN +3** region is range between **0.1 to 3.2%**.

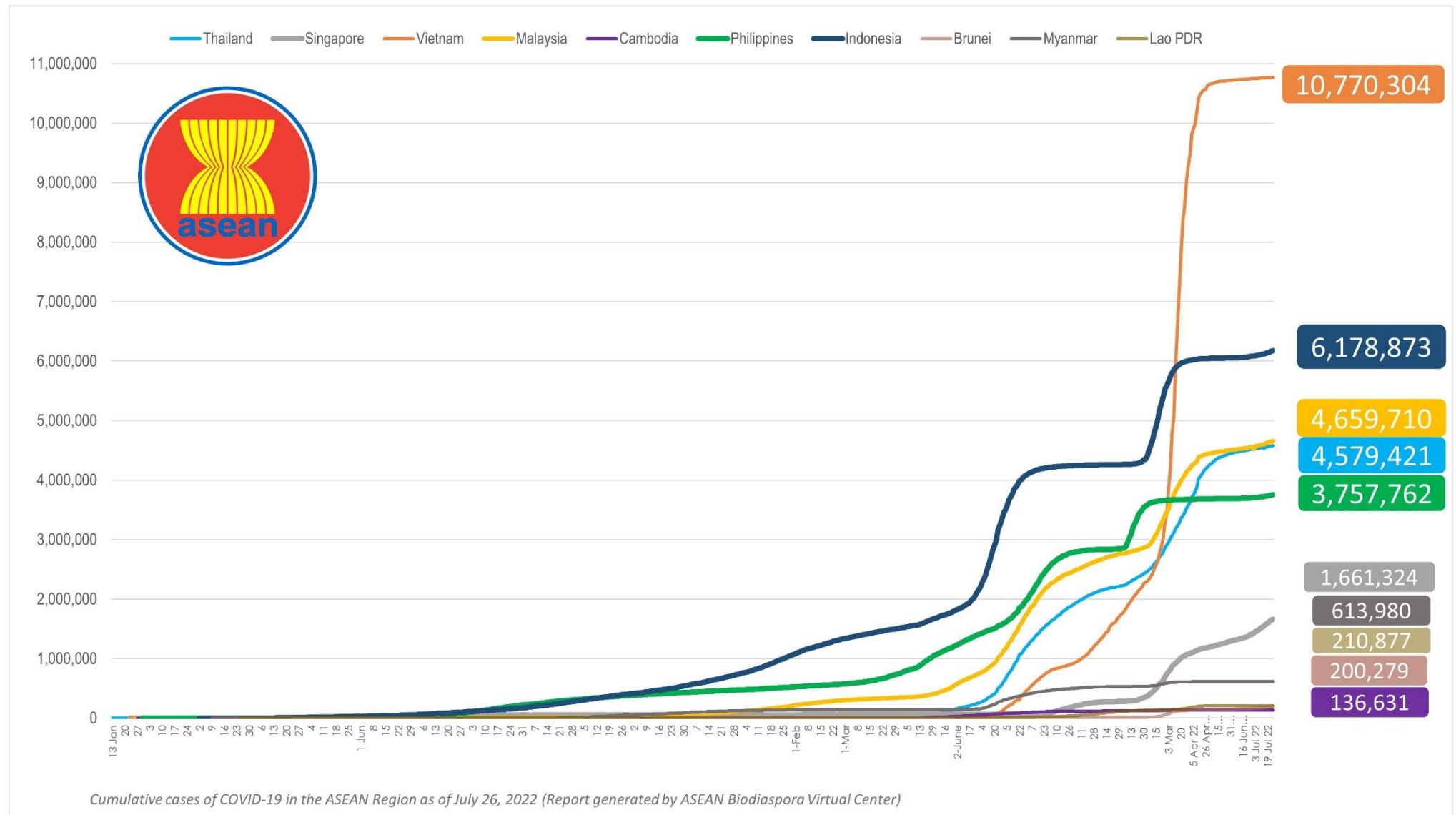
REGION	COUNTRY	FIRST CONFIRMED CASE(S)	LATEST REPORT ON CONFIRMED CASE(S)	TOTAL CONFIRMED CASES	NEW CASES	TOTAL DEATHS	NEW DEATHS	CUMULATIVE CASES/ 100,000	NUMBER OF TESTS LAST 14 DAYS/ 100,000	CUMULATIVE VACCINATED	CUMULATIVE FULLY VACCINATED	CUMULATIVE BOOSTERED	FULLY VACCINATED / 100
ASEAN REGION	Brunei	10 Mar 20	26-Jul-22	200,279	5,166	225	-	46,223	-	432,057	409,091	282,887	92.7
	Cambodia	27 Jan 20	26-Jul-22	136,631	19	3,056	-	829	-	15,017,756	14,280,965	9,085,668	84.3
	Indonesia	02 Mar 20	26-Jul-22	6,178,873	6,483	156,929	13	2,283	-	200,652,038	167,822,664	46,910,883	60.7
	Lao PDR	24 Mar 20	26-Jul-22	210,877	62	757	-	2,941	-	5,806,513	5,042,589		68.3
	Malaysia	25 Jan 20	26-Jul-22	4,659,710	4,759	35,932	9	14,584	-	28,051,234	27,343,401	16,322,653	83.4
	Myanmar	23 Mar 20	26-Jul-22	613,980	14	19,434	-	1,136	-	30,994,375	24,329,862	1,665,569	44.4
	Philippines	30 Jan 20	26-Jul-22	3,757,762	2,359	60,694	-	3,476	-	70,173,137	67,640,431	14,027,031	60.9
	Singapore	23 Jan 20	26-Jul-22	1,661,324	5,551	1,483	7	29,128	-	5,019,962	4,997,742	4,222,332	91.6
	Thailand	13 Jan 20	26-Jul-22	4,579,421	1,828	31,227	35	6,577	-	56,735,158	52,953,989	29,613,258	75.7
	Vietnam	23 Jan 20	26-Jul-22	10,770,304	1,460	43,092	-	11,165	-	86,384,303	81,100,223	63,903,866	82.6
ASEAN COUNTRIES				32,769,161	27,701	352,829	64			499,266,533	445,920,957	186,034,147	
ASEAN PLUS THREE	South Korea	20-Jan-20	26-Jul-22	19,346,764	99,268	24,907	17	37,415	-	45,072,986	44,636,702	37,935,520	87.0
	Japan	16-Jan-20	26-Jul-22	11,694,309	197,720	31,771	117	9,262	-	103,783,489	102,416,023	81,127,480	81.3
	China	31-Dec-19	26-Jul-22	6,032,888	29,473	23,396	43	37,397	-	1,310,671,174	1,273,381,844	755,015,492	85.8
	PLUS THREE COUNTRIES				37,073,961	326,461	80,074	177			1,459,527,649	1,420,434,569	874,078,492
ASEAN +3				69,843,122	354,162	432,903	241			1,958,794,182	1,866,355,526	1,060,112,639	

- 508,285,479 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	NUMBER OF TESTS LAST 14 DAYS/ 100,000	CUMULATIVE VACCINATED	CUMULATIVE FULLY VACCINATED	CUMULATIVE BOOSTERED
AFRICA	12,735,895	2,644	257,672	20	241,461	-	327,918,873	251,429,745	26,555,195
AMERICAS	172,236,924	36,269	2,818,945	177	1,116,680	-	806,575,599	713,332,912	432,183,131
ASIA PACIFIC	81,986,188	79,459	740,411	151	411,233	-	1,422,101,005	1,292,950,980	178,332,938
EUROPE	219,459,940	299,915	1,930,075	866	1,900,550	-	555,483,088	529,310,540	321,557,538
MIDDLE EAST	21,866,532	24,008	234,865	53	204,359	-	140,936,322	126,089,189	54,508,372
TOTAL	508,285,479	442,295	5,981,968	1,267			3,253,014,887	2,913,113,366	1,013,137,174

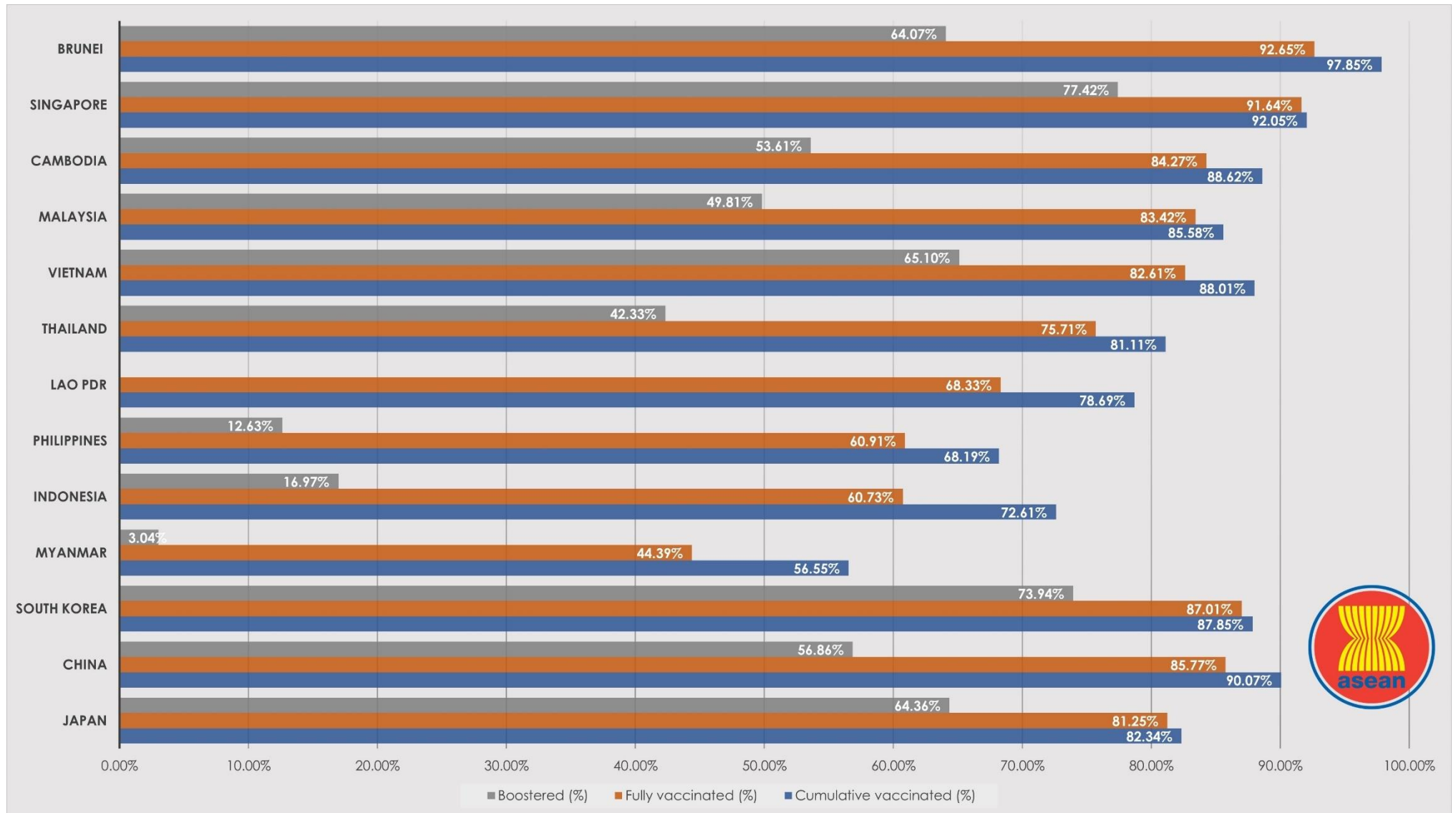
COVID-19 Epi curve among ASEAN Countries:

From January 1, 2021 to July 26, 2022




COVID-19 Vaccination Status

as of 26 July 2022



COVID-19 Outlook Assessment

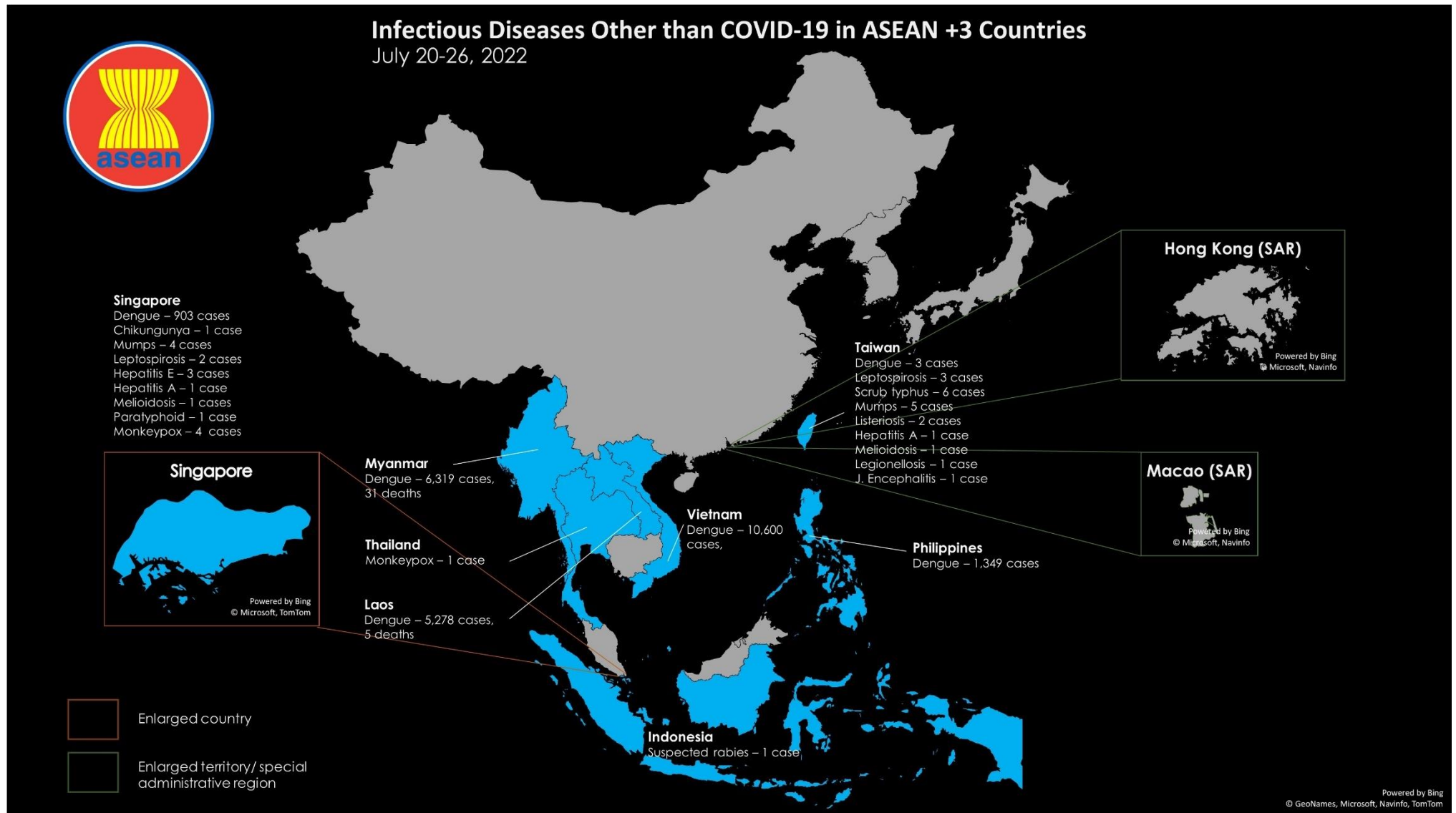
as of 24 July 2022

 ASEAN MEMBER STATE	REQUIREMENT						
	At least 80% of the high-risk population has been vaccinated with at least one dose of a COVID-19 vaccine.	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)	
		Population vaccinated/ day (7-day average)	% 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	0%/day	≥90.0/68.3	Unknown	286.81	Unknown	31.0/100	-7.1
Cambodia	0%/day	≥90.0/55.7	Unknown	0.12	Unknown	31.5/100	+3.0
Indonesia	0%/day	64.5/17.8	Unknown	1.80	Unknown	54.2/100	-3.6
Lao PDR	0%/day	75.1/ND	Unknown	0.53	Unknown	61.6/100	+3.6
Malaysia	0%/day	83.9/49.8	0%/day	12.91	Unknown	51.8/100	-3.6
Myanmar	0%/day	51.1/4.1	Unknown	0.03	Unknown	69.1/100	0.0
Philippines	0%/day	68.6/13.4	Unknown	2.64	Unknown	55.4/100	0.0
Singapore	0%/day	88.6/77.5	Unknown	158.07	Unknown	58.9/100	0.0
Thailand	0%/day	77.0/42.7	0.01%/day	3.43	Unknown	31.5/100	+2.4
Vietnam	0.03%/day	87.8/65.9	Unknown	1.10	Unknown	43.5/100	0.0
Japan	0%/day	80.9/64.6	0%/day	123.78	Unknown	42.9/100	0.0
South Korea	0%/day	86.4/73.9	0%/day	126.93	Unknown	38.1/100	0.0
China	Unknown	≥90.0/54.9	Unknown	0.012	Unknown	84.5/100	0.0

All of the countries have achieved the estimated high-risk population fully vaccinated of ≥90.0% except China with 34.6%.

Infectious Diseases Other than COVID-19 in ASEAN+3 Countries

From July 20 to 26, 2022



Infectious Diseases Other than COVID-19 in ASEAN+3 Countries

July 20-26, 2022

Infectious Disease Updates

Dengue

- **Laos:** 24 July 2022. The number of dengue fever cases continue their rise in Laos as health ministry officials report the tally has surpassed 11,000. According to numbers published by the Laos Center of Information and Education for Health, the country has seen 11,325 cases reported as of July 23. The capital city of Vientiane recorded the highest number with 5,888, accounting for more than half to total cases. 13 dengue related fatalities have been reported year to date, with five reported in Vientiane. According to the World Health Organization, dengue fever is one of the fastest emerging infections, with Thailand, Laos, the Philippines and Singapore also seeing high incidences. The number of cases in the Western Pacific region has more than doubled over the past 10 years.
- **Myanmar:** 21 July 2022. Myanmar recorded 7,835 dengue fever cases and 31 deaths in the first half of 2022, state media reported on Thursday. Most of these cases were detected in Ayeyarwady, Yangon, Bago and Tanintharyi regions, as well as in Mon State, according to the same source. Official data shows that the country detected 5,446 dengue fever cases and 79,001 malaria cases last year. Dengue fever is a viral disease transmitted by the Aedes mosquito which bites during the day. The Southeast Asian country reported 36 dengue fever deaths last year.
- **Philippines:** 22 July 2022. As Western Visayas nears the 6,000-mark in dengue cases, Negros Occidental has 2,096 cases with 10 deaths, an increase of 1,863 cases from January to July 9 this year, equivalent to 823 percent when compared to 233 cases in the same period the previous year, according to a report of the Department of Health-Western Visayas. Of the 506 new cases reported by DOH-WV from July 3 to 9, a total of 157 were logged in Negros Occidental and 14 in Bacolod City. Dengue cases in Bacolod City were also recorded at 293, an increase of 159 percent compared to the previous year. Of the 34 deaths in region 6, 10 were recorded in Negros Occidental and five in Bacolod City. Negros Occidental remains on top among six provinces and two highly urbanized cities in Western Visayas, in terms of the number of dengue cases at 2,096, followed by Antique – 1,591, Iloilo province – 986, Capiz – 330, Bacolod City – 293, Aklan – 262, Iloilo City – 199 and Guimaras – 80. Antique already declared state of calamity due to surging of dengue cases, with a 684 percent increase in cases and four deaths.
- **Vietnam:** 26 July 2022. In a follow-up on the dengue fever outbreak in Vietnam, health officials report the total cases are now more than 124,000, including 40 fatalities. The number of cases has tripled compared to the same period last year. The main circulating dengue virus types are DEN-1 and DEN-2. In Ho Chi Minh City, the city recorded 32,011 cases of dengue fever, an increase of 293.8% compared to the same period in 2021 of 8,128 cases. Deputy Prime Minister Vu Duc Dam has just signed Official Letter dated July 25, 2022 of the Prime Minister on strengthening the prevention and control of dengue fever and other infectious diseases.

Rabies

- **Indonesia:** 26 July 2022. A 6-year-old boy with the initials KT in Southeast Sulawesi, North Sulawesi (Sulut), died of suspected rabies. The victim had been bitten by a dog some time before, but had not had an injection because at that time the anti-rabies vaccine (VAR) was out of stock at the Silian Health Center, Southeast Sulawesi. Regarding this,

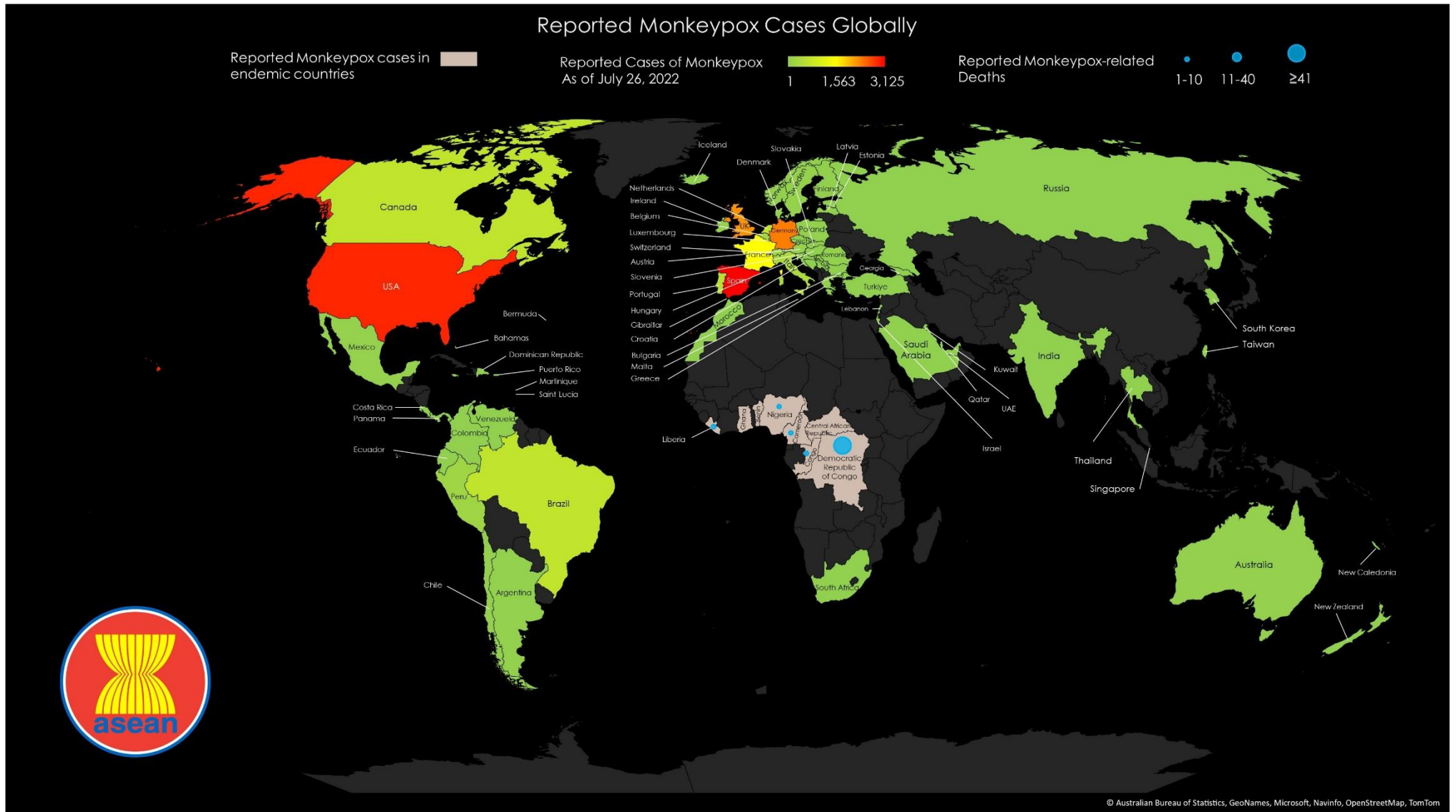
the Head of the North Sulawesi Provincial Health Office, Debbie Kalalo, asked the relevant parties to report if the vaccine stock was empty. "You have to report so that when needed there is stock (anti-rabies vaccine)," Kalalo said when interviewed after a plenary meeting at the North Sulawesi Provincial DPRD Office, Tuesday.

Monkeypox

- **Thailand:** 20 July 2022. Thailand's Ministry of Health has reported the country's first monkeypox case in the southern island of Phuket. The affected individual is a 27-year-old man with recent travel history to Nigeria, where monkeypox is endemic and the true extent of the spread may be underreported. There are limited details regarding clinical severity; however, the individual did report feeling ill for about a week. Notably, Thailand had previously reported a case at the end of May in an individual that had travelled through the country, and additional cases were not identified.
- **Singapore:** 26 July 2022 - One more imported monkeypox case was reported in Singapore on Tuesday, bringing the total number of cases detected here to 10. The 28-year-old Taiwanese man who lives in Singapore had recently returned from Canada. He tested positive on Tuesday, and is currently warded at the National Centre for Infectious Diseases (NCID), said the Ministry of Health (MOH) in an update on its website. His condition is stable. The patient had developed a fever, headache, pain in the anal region and muscle pain last Friday. This subsequently progressed to a rash at the perianal region, MOH said, referring to the area of the body surrounding the anus. He sought medical care on Tuesday and was admitted to NCID on the same day. Contact tracing is ongoing, MOH added. Of the 10 monkeypox cases here, five are local and five are imported. So far, the cases are not linked.

Monkeypox Cases Reported Globally

As of July 26, 2022



Special Report: Monkeypox reported cases

- As of 27 July 2022 (2PM, GMT+8), worldwide, there were **18,569** confirmed cases, including **66** deaths. Globally, Case Fatality Rate (CFR) was **0.36%**.
- 13 confirmed cases** of Monkeypox have been reported in the **ASEAN +3** countries including **12 cases** in the ASEAN region and **1 case** in the PLUS THREE countries, with CFR of **0%**.
 - Singapore** – 10 cases
 - Thailand** – 2 cases
 - South Korea** – 1 case
 - Taiwan** – 2 cases
- 18,554 confirmed cases** of COVID-19 have been reported in other **5 regions** (other than ASEAN +3 countries):

CONTINENT	TOTAL CONFIRMED CASES SINCE JANUARY 2022	NEW CASES FOR THE PAST WEEK	RATE OF INCREASE IN NEW CASES COMPARED TO THE PREVIOUS WEEK	TOTAL DEATHS
AFRICA*	1,681	0	-21.5%	66
AMERICAS	4,604	1,655	16.47%	-
ASIA PACIFIC	49	9	-25%	-
EUROPE	12,082	2,027	-4.07%	-
MIDDLE EAST	138	21	-27.59%	-
TOTAL	18,554	3,712	-2.06%	66

*Cases in Africa were updated and corrected on Bluedot Insights

Global update

- The World Health Organization:** In response to the spreading monkeypox outbreak, the World Health Organization (WHO) has raised the alert level to its highest level and declared the virus a public health emergency of international concern (PHIC). Because the outbreak has been given the uncommon designation, the WHO now considers it to be a serious enough threat to global health that a concerted international response is required to stop it from spreading and perhaps turning into a pandemic. Despite the fact that the declaration does not impose any obligations on national governments, it nonetheless acts as a strong call to action. The WHO cannot impose demands on its member states; it can only offer advice and suggestions. Events that endanger world health must be reported by member states. [\[Full Article\]](#)
- Asia:** As nations around Asia report their first instances of the virus, which the World Health Organization has officially classified as a global health emergency, they are on high alert for monkeypox, screening passengers and mobilizing teams of medical personnel (WHO).⁸ The first case of monkeypox to be discovered in Japan was reported by officials on July 25.⁸ The patient was a Tokyo resident in his 30s who had just returned from Europe in the middle of July.⁸ The individual first experienced lethargy, then a fever, rash, and headache, according to officials from the Health Ministry.⁸ After confirming its fourth case of monkeypox in the nation's capital of Delhi on Monday, India is now on high alert.⁸ A 34-year-old guy was hospitalized after developing rashes and a two-week fever.⁸ The first three instances were found in visitors from the United Arab Emirates in Kerala, a state in southern India.⁸ Since then, airport checks have been tightened, and a top-tier medical team has been sent to Kerala to help the state's health officials with medical research, according to Indian authorities.⁸ [\[Full Article\]](#)

- **US:** More than 3,400 confirmed or suspected cases of monkeypox have been reported in the United States, making it the nation with the highest illnesses since the outbreak started.⁹ According to the BBC, US President Joe Biden has declared monkeypox a public health emergency due to a dramatic increase in cases.⁹ The nation also has the unenviable distinction of reporting the most coronavirus cases globally since the pandemic's inception (9,05,67,290).⁹ [[Full Report](#)]

Countries reporting confirmed case/s of Monkeypox

- **Bermuda:** The first case of monkeypox has been confirmed in Bermuda. While limited information is available regarding the patient's demographics, clinical severity, and recent travel history, it is known that the individual is currently receiving medical care in isolation. According to health officials, the country increased surveillance at points of entry since early May and implemented isolation facilities in anticipation of cases.
- **Monaco:** The first case of monkeypox has been confirmed in Monaco. There is limited information regarding patient demographics, clinical severity, and source of infection. Additionally, three other individuals have been identified as suspected cases; it remains unknown whether or not they are linked to the first case. It is unclear whether Monaco has access to monkeypox vaccines by relations through France or the European Commission; however, the European Commission's Health Emergency Preparedness and Response Authority will be prioritizing the most affected regions for initial vaccine procurement.
- **Qatar:** Qatar's Ministry of Health has reported the country's first monkeypox case. While limited information is available regarding the patient's demographics, it is known that the individual has recent travel history from an unknown location and is currently receiving medical care. According to news media, all close contacts will be monitored for symptoms and any changes in health status for 21 days.

References:

1. Ungar, L., 2022. *New studies say COVID-19 virus originated in Wuhan market in China - National* | Globalnews.ca. [online] Global News. Available at: <<https://globalnews.ca/news/9017739/new-studies-covid-19-wuhan-market-in-china/>> [Accessed 27 July 2022].
2. Ye, Y., 2022. *China approves first homegrown COVID antiviral*. [online] Nature. Available at: <<https://www.nature.com/articles/d41586-022-02050-x>> [Accessed 27 July 2022].
3. Krishnan, D., 2022. *'Vaccines prevented deaths'*. [online] New Strait Times. Available at: <<https://www.nst.com.my/news/nation/2022/07/816753/vaccines-prevented-deaths>> [Accessed 27 July 2022].
4. Sarao, Z., 2022. *DOH bares guidelines for 2nd COVID boosters for adults*. [online] Inquirer.net. Available at: <<https://newsinfo.inquirer.net/1635321/doh-bares-guidelines-for-2nd-covid-boosters-for-adults>> [Accessed 27 July 2022].
5. Zibang, X., 2022. *Singapore Sees Covid Crisis Settling Down as Cases Start to Fall*. [online] Bloomberg. Available at: <<https://www.bloomberg.com/news/articles/2022-07-27/singapore-sees-covid-crisis-settling-down-as-cases-start-to-fall#xj4y7vzkg>> [Accessed 27 July 2022].
6. Yonhap News Agency. 2022. *(LEAD) S. Korea's new COVID-19 cases top 100,000 in over 3 months* | Yonhap News Agency. [online] Available at: <<https://en.yna.co.kr/view/AEN20220727002851320?section=news>> [Accessed 27 July 2022].
7. NHK WORLD. 2022. *Japan to deal with COVID surge by bolstering medical resources*. [online] Available at: <https://www3.nhk.or.jp/nhkworld/en/news/20220727_11/> [Accessed 27 July 2022].
8. Chen, H., 2022. *Asia on high alert for monkeypox as cases reported from India to Japan*. [online] Kake.com. Available at: <<https://www.kake.com/story/46968015/asia-on-high-alert-for-monkeypox-as-cases-reported-from-india-to-japan>> [Accessed 27 July 2022].
9. Singharia, K., 2022. *After Covid, US has highest monkeypox cases so far: Report*. [online] Hindustan Times. Available at: <<https://www.hindustantimes.com/world-news/after-covid-us-has-highest-monkeypox-cases-so-far-report-101658856072366.html>> [Accessed 27 July 2022].
10. Everington, K., 2022. *Taiwan won't open borders until child vaccination rate rises from 6% to 50%*. [online] Taiwan News. Available at: <<https://www.taiwannews.com.tw/en/news/4607934>> [Accessed 27 July 2022].



Report generated by
ASEAN Biodiaspora Virtual Center (ABVC)
 in collaboration with **Bluedot Inc.**
 Email: support@biodiaspora.org

Facebook: <https://facebook.com/ASEANBiodiaspora>

