

COVID-19 and Mpox Situational Report in the ASEAN Region

— ASEAN BioDiaspora Virtual Center (ABVC)



ASSOCIATION OF SOUTHEAST ASIAN NATIONS



ASEAN BIODIASPORA VIRTUAL CENTER (ABVC)



MINISTRY OF HEALTH
REPUBLIC OF INDONESIA

GLOBAL PARTNERS





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COVID-19: Highlights and Situation Overview

Global Update

- **Worldwide**, there have been over 658 million cases and over 6 million deaths attributed to COVID-19.
- The **World Health Organization (WHO)** has issued new guidelines on mask-wearing in community settings, COVID-19 treatments, and clinical management. For the isolation period, COVID-19 patients displaying COVID-19 symptoms will have to be isolated for at least 10 days from the date of onset of the symptoms. In addition, COVID-19 patients who tested negative with an antigen-based rapid test can be discharged early from isolation while asymptomatic COVID-19 patients or individuals who have tested positive for the virus but do not experience any symptoms, should be isolated for 5 days. WHO also recommended wearing a mask if an individual has recently been exposed to COVID-19 patients, is suspected to have COVID-19, high risk for severe COVID-19, and is in a crowded, enclosed, or poorly ventilated space. WHO has also extended its strong recommendation for the use of nirmatrelvir-ritonavir for COVID-19 patients but maintains strong recommendations against the use for treating COVID-19 with sotrovimab and casirivimab-imdevimab.
- **Japan's** infectious disease warned that the rate had hit record levels, and the curve may get steeper still. They also warned of an increase in group infections at nursing homes for the elderly and medical institutions. The government confirmed 503 deaths linked to COVID-19 on January 14, the highest daily figure since the pandemic started. The National Institute of Infectious Diseases said around 60% of the deaths were directly caused by COVID-19 while about 40% were attributed to heart failure, cancer, pneumonia, old age, aspiration pneumonia, or kidney failure, among other causes.
- **China:** The number of severe COVID-19 cases in China has peaked, according to a National Health Commission (NHC) official who cited new data on January 14.² The number of severe COVID-19 instances and hospitalized cases peaked on January 5, according to Jiao Yahui, chief of the NHC's Bureau of Medical Administration, during a news conference.² According to officials at the press conference, the bulk of critical cases and COVID-related deaths are among the elderly, with the majority of them suffering from underlying conditions.² On January 12, the number of critical cases in hospitals decreased back to 105,000. It reached a high of 128,000 on January 5.² According to Jiao, the average age of severe case patients is 75.5 years, and 92.8 percent of the severe cases in hospitals on January 12 had serious underlying conditions aggravated by COVID-19 infection.² From December 8, 2022 to January 12, 2023, 59,938 COVID-19-related deaths occurred in medical institutions across the country, according to Jiao.² [\[Full article\]](#)

Regional Update

- **Philippines:** According to the Department of Health, the Philippines discovered 128 new Omicron subvariant instances (DOH).¹ Following the sequencing of 137 samples by the University of the Philippines-Philippine Genome Center (UP-PGC) and the Southern Philippines Medical Center (SPMC) from January 3 to 9, 52 samples were identified as Omicron BA.2.3.20, 28 as XBB, 13 as XBC, 10 as BA.5, and one as BN.1.¹ The remaining 24 cases were classified as "other Omicron subvariants," according to the DOH.¹ Of the 52 additional BA.2.3.20 cases, 51 were local cases from Regions 1, 2, 3, 4A, 5, 6, 7, Cordillera Administrative Region (CAR), and National Capital Region (NCR), with the remaining case being a returning overseas Filipino (ROF).¹ According to the DOH, the recently discovered BN.1 case, reported under BA.2.75, was a local case from Region 6.¹



Meanwhile, six of the ten new BA.5 cases were from Regions 6 and 11, and the remaining four were ROFs.¹ According to the DOH, all extra XBB and XBC cases were from Regions 1, 3, 4A, 6, 7, 11, CAR, and NCR.¹ Region 3 has one local instance of the Delta variety, with a collection date of mid-December 2022.¹ The DOH, on the other hand, stated that it was constantly monitoring the predominant Omicron subvariants with higher transmissibility, both locally and globally.¹ [\[Full article\]](#)

Vaccine Update

- The **U.S. Centers for Disease Control and Prevention (CDC)** and the Food and Drug Administration (FDA) said on Friday that a CDC vaccine database had uncovered a possible safety issue with older individuals who were more likely to have an ischemic stroke 21 days after receiving the Pfizer/BioNTech bivalent shot, compared with days 22-44. According to U.S. health officials citing preliminary data from one of several vaccine safety databases, Pfizer's bivalent shot for COVID-19 has shown a potential link to stroke in people 65 and older. According to the CDC, 130 had strokes in the first three weeks after getting the shot among 550,000 people 65 and older who had been vaccinated and received the Pfizer bivalent booster but no deaths have been reported. Meanwhile, the officials said in a statement on the Food and Drug Administration's website said that the potential risk with Pfizer's vaccine was not seen in other safety databases, nor was it seen with Moderna's COVID-19 vaccine.



COVID-19 Cases and Deaths as of 16 January 2023

- As of 16 January 2023 (1PM, GMT+7), worldwide, there were **658,613,092** confirmed cases, including **6,722,775** deaths. Globally, Case Fatality Rate (CFR) was **1.2%**.
- 35,551,254 confirmed cases** of COVID-19 have been reported in the **ASEAN Region**.
- The Case Fatality Rate in the **ASEAN Region** is range between **0.1 to 3.1%**.

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	15-Jan-23	272,646	-	225	-	62,925	450,404	445,929	338,987	99.3
	Cambodia	27 Jan 20	15-Jan-23	138,662	3	3,056	-	841	15,241,969	14,607,080	10,424,952	87.1
	Indonesia	02 Mar 20	15-Jan-23	6,726,086	239	160,727	3	2,485	204,045,153	174,799,346	68,616,692	63.5
	Lao PDR	24 Mar 20	15-Jan-23	217,927	-	758	-	3,040	5,888,649	5,222,417		69.4
	Malaysia	25 Jan 20	15-Jan-23	5,032,677	244	36,908	-	15,752	28,123,866	27,535,292	17,006,187	81.1
	Myanmar	23 Mar 20	15-Jan-23	633,750	9	19,490	-	1,173	34,777,314	27,545,329	2,227,351	50.8
	Philippines	30 Jan 20	15-Jan-23	4,070,287	151	65,590	33	3,765	78,359,629	73,920,177	21,318,580	64.0
	Singapore	23 Jan 20	15-Jan-23	2,208,163	415	1,717	-	38,715	5,161,990	5,120,768	4,440,289	90.8
	Thailand	13 Jan 20	15-Jan-23	4,724,916	-	33,727	-	6,786	57,005,497	53,486,086	32,143,431	74.6
	Vietnam	23 Jan 20	15-Jan-23	11,526,140	22	43,186	-	11,949	90,427,458	85,705,657	57,435,666	87.3
ASEAN COUNTRIES				35,551,254	1,083	365,384	36	147,431	519,481,929	468,388,081	213,952,135	

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

COVID-19 cases in Asia-Pacific region

REGION	COUNTRY/ TERRITORY	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
ASIA-PACIFIC REGION	Afghanistan	24-Feb-20	11-Jan-23	207,900	-	7,854	-	547	11,533,150	10,825,004		26.3
	Australia	25-Jan-20	11-Jan-23	11,212,712	-	17,304	-	43,714	22,235,981	21,655,105	19,743,221	82.7
	Bangladesh	08-Mar-20	15-Jan-23	2,037,368	37	29,441	-	1,250	150,472,186	128,991,652	65,468,588	75.4
	Bhutan	05-Mar-20	10-Jan-23	62,551	-	21	-	8,197	699,116	677,669	634,641	86.6
	People's Republic of China*		15-Jan-23	12,547,923	27,533	34,028	0	77,560	1,336,640,025	1,302,074,751	211,304,790	89.6
	Cook Islands	17-Feb-22	14-Jan-23	6,952	-	2	-	32,504	15,084	14,715	10,209	86.4
	Fiji	18-Mar-20	13-Jan-23	68,793	-	883	-	7,730	711,682	640,632	170,507	68.9
	French Polynesia	12-Mar-20	04-Jan-23	77,957	-	649	-	27,913	190,765	186,059	112,237	60.8
	Guam	15-Mar-20	13-Jan-23	60,442	-	415	-	36,129	158,609	144,050		85.5
	India	30-Jan-20	15-Jan-23	44,681,040	104	530,726	-	3,270	1,027,247,549	951,331,661	223,076,243	67.1



	Japan	16-Jan-20	19-Oct-22	21,858,528	-	46,014	-	17,312	104,579,438	103,179,751	166,281,425	83.2
	Kiribati	25-Jan-22	13-Jan-23	4,921	-	17	-	4,184	96,184	73,888	23,419	56.3
	Maldives	07-Mar-20	10-Jan-23	185,702	-	311	-	34,975	399,151	385,081	167,187	73.5
	Marshall Islands	26-Oct-20	02-Jan-23	15,554	-	17	-	26,456	43,310	34,694		44.6
	Micronesia	11-Jan-21	10-Jan-23	22,247	-	58	-	19,547	84,542	71,147		69.5
	Mongolia	10-Mar-20	14-Jan-23	1,007,821	-	2,179	-	31,249	2,272,965	2,175,617	1,044,337	64.0
	Nepal	24-Jan-20	14-Jan-23	1,001,051	-	12,020	-	3,499	27,588,121	24,082,373	8,732,721	78.8
	New Caledonia	17-Mar-20	10-Jan-23	79,724	-	314	-	27,701	192,206	184,645	101,276	63.7
	New Zealand	28-Feb-20	09-Jan-23	2,138,754	-	3,621	-	43,497	4,300,097	4,138,926	3,523,903	79.8
	Niue	03-Sep-21	14-Jan-23	714	-	-	-	32,964	1,636	1,634	1,224	83.7
	Northern Mariana Islands	28-Mar-20	13-Jan-23	13,430	-	41	-	23,472	46,502	43,853		84.6
	Pakistan	26-Feb-20	15-Jan-23	1,576,070	16	30,640	-	728	154,665,740	131,368,973	49,551,181	55.7
	Palau	31-May-21	15-Jan-23	5,980	4	9	-	33,207	20,735	18,483		85.8
	Papua New Guinea	21-Mar-20	21-Dec-22	46,663	-	669	-	532	369,998	309,599	32,384	3.1
	Samoa	18-Nov-20	10-Jan-23	16,008	-	29	-	8,122	191,163	177,721	79,360	79.9
	Solomon Islands	03-Oct-20	24-Nov-22	24,575	-	153	-	3,669	343,821	254,352	27,783	35.1
	Republic of Korea**	20-Jan-20	15-Jan-23	29,806,891	17,133	32,968	35	57,643	44,866,716	44,447,439	41,325,954	85.8
	Sri Lanka	27-Jan-20	15-Jan-23	671,964	1	16,823	-	3,082	17,143,761	14,752,827	8,220,002	67.6
	Timor Leste	21-Mar-20	13-Jan-23	23,405	-	138	-	1,810	878,845	790,466	315,249	58.9
	Tonga	05-Nov-21	12-Jan-23	16,590	-	13	-	15,877	91,949	77,464	38,331	72.5
	Türkiye	10-Mar-20	12-Dec-22	17,041,315	-	101,487	-	20,426	57,941,051	53,176,961	41,425,329	62.3
	Vanuatu	11-Nov-20	06-Jan-23	12,014	-	14	-	4,006	144,824	131,697	16,996	40.3
	Wallis et Futuna	17-Oct-20	31-Dec-22	3,427	-	7	-	21,385	7,136	6,794	3,742	58.6
	ASIA PACIFIC			146,536,986	44,828	868,865	35	674,158	2,966,174,038	2,796,425,683	841,432,239	

*includes cases from Hong Kong (SAR), Macau (SAR), and Taiwan (Province of China).

**Republic of Korea – South Korea

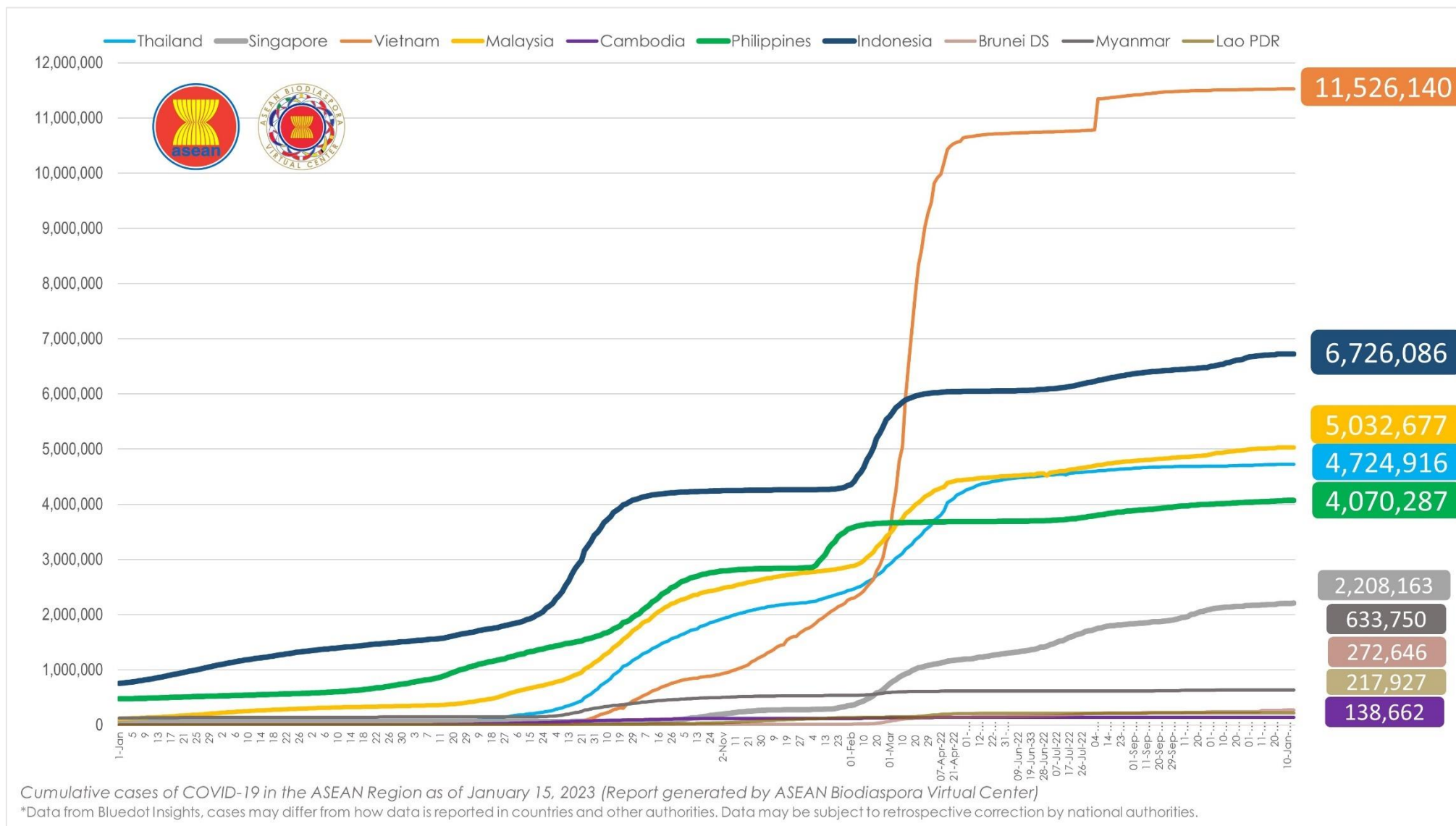
- **476,524,852 confirmed cases** of COVID-19 have been reported in other **4 regions** (other than ASEAN and Asia-Pacific countries):

REGION	TOTAL CONFIRMED CASES	NEW CASES	TOTAL DEATHS	NEW DEATHS	CUMULATIVE CASES/ 100,000	CUMULATIVE VACCINATED	CUMULATIVE FULLY VACCINATED	CUMULATIVE BOOSTERED
AFRICA	13,014,212	176	259,349	1	247,862	478,777,345	393,182,728	64,201,066
AMERICAS	191,051,182	7,505	2,937,642	20	1,234,608	834,990,540	734,757,981	494,063,067
EUROPE	249,782,114	9,937	2,052,462	69	2,099,604	569,295,769	540,812,883	381,435,229
MIDDLE EAST	22,677,344	681	239,073	6	215,594	144,675,289	129,968,448	60,059,793
TOTAL	476,524,852	18,299	5,488,526	96	3,797,668	2,027,738,943	1,798,722,040	999,759,155



COVID-19 Epi curve among ASEAN Countries:

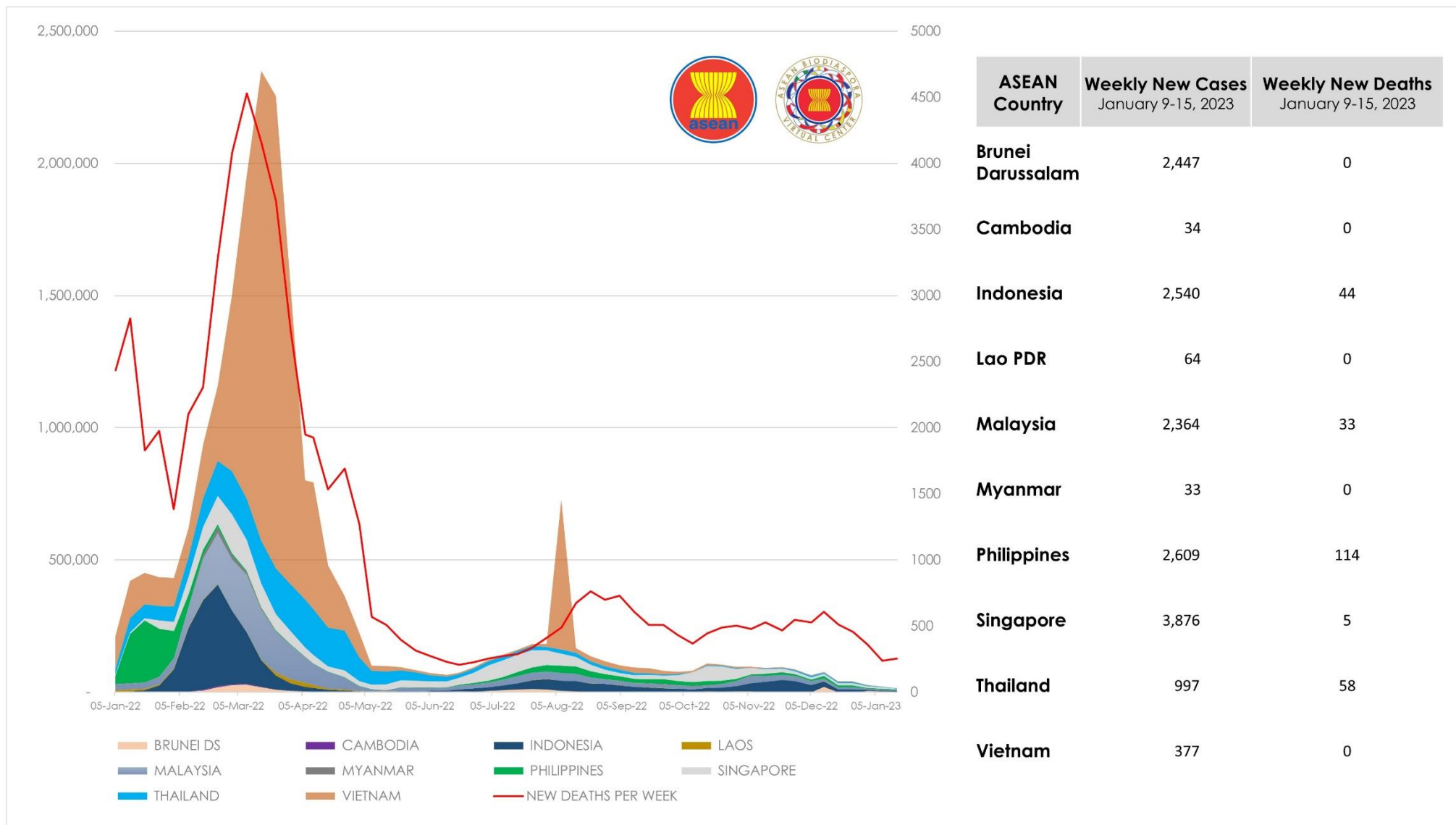
From January 1, 2022 to January 15, 2023





ASEAN Weekly COVID-19 New Cases and New Deaths

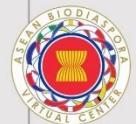
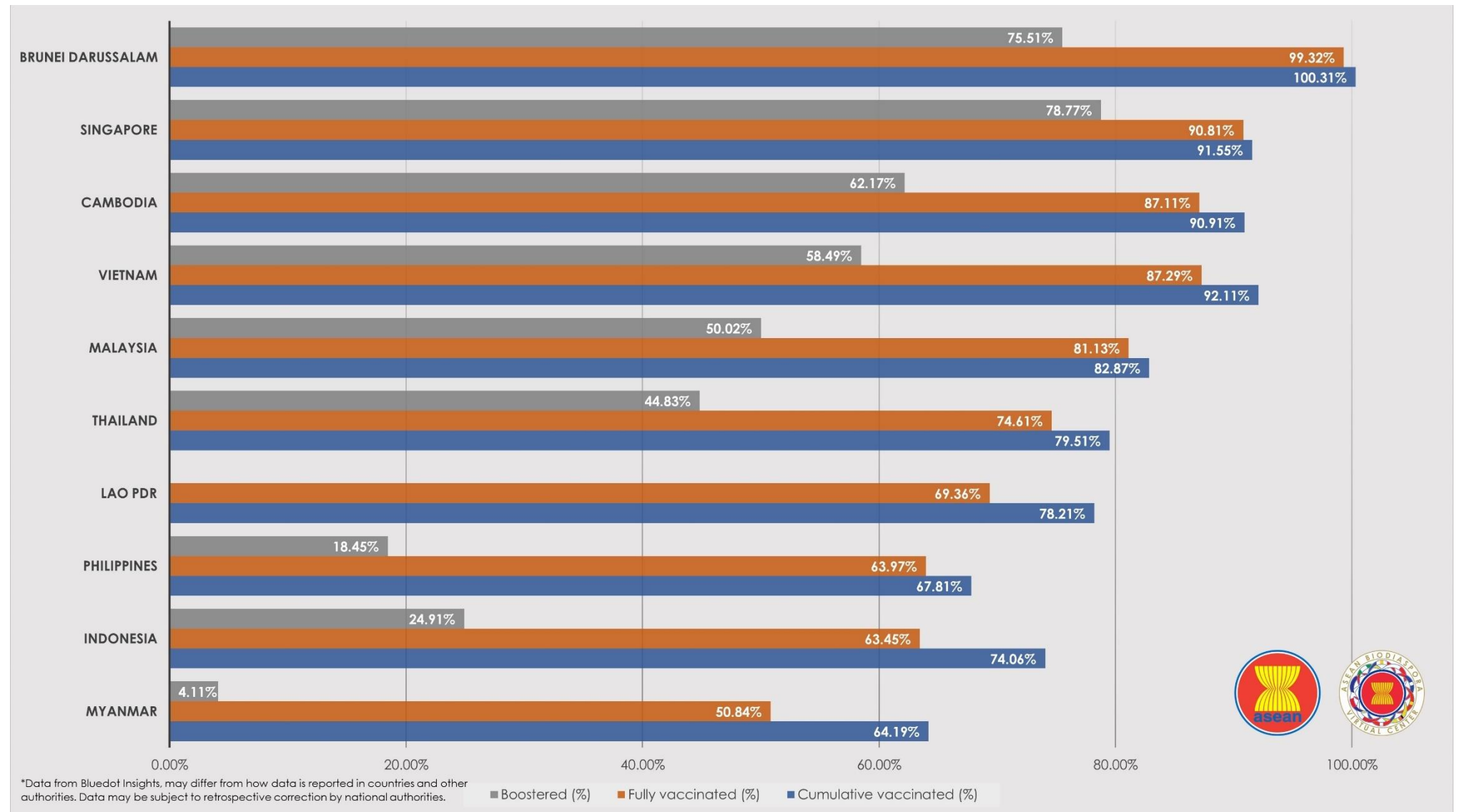
From January 1, 2022 to January 15, 2023





ASEAN COVID-19 Vaccination Status



as of 15 January 2023





ASEAN COVID-19 Outlook Assessment

as of 13 January 2023

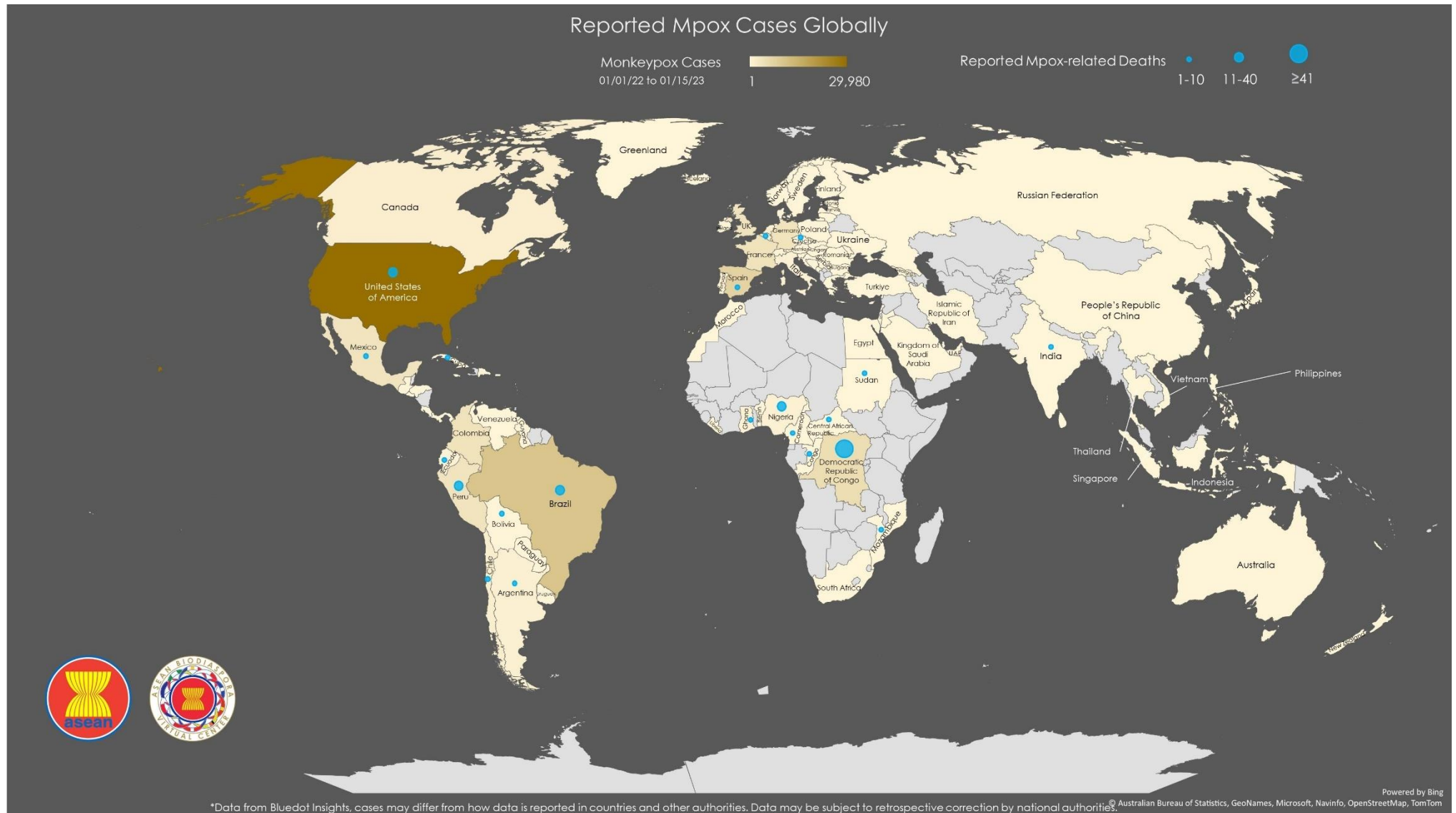
  ASEAN MEMBER STATE	<p>At least 65% of the total population has a level of immunity to COVID-19; either recovered from COVID-19 or have been vaccinated with at least one dose of a COVID-19 vaccine.</p>		<p>Case levels are generally low (a 7-day rolling average number of daily new cases that is <10 cases per 100,000, with each day's past-14-day test positivity is consistently <5%).</p>	<p>Government Policy on containment and health (strictness and comprehensiveness in COVID-19 related government policies)</p>
	% of Total population fully vaccinated / boosted	Population vaccinated/ day (7-day average)	Daily cases/ 100,000	Containment and health index score - Oxford COVID-19 Government Response Tracker (OxCGRT)
Brunei Darussalam	≥90.0/75.5	Unknown	80.68	31.0/100
Cambodia	≥90.0/62.2	Unknown	0.03	31.5/100
Indonesia	66.9/24.9	Unknown	0.14	54.2/100
Lao PDR	77.3/ND	Unknown	0.14	61.6/100
Malaysia	84.5/50.1	0%/day	1.13	51.8/100
Myanmar	52.1/4.1	Unknown	0.07	69.1/100
Philippines	71.5/18.5	Unknown	0.47	55.4/100
Singapore	≥90.0/78.8	0%/day	8.67	58.9/100
Thailand	77.7/44.8	Unknown	0.21	31.5/100
Vietnam	≥90.0/58.5	Unknown	0.06	43.5/100

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



Mpox (Monkeypox) Cases Reported Globally

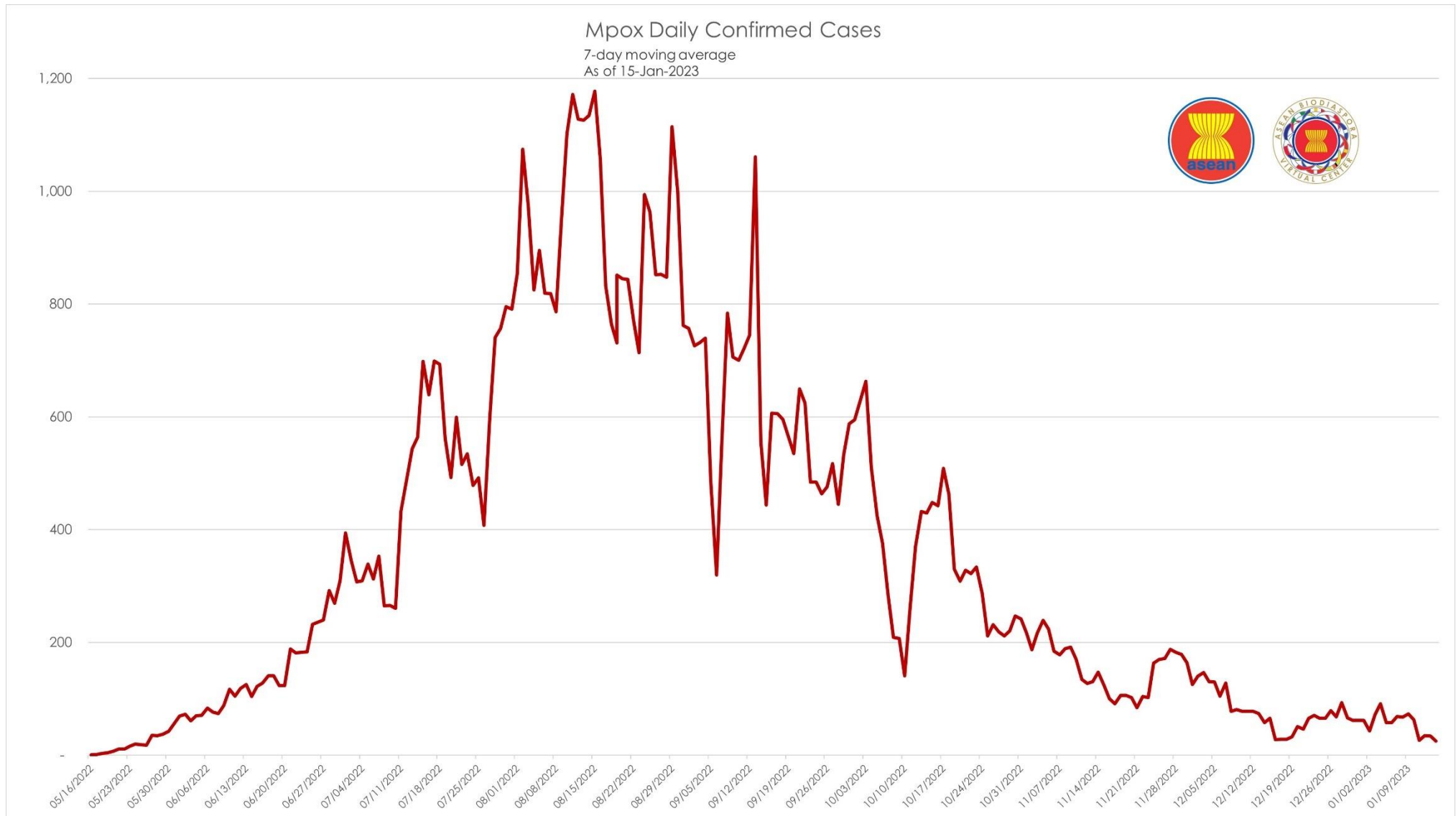
as of January 15, 2023





Mpox Daily Trend Globally

as of January 15, 2023





Mpox: Highlights and Situation Overview

- As of 16 January 2023 (1PM, GMT+7), worldwide, there were **91,142** confirmed cases, including **227** deaths. Globally, Case Fatality Rate (CFR) was **0.25%**.
- 40 confirmed cases** in the ASEAN region, with CFR of **0%**.
- 91,102 confirmed cases** of Mpox have been reported in other **5 regions** (other than ASEAN region):

Mpox cases in ASEAN region

Country	Total Cases	New Cases	Deaths	Case Fatality Rate (CFR)
Indonesia	1	-	-	0.00%
Philippines	4	-	-	0.00%
Singapore	19	-	-	0.00%
Thailand	12	-	-	0.00%
Vietnam	4	-	-	0.00%
ASEAN Total	40	-	-	0.00%

Mpox cases in Asia-Pacific region

Country/Territory	Total Cases	New Cases	Deaths	Case Fatality Rate (CFR)
Australia	144	-	-	0.00%
Hong Kong (SAR)	1	-	-	0.00%
India	23	-	1	5.00%
Japan	8	-	-	0.00%
New Caledonia	1	-	-	0.00%
New Zealand	40	-	-	0.00%
People's Republic of China*	9	-	-	0.00%
Republic of Korea	4	-	-	0.00%
Sri Lanka	2	-	-	0.00%
Asia-Pacific Total	232	-	1	0.45%

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

Top 5 countries with most mpox cases globally

Country	Total Cases	New Cases	Deaths	Case Fatality Rate (CFR)
United States of America	29,980	-	21	0.07%
Brazil	10,599	-	14	0.13%
Spain	7,505	-	3	0.04%
Democratic Republic of Congo	5,114	-	120	2.35%
France	4,114	-	-	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	6,783	-	161	2.37%
AMERICAS	57,624	54	60	0.10%
ASEAN	40	-	-	0.00%
ASIA PACIFIC	232	-	1	0.43%
EUROPE	26,144	-	5	0.02%
MIDDLE EAST	319	-	-	0.00%
TOTAL	91,142	54	227	0.25%



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1. NORIEGA, RICHA. "Philippines Detects 128 New Omicron Subvariant Cases." *GMA News Online*, GMA News Online, 14 Jan. 2023, <https://www.gmanetwork.com/news/topstories/nation/857430/philippines-detects-128-new-omicron-subvariant-cases/story/>.
2. Liu, Tianwen, and Zhe Gong. "Data Suggests Severe COVID-19 Cases in China's Latest Wave Have Peaked." *CGTN*, 16 Jan. 2023, <https://news.cgtn.com/news/2023-01-16/Data-suggests-severe-COVID-19-cases-in-China-s-latest-wave-have-peaked-1gDrcysXzX2/index.html>.



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