

COVID-19 and Mpox  
**Situational Report in the  
ASEAN Region**

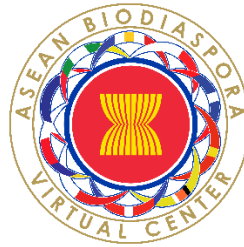
— ASEAN BioDiaspora Virtual Center (ABVC)



## ASSOCIATION OF SOUTHEAST ASIAN NATIONS



## ASEAN BODIASPORA VIRTUAL CENTER (ABVC)



## GLOBAL PARTNERS





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## COVID-19: Highlights and Situation Overview

### Global Update

- **Worldwide**, there have been over 649 million cases and over 6 million deaths attributed to COVID-19.
- **China's** National Health Commission (NHC) officially reported on December 19 (Monday) its first two COVID-related deaths since December 3. The NHC also reported 1,995 symptomatic infections on December 18, compared with 2,097 a day earlier. The country stopped reporting asymptomatic cases last week citing a drop in mandatory PCR testing after China's shift in COVID-19 policies. Meanwhile, Macau's government announced on December 19 (Monday) that it would cancel its regulations on COVID-19 risk zones in mainland China starting from December 20 (Tuesday). Meanwhile, Shanghai has ordered most of its schools to take classes online as COVID-19 cases increase starting today (December 19). Nurseries and childcare centers will also close starting today.

### Regional Update

- **Cambodia:** In Cambodia, four of the five age groups targeted for COVID-19 vaccine administration have exceeded 100% of the target numbers.<sup>4</sup> As of December 17, the number of teenagers aged 18 and up vaccinated for the first dosage stood at 10,379,768 versus the planned 10 million. This accounted for 103.80% of the initial goal.<sup>4</sup> Unfortunately, the number of persons who have been fully vaccinated with both the first and second doses is more than 330,000 lower than the number of people who have received their second dosage, which stands at 10,042,423.<sup>4</sup> The percentage of people in the 12 to 18 age range targeted for vaccination amounted at 1,827,348 and the percentage which turned up for the immunization stands at 1,849,095 adolescents or 101.19% of the initial target.<sup>4</sup> [\[Full Article\]](#)
- **Philippines:** The Department of Health is hoping that COVID-19 and Mpox will no longer be public health emergencies in 2023, as the global death toll from COVID-19 falls.<sup>5</sup> Speaking to ABS-Sakto, CBN's DOH officer-in-charge Maria Rosario Vergeire said her office is very hopeful that public health emergency of the 2 illnesses will be lifted shortly following a World Health Organization proclamation.<sup>5</sup> COVID-19 infections are increasing in the Philippines, according to Vergeire, since more Filipinos with COVID symptoms choose to employ antigen tests or self-isolate rather than contact a doctor.<sup>5</sup> However, she stated the COVID statistics cannot be deemed critical since hospitals are still able to manage these instances.<sup>5</sup> The DOH OIC said the health department continues to do genomic biosurveillance in the country but is no longer giving it focus "because no matter what subvariant comes in, the system can cope with it because of the vaccines and the hospitals can cope."<sup>5</sup> She urged those who test positive for COVID-19 must always wear a mask and quarantine.<sup>5</sup> [\[Full Article\]](#)

### Research Update (Published and peer-reviewed studies)

- The study **SARS-CoV-2 infection and persistence in the human body and brain at autopsy** showed that SAR-CoV-2 virus spread throughout the body (including the brain) and lingered for almost 8 months.<sup>1</sup> Researchers analyzed tissue samples from the autopsies of 44 people who died of COVID-19 from April 2020 to March 2021.<sup>1</sup> All of the patients died of COVID-19, and none were vaccinated.<sup>1</sup> The blood plasma of 38 patients tested positive for SARS-CoV-2, 3 tested negative, and plasma was unavailable for the other 3.<sup>1</sup> Analysis of the study showed that SARS-CoV-2 primarily infected and damaged airway and lung tissue.<sup>1</sup> But the researchers also found viral RNA in 84 distinct



body locations and bodily fluids, and in one case they isolated viral RNA 230 days after a patient's symptoms began.<sup>1</sup> The researchers also detected SARS-CoV-2 RNA and protein in the hypothalamus and cerebellum of one patient and in the spinal cord and basal ganglia of two other patients.<sup>1</sup> According to the researchers, they found little damage to brain tissue "despite substantial viral burden."<sup>1</sup> [\[Full Text\]](#)

- This study, **Long-term (180-Day) Outcomes in Critically Ill Patients With COVID-19 in the REMAP-CAP Randomized Clinical Trial**, determined the effect of multiple interventions for critically ill adults with COVID-19 on longer-term outcomes. Patients were randomized to receive 1 or more interventions within 6 treatment domains: immune modulators (n = 2274), convalescent plasma (n = 2011), antiplatelet therapy (n = 1557), anticoagulation (n = 1033), antivirals (n = 726), and corticosteroids (n = 401). Using a bayesian piecewise exponential model, it was observed that treatment with an IL-6 receptor antagonist had a greater than 99.9% probability of improved 180-day mortality compared with patients randomized to the control, and treatment with an antiplatelet had a 95.0% probability of improved 180-day mortality compared with patients randomized to the control. [\[Full Text\]](#)
- On September 1, 2022, a single bivalent booster dose was recommended for adults who had completed a primary vaccination series (with or without subsequent booster doses), with the last dose administered  $\geq 2$  months earlier (1).<sup>2</sup> During September 13–November 18, this study, **Early Estimates of Bivalent mRNA Vaccine Effectiveness in Preventing COVID-19–Associated Emergency Department or Urgent Care Encounters and Hospitalizations Among Immunocompetent Adults — VISION Network, Nine States, September–November 2022**, evaluated vaccine effectiveness (VE) of a bivalent mRNA booster dose (after 2, 3, or 4 monovalent doses) compared with 1) no previous vaccination and 2) previous receipt of 2, 3, or 4 monovalent-only mRNA vaccine doses, among immunocompetent adults aged  $\geq 18$  years with an emergency department/urgent care (ED/UC) encounter or hospitalization for a COVID-19–like illness.<sup>2</sup> VE of a bivalent booster dose (after 2, 3, or 4 monovalent doses) against COVID-19–associated ED/UC encounters was 56% compared with no vaccination, 31% compared with monovalent vaccination only with last dose 2–4 months earlier, and 50% compared with monovalent vaccination only with last dose  $\geq 11$  months earlier.<sup>2</sup> VE of a bivalent booster dose (after 2, 3, or 4 monovalent doses) against COVID-19–associated hospitalizations was 57% compared with no vaccination, 38% compared with monovalent vaccination only with last dose 5–7 months earlier, and 45% compared with monovalent vaccination only with last dose  $\geq 11$  months earlier.<sup>2</sup> Bivalent vaccines administered after 2, 3, or 4 monovalent doses were effective in preventing medically attended COVID-19 compared with no vaccination and provided additional protection compared with past monovalent vaccination only, with relative protection increasing with time since receipt of the last monovalent dose.<sup>2</sup> [\[Full Text\]](#)
- In this multicenter cohort study of more than 11 000 US mothers, **COVID-19 Pandemic Experiences and Symptoms of Pandemic-Associated Traumatic Stress Among Mothers in the US**, associations between pandemic-associated hardships, coping strategies, and behavior changes with pandemic-associated traumatic stress (PTS) symptoms were evaluated.<sup>3</sup> OBJECTIVES To identify and describe clusters of mothers of children participating in the Environmental influences on Child Health Outcomes (ECHO) Program that characterize pandemic associated hardships, coping mechanisms, and behaviors, and to evaluate associations between pandemic-associated hardships, coping strategies, and behavior changes with pandemic-associated traumatic stress symptoms (PTS).<sup>3</sup> The study surveyed 11 473 mothers (mean [SD] age, 37.8 [7.4] years; 342 American Indian [2.98%], 378 Asian [3.29%], 1701 Black [14.83%], and 7195 White [62.71%]; 2184 with Hispanic/ Latina ethnicity [19.04%]) and identified 2 clusters that best characterized their COVID-19 pandemic experiences—one characterized by higher life



disruptions (eg, to work and health care), higher social isolation, more coping behaviors to mitigate the outcomes of the pandemic, and more changes to their health behavior routines (high change [1031 mothers]) and the other characterized by lower changes (low change [3061 mothers]).<sup>3</sup> The high change cluster was more socioeconomically advantaged and reported higher PTS (mean [SD] number of symptoms, 3.72 [2.44] vs 2.51 [2.47]).<sup>3</sup> Across both clusters, higher pandemic-associated hardships, coping mechanisms, and behavior changes were associated with higher PTS, and these associations were greater in the low change cluster.<sup>3</sup> [\[Full Text\]](#)

### **Travel Update**

- **Macao SAR:** The government of Macao announced on December 19 (Monday) that all arrivals into Macau via the mainland, including from overseas, need to show a negative COVID test conducted within the last 72 hours from 48 hours previously.



## COVID-19 Cases and Deaths as of 19 December 2022

- As of 19 December 2022 (2PM, GMT+8), worldwide, there were **649,048,837** confirmed cases, including **6,673,670** deaths. Globally, Case Fatality Rate (CFR) was **1.2%**.
- 35,458,055 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               | 18-Dec-22                          | 261,440               | -            | 225            | -          | 60,339                   | 450,404               | 445,929                     | 338,987              | 99.3                 |
|                 | Cambodia          | 27 Jan 20               | 18-Dec-22                          | 138,387               | 25           | 3,056          | -          | 839                      | 15,226,312            | 14,590,810                  | 10,358,897           | 87.0                 |
|                 | Indonesia         | 02 Mar 20               | 18-Dec-22                          | 6,709,597             | 860          | 160,398        | 14         | 2,479                    | 203,715,848           | 174,119,714                 | 66,624,569           | 63.2                 |
|                 | Lao PDR           | 24 Mar 20               | 18-Dec-22                          | 217,430               | 18           | 758            | -          | 3,033                    | 5,888,649             | 5,222,417                   |                      | 69.4                 |
|                 | Malaysia          | 25 Jan 20               | 18-Dec-22                          | 5,017,863             | 847          | 36,806         | 6          | 15,705                   | 28,117,401            | 27,528,452                  | 16,877,358           | 81.1                 |
|                 | Myanmar           | 23 Mar 20               | 18-Dec-22                          | 633,555               | 4            | 19,488         | -          | 1,172                    | 34,777,314            | 27,545,329                  | 2,227,351            | 50.8                 |
|                 | Philippines       | 30 Jan 20               | 18-Dec-22                          | 4,056,239             | 843          | 65,064         | 30         | 3,752                    | 78,196,194            | 73,738,568                  | 20,946,059           | 63.8                 |
|                 | Singapore         | 23 Jan 20               | 18-Dec-22                          | 2,185,128             | 1,052        | 1,709          | -          | 38,312                   | 5,156,279             | 5,113,405                   | 4,440,289            | 90.7                 |
|                 | Thailand          | 13 Jan 20               | 18-Dec-22                          | 4,715,489             | -            | 33,392         | -          | 6,773                    | 57,005,497            | 53,486,086                  | 32,143,431           | 74.6                 |
|                 | Vietnam           | 23 Jan 20               | 18-Dec-22                          | 11,522,927            | 177          | 43,179         | -          | 11,946                   | 90,156,999            | 84,690,714                  | 56,988,856           | 86.3                 |
| ASEAN COUNTRIES |                   |                         |                                    | <b>35,458,055</b>     | <b>3,826</b> | <b>364,075</b> | <b>50</b>  | <b>144,350</b>           | <b>518,690,897</b>    | <b>466,481,424</b>          | <b>210,945,797</b>   |                      |

\*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               | 18-Dec-22                          | 207,037               | 94        | 7,845        | 1          | 544                      | 11,320,910            | 10,615,628                  |                      | 25.8                 |
|                     | Australia                   | 25-Jan-20               | 13-Dec-22                          | 10,861,411            | -         | 16,438       | -          | 42,345                   | 22,235,551            | 21,656,364                  | 19,613,644           | 82.7                 |
|                     | Bangladesh                  | 08-Mar-20               | 18-Dec-22                          | 2,036,928             | 17        | 29,438       | -          | 1,249                    | 149,138,275           | 125,670,627                 | 60,611,619           | 73.4                 |
|                     | Bhutan                      | 05-Mar-20               | 14-Dec-22                          | 62,521                | -         | 21           | -          | 8,193                    | 699,116               | 677,669                     | 634,641              | 86.6                 |
|                     | People's Republic of China* |                         | 18-Dec-22                          | 11,312,858            | 33,306    | 31,307       | 0          | 68,195                   | 1,334,003,248         | 1,300,815,376               | 209,906,904          | 89.1                 |
|                     | Cook Islands                | 17-Feb-22               | 14-Sep-22                          | 6,389                 | -         | 1            | -          | 29,872                   | 15,084                | 14,715                      | 10,209               | 86.4                 |
|                     | Fiji                        | 18-Mar-20               | 04-Dec-22                          | 68,451                | -         | 878          | -          | 7,692                    | 711,429               | 640,282                     | 169,174              | 68.9                 |
|                     | French Polynesia            | 12-Mar-20               | 13-Dec-22                          | 77,646                | -         | 649          | -          | 27,802                   | 190,765               | 186,059                     | 112,237              | 60.8                 |
|                     | Guam                        | 15-Mar-20               | 16-Dec-22                          | 59,677                | -         | 411          | -          | 35,672                   | 158,105               | 143,551                     |                      | 85.2                 |
|                     | India                       | 30-Jan-20               | 18-Dec-22                          | 44,675,952            | 176       | 530,672      | 5          | 3,270                    | 1,027,087,217         | 950,909,151                 | 221,686,727          | 67.1                 |



|                                 |           |           |                    |               |                |           |                |                      |                      |                    |      |
|---------------------------------|-----------|-----------|--------------------|---------------|----------------|-----------|----------------|----------------------|----------------------|--------------------|------|
| <b>Japan</b>                    | 16-Jan-20 | 19-Oct-22 | 21,858,528         | -             | 46,014         | -         | 17,312         | 104,463,749          | 103,036,970          | 150,730,081        | 83.1 |
| <b>Kiribati</b>                 | 25-Jan-22 | 25-Jul-22 | 3,430              | -             | 13             | -         | 2,917          | 96,184               | 73,888               | 23,419             | 56.3 |
| <b>Maldives</b>                 | 07-Mar-20 | 13-Dec-22 | 185,651            | -             | 311            | -         | 34,966         | 399,146              | 385,076              | 167,176            | 73.5 |
| <b>Marshall Islands</b>         | 26-Oct-20 | 09-Dec-22 | 15,547             | -             | 17             | -         | 26,445         | 42,920               | 34,305               |                    | 44.1 |
| <b>Micronesia</b>               | 11-Jan-21 | 31-Oct-22 | 22,203             | -             | 55             | -         | 19,508         | 83,562               | 70,339               |                    | 68.7 |
| <b>Mongolia</b>                 | 10-Mar-20 | 17-Dec-22 | 1,007,025          | -             | 2,179          | -         | 31,224         | 2,272,965            | 2,175,617            | 1,044,337          | 64.0 |
| <b>Nepal</b>                    | 24-Jan-20 | 15-Dec-22 | 1,000,945          | -             | 12,019         | -         | 3,499          | 27,398,529           | 23,857,858           | 8,674,375          | 78.1 |
| <b>New Caledonia</b>            | 17-Mar-20 | 13-Dec-22 | 78,244             | -             | 314            | -         | 27,187         | 191,660              | 184,116              | 93,983             | 63.5 |
| <b>New Zealand</b>              | 28-Feb-20 | 12-Dec-22 | 2,019,685          | -             | 3,371          | -         | 41,076         | 4,299,152            | 4,137,155            | 3,479,861          | 79.8 |
| <b>Niue</b>                     | 03-Sep-21 | 16-Dec-22 | 226                | -             | -              | -         | 10,434         | 1,255                | 1,227                | 1,153              | 62.9 |
| <b>Northern Mariana Islands</b> | 28-Mar-20 | 16-Dec-22 | 13,245             | -             | 41             | -         | 23,149         | 46,340               | 43,770               |                    | 84.4 |
| <b>Pakistan</b>                 | 26-Feb-20 | 18-Dec-22 | 1,575,585          | 13            | 30,635         | -         | 728            | 139,644,465          | 132,317,738          | 48,935,695         | 56.1 |
| <b>Palau</b>                    | 31-May-21 | 13-Dec-22 | 5,933              | -             | 9              | -         | 32,946         | 20,714               | 18,458               |                    | 85.7 |
| <b>Papua New Guinea</b>         | 21-Mar-20 | 13-Dec-22 | 46,457             | -             | 669            | -         | 529            | 364,894              | 304,687              | 30,676             | 3.0  |
| <b>Samoa</b>                    | 18-Nov-20 | 25-Nov-22 | 15,967             | -             | 29             | -         | 8,101          | 231,546              | 215,077              | 79,061             | 96.7 |
| <b>Solomon Islands</b>          | 03-Oct-20 | 24-Nov-22 | 24,575             | -             | 153            | -         | 3,669          | 343,821              | 254,352              | 27,783             | 35.1 |
| <b>Republic of Korea**</b>      | 20-Jan-20 | 18-Dec-22 | 28,188,293         | 16,220        | 31,395         | 16        | 54,513         | 45,134,185           | 44,704,644           | 41,324,379         | 86.3 |
| <b>Sri Lanka</b>                | 27-Jan-20 | 18-Dec-22 | 671,813            | 5             | 16,814         | -         | 3,081          | 17,143,761           | 14,752,827           | 8,220,002          | 67.6 |
| <b>Timor Leste</b>              | 21-Mar-20 | 16-Dec-22 | 23,379             | -             | 138            | -         | 1,808          | 872,617              | 779,475              | 291,233            | 58.1 |
| <b>Tonga</b>                    | 05-Nov-21 | 06-Sep-22 | 16,182             | -             | 12             | -         | 15,486         | 91,949               | 77,464               | 38,331             | 72.5 |
| <b>Türkiye</b>                  | 10-Mar-20 | 12-Dec-22 | 17,041,315         | -             | 101,487        | -         | 20,426         | 57,941,051           | 53,176,961           | 41,425,329         | 62.3 |
| <b>Vanuatu</b>                  | 11-Nov-20 | 02-Nov-22 | 11,952             | -             | 14             | -         | 3,986          | 144,824              | 131,697              | 16,996             | 40.3 |
| <b>Wallis et Futuna</b>         | 17-Oct-20 | 28-Jul-22 | 761                | -             | 7              | -         | 4,749          | 7,136                | 6,794                | 3,742              | 58.6 |
| <b>ASIA PACIFIC</b>             |           |           | <b>143,195,811</b> | <b>49,831</b> | <b>863,356</b> | <b>22</b> | <b>612,570</b> | <b>2,946,796,125</b> | <b>2,792,069,917</b> | <b>817,352,767</b> |      |

\*Includes cases from Hong Kong (SAR), Macau (SAR), and Republic of China (Taiwan).

\*\*Republic of Korea – South Korea

- **469,540,945 confirmed cases** of COVID-19 have been reported in other **4 regions** (other than ASEAN and Asia-Pacific countries):

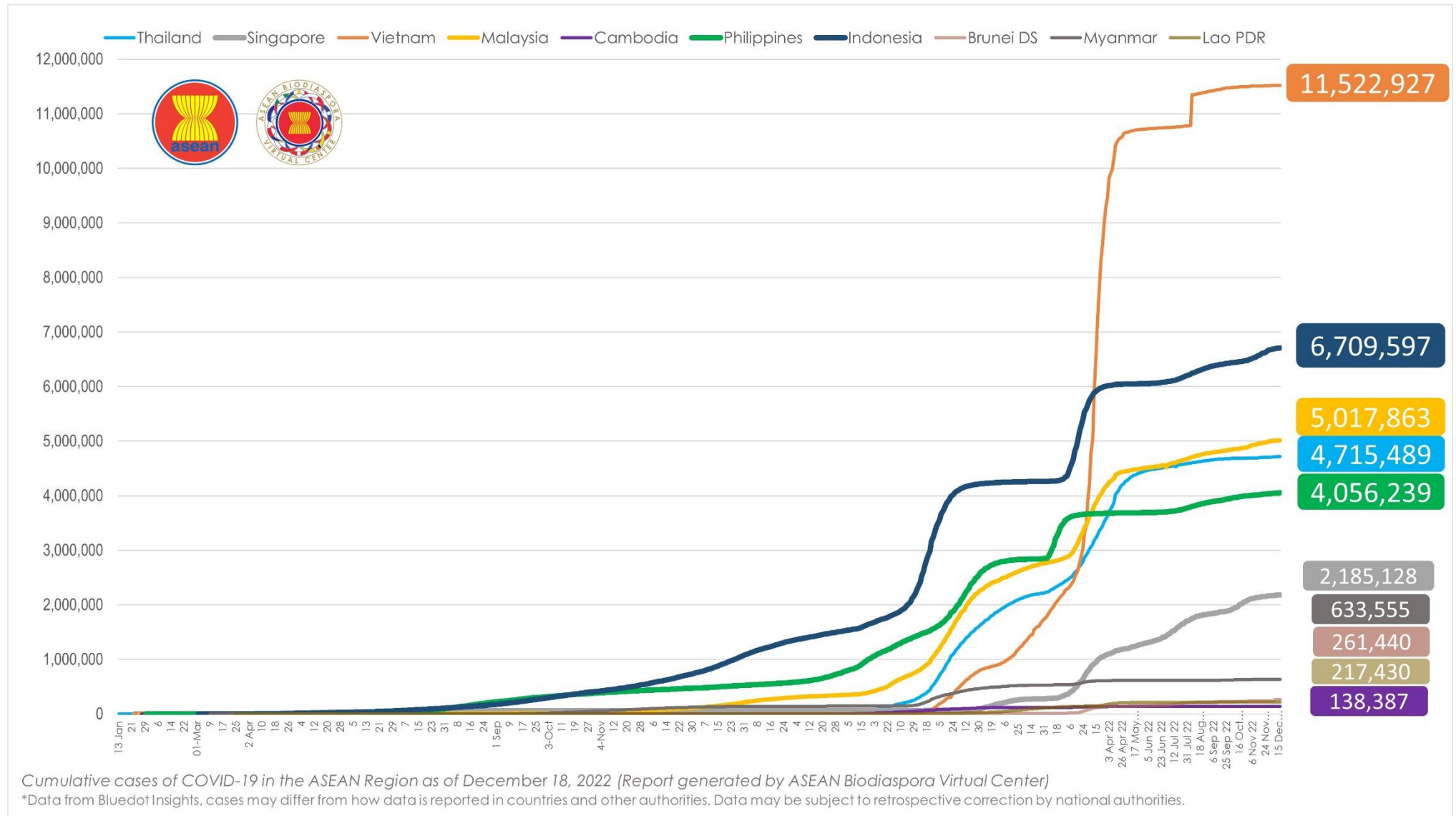
| REGION             | TOTAL CONFIRMED CASES | NEW CASES     | TOTAL DEATHS     | NEW DEATHS | CUMULATIVE CASES/ 100,000 | CUMULATIVE VACCINATED | CUMULATIVE FULLY VACCINATED | CUMULATIVE BOOSTERED |
|--------------------|-----------------------|---------------|------------------|------------|---------------------------|-----------------------|-----------------------------|----------------------|
| <b>AFRICA</b>      | 12,994,390            | 263           | 259,250          | 4          | 247,397                   | 456,803,234           | 371,428,151                 | 59,674,628           |
| <b>AMERICAS</b>    | 187,635,989           | 12,111        | 2,917,448        | 32         | 1,222,490                 | 833,064,252           | 732,578,368                 | 485,674,326          |
| <b>EUROPE</b>      | 247,132,238           | 45,897        | 2,030,765        | 61         | 2,080,181                 | 568,607,674           | 539,597,834                 | 376,059,987          |
| <b>MIDDLE EAST</b> | 22,632,354            | 982           | 238,776          | 5          | 214,908                   | 144,506,725           | 129,815,862                 | 59,968,391           |
| <b>TOTAL</b>       | <b>470,394,971</b>    | <b>59,253</b> | <b>5,446,239</b> | <b>102</b> | <b>3,764,976</b>          | <b>2,002,981,885</b>  | <b>1,773,420,215</b>        | <b>981,377,332</b>   |





# COVID-19 Epi curve among ASEAN Countries:

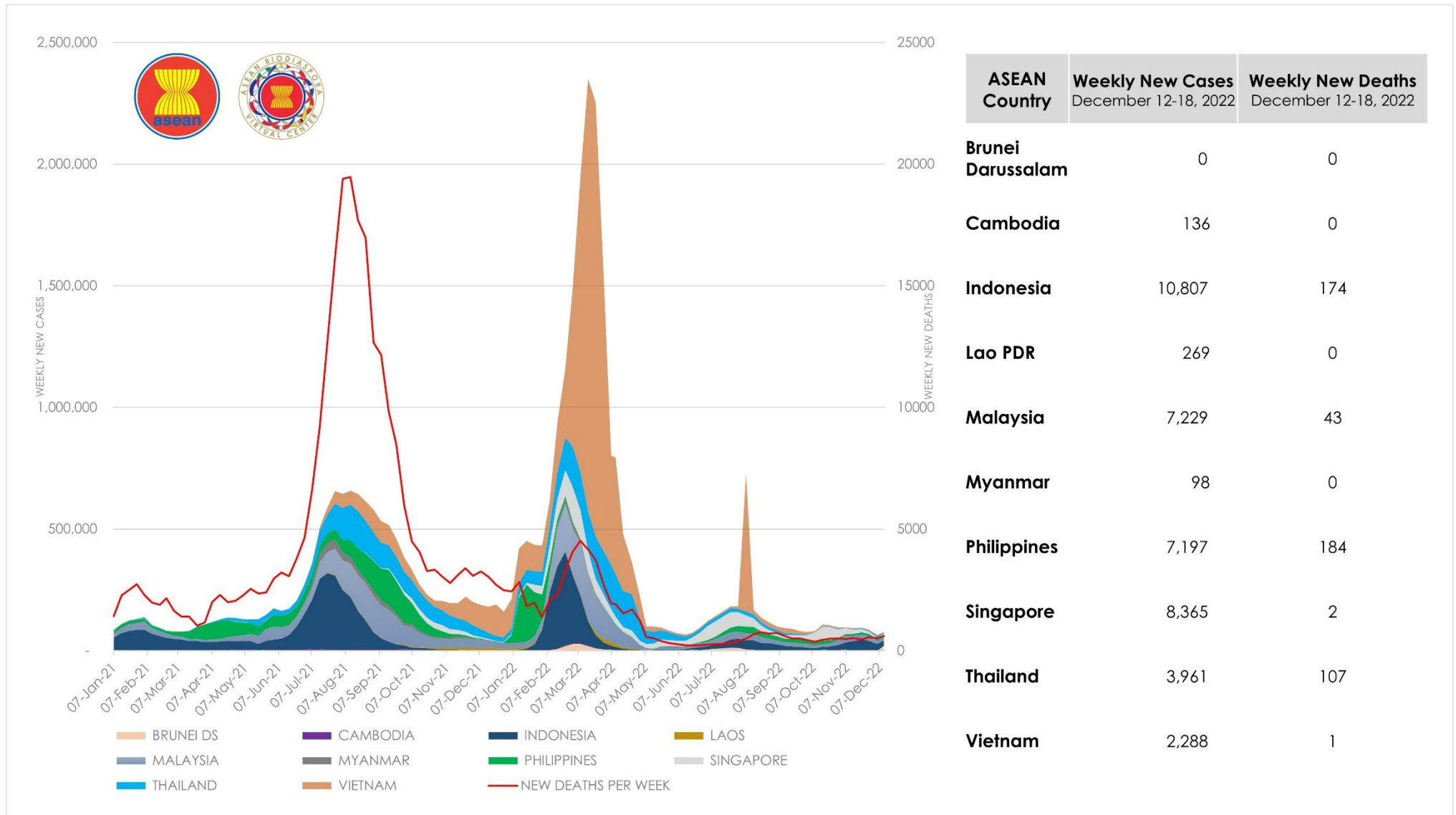
From January 1, 2021 to December 18, 2022





# ASEAN Weekly COVID-19 New Cases and New Deaths

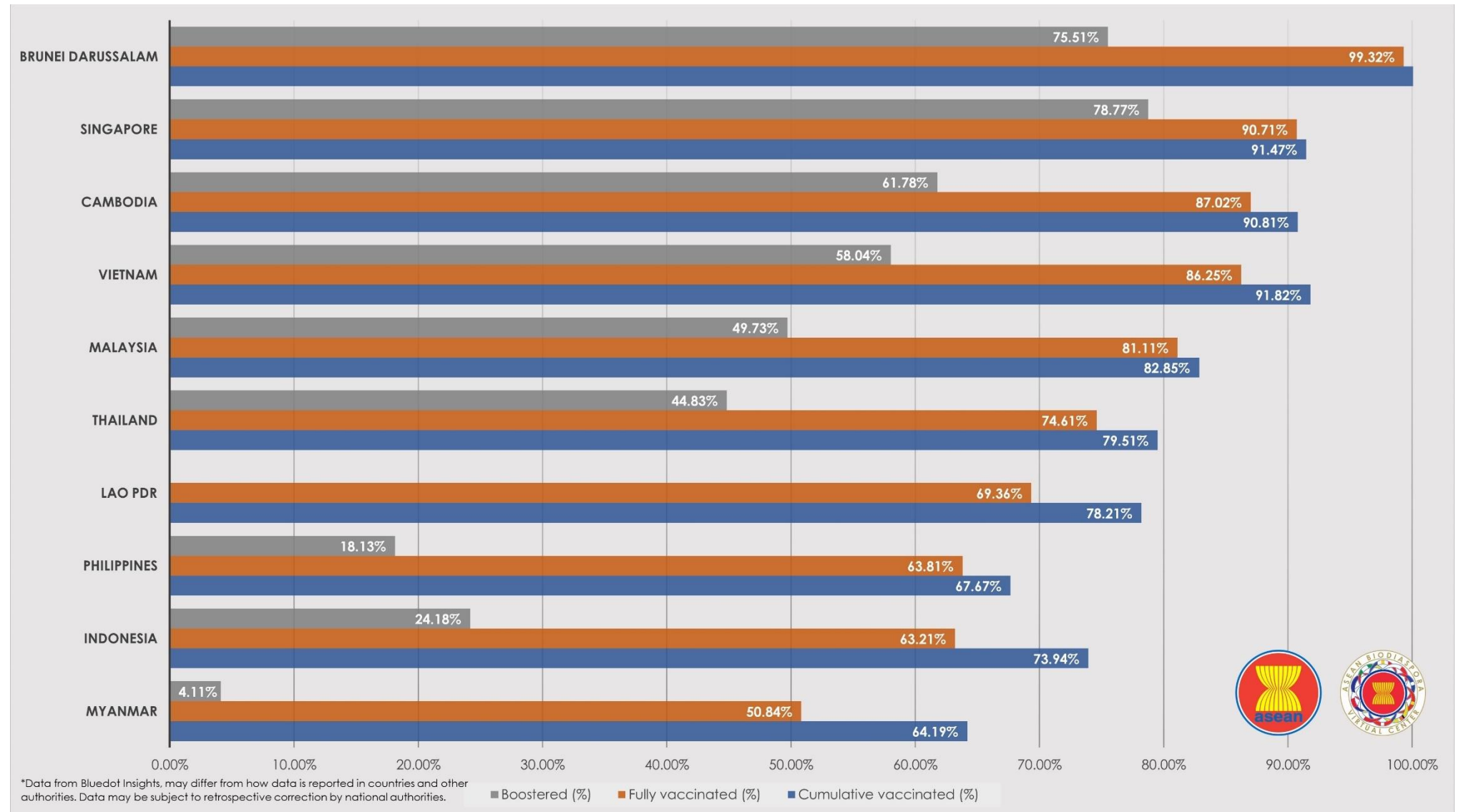
From January 1, 2021 to December 18, 2022





# ASEAN COVID-19 Vaccination Status


as of 18 December 2022





# ASEAN COVID-19 Outlook Assessment

as of 16 December 2022

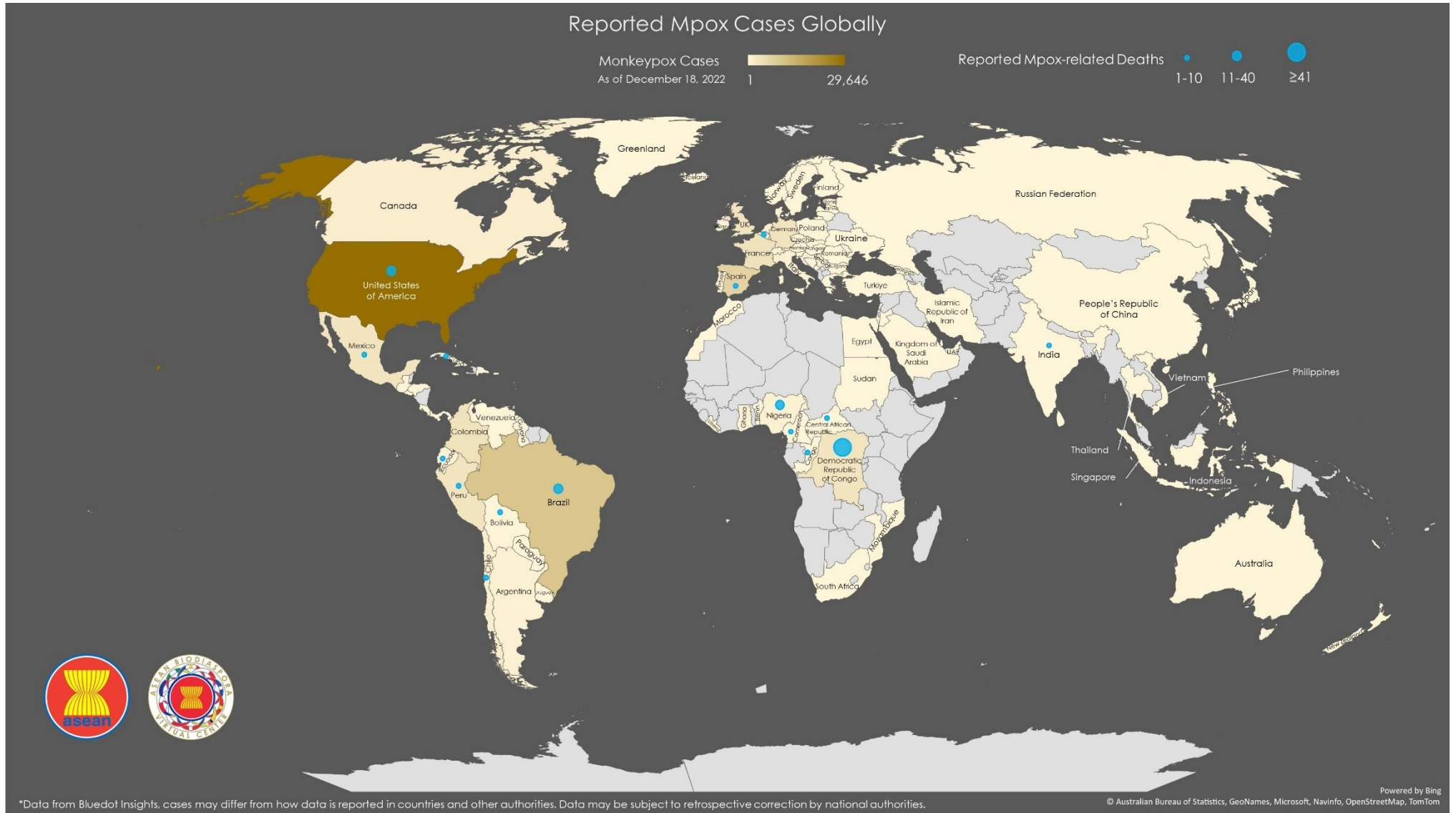
| <br><b>ASEAN MEMBER STATE</b> | At least <b>65% of the total population has a level of immunity</b> to COVID-19; either recovered from COVID-19 or have been vaccinated with at least one dose of a COVID-19 vaccine. |  | <b>Case levels are generally low</b> (a 7-day rolling average number of daily new cases that is <10 cases per 100,000, with each day's past-14-day test positivity is consistently <5%). | <b>Government Policy</b> 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   | Containment and health index score - Oxford COVID-19 Government Response Tracker (OxCGRT)                                     |
| Brunei Darussalam  | ≥90.0/75.5  | Unknown                                    | 672.47   | 31.0/100  |
| Cambodia   | ≥90.0/61.8  | Unknown                                    | 0.13   | 31.5/100  |
| Indonesia  | 66.7/24.2   | Unknown                                    | 0.72   | 54.2/100  |
| Lao PDR  | 77.3/ND   | Unknown                                    | 0.61   | 61.6/100  |
| Malaysia   | 84.5/49.7   | 0%/day                                     | 3.60   | 51.8/100  |
| Myanmar  | 52.1/4.1  | Unknown                                    | 0.04   | 69.1/100  |
| Philippines  | 71.4/18.1   | Unknown                                    | 1.01   | 55.4/100  |
| Singapore  | ≥90.0/78.8  | Unknown                                    | 21.58  | 58.9/100  |
| Thailand   | 77.7/44.8   | Unknown                                    | 0.81   | 31.5/100  |
| Vietnam  | ≥90.0/58.0  | Unknown                                    | 0.38   | 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 December 18, 2022



\*Mpox data is now automatically collected by Bluedot from Our World in Data. Adjustments were made to correct the data.



## Mpox: Highlights and Situation Overview

- As of 19 December 2022 (2PM, GMT+8), worldwide, there were **87,819** confirmed cases, including **213** deaths. Globally, Case Fatality Rate (CFR) was **0.24%**.
- **40 confirmed cases** in the ASEAN region, with CFR of **0%**.
- **87,779 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%                    |
| <b>ASEAN Total</b> | <b>40</b>   | <b>-</b>  | <b>-</b> | <b>0.00%</b>             |

### 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                       | 7           | -         | -        | 0.00%                    |
| New Caledonia               | 1           | -         | -        | 0.00%                    |
| New Zealand                 | 40          | -         | -        | 0.00%                    |
| People's Republic of China* | 5           | -         | -        | 0.00%                    |
| Republic of China*          | 4           | -         | -        | 0.00%                    |
| Republic of Korea*          | 4           | -         | -        | 0.00%                    |
| Sri Lanka                   | 2           | -         | -        | 0.00%                    |
| <b>Asia-Pacific Total</b>   | <b>231</b>  | <b>-</b>  | <b>1</b> | <b>0.45%</b>             |

\*People's Republic of China – China, Republic of China – Taiwan, Republic of Korea – South Korea

### Top 5 countries with most mpox cases globally

| Country                  | Total Cases | New Cases | Deaths | Case Fatality Rate (CFR) |
|--------------------------|-------------|-----------|--------|--------------------------|
| United States of America | 29,646      | -         | 20     | 0.07%                    |
| Brazil                   | 10,264      | 12        | 14     | 0.14%                    |
| Spain                    | 7,416       | 4         | 3      | 0.04%                    |
| France                   | 4,110       | -         | -      | 0.00%                    |
| Colombia                 | 3,908       | -         | -      | 0.00%                    |

\*Adjusted cases from previous report



## Mpox cases per region

| REGION       | TOTAL CONFIRMED CASES SINCE JANUARY 1, 2022 | NEW CASES SINCE THE PREVIOUS REPORT | TOTAL DEATHS | CASE FATALITY RATE |
|--------------|---|-------------------------------------|--------------|--------------------|
| AFRICA       | 5,137                                       | -                                   | 160          | 3.11%              |
| AMERICAS     | 56,091                                      | 31                                  | 47           | 0.08%              |
| ASEAN        | 40  | -                                   | -            | 0.00%              |
| ASIA PACIFIC | 231   | -                                   | 1            | 0.43%              |
| EUROPE       | 26,001                                      | -                                   | 4            | 0.02%              |
| MIDDLE EAST  | 319   | -                                   | -            | 0.00%              |
| <b>TOTAL</b> | <b>87,819</b>                               | <b>31</b>                           | <b>213</b>   | <b>0.24%</b>       |

## Vaccine Update

- Trinidad and Tobago:** The term "responsibility" refers to the act of determining whether or not a person is responsible for his or her own actions.<sup>6</sup> In a statement the Ministry stated this is the first of two shipments under the Pan American Health Organization (PAHO) vaccine purchasing network.<sup>6</sup> According to the Ministry, the second consignment of 1,400 dosages is expected to arrive in the country soon.<sup>6</sup> This would equate to a total of 2,800 doses of the locally available two-dose "mpox" vaccinations.<sup>6</sup> The WHO interim guidelines will be adopted by the Ministry of Health on November 16<sup>th</sup>, 2022.<sup>6</sup>



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