

# Risk Assessment for International Dissemination of COVID-19 to the ASEAN Region

ASEAN Biodiaspora Virtual Center (ABVC)

as of February 3, 2021 (2:00 PM GMT+8)



## COVID-19: Highlights and Situation Overview

- Worldwide, there have been over 104.3 million cases and more than 2.2 million deaths attributed to COVID-19.
- Malaysia's Movement Control Order (MCO), which will end on February 4, has been extended and will be enforced from February 5 to February 18. A Senior Minister in Malaysia said that all states except for Sarawak will be placed under MCO.
- The Brunei government has issued several guidelines as precautionary measures against COVID-19 during the upcoming Chinese New Year celebrations. According to Brunei's Ministry of Health, the Chinese New Year can be celebrated in the country with family members only by holding private events. Those with large families are permitted to have private events at banquet halls in hotels or restaurants, provided that Mass Gathering guidelines are adhered to, including the provision of hand sanitizers and conducting temperature checks at the premises. If the number of family members is huge, the celebrations' attendance should be limited to a maximum of 350 people. Lion dance is allowed, however, the venue for the event is required to obtain a BruHealth (a locally-developed mobile health application) QR code in advance. Lion dance troupe members and guests present must scan the QR code before entering and exiting the premises. Brunei reported no new cases of COVID-19 for 5 consecutive days, keeping the total COVID-19 cases in the country at 180.
- Vietnam's Health Minister said on Tuesday (February 2) that the more contagious UK variant of COVID-19 is linked to a new outbreak in Vietnam with 276 people infected in 10 provinces and cities. According to the minister, gene sequencing showed that 12 of 276 newly detected patients are positive with the UK variant, however, the source of this outbreak remains unknown. The new cases are a major uptick for Vietnam, which has only recorded 1,850 cases and 35 coronavirus-related deaths since the start of the pandemic last year. Vietnam had its first outbreak in nearly 2 months on January 28, setting a daily record of 83 new infections. The cluster where the virus re-emerged last week in northern province Hai Duong is now under control, according to health minister Nguyen Thanh Long.

### Vaccine Update

- Myanmar expects to receive approximately 2 million doses of India's Covishield/AstraZeneca vaccine by the first week of February despite the shutting down of Yangon International Airport due to political unrest. The country has purchased 30 million doses of these vaccines. Vaccination program is currently on-going for healthcare workers and volunteers. Vaccination for the public is expected to commence on February 5. According to the Ministry of Health and Sports on February 2, Myanmar will proceed with its COVID-19 vaccination program despite recent political developments. The office of the Commander-in Chief of the Defence Services has issued a statement on February 1 stating that the country will continue to run its COVID-19 prevention schemes and programs as usual.
- AstraZeneca PLC, a British-Swedish multinational pharmaceutical and biopharmaceutical company with its headquarters in Cambridge, England, signed a deal Monday to supply Vietnam 30 million doses in the first half of this year for domestic inoculation. Other details of the deal, including pricing and delivering timings, have not been confirmed.
- A total of 10 million doses of raw materials for COVID-19 vaccine from the Chinese biopharmaceutical company Sinovac Biotech arrived at Soekarno-Hatta International Airport in Indonesia's city of Tangerang on Tuesday (February 2). According to the government official, there are now 28 million doses of COVID-19 vaccine in Indonesia, adding that among them, 3 million doses were ready to use, and another 25 million doses arrived in the form of raw materials. According to the Corporate Secretary of Indonesian state-run vaccine manufacturer Bio Farma, 15 million doses of vaccine raw materials that arrived in Indonesia on January 12 are still under process for the

ready-to-use vaccine, targeted to be completed on February 11. He added that the raw materials which has arrived on Tuesday (February 2) will be processed starting from February13 and expected to be completed on March 20. A spokesperson for the Health Ministry's COVID-19 Vaccination said more than 500,000 medical workers have so far been vaccinated. The target is to have 1.5 million medical workers should be vaccinated before the end of February.

#### Travel Advisories (new update/s)

- Singapore: According to the Foreign Affairs Minister, Singapore has reached out with Malaysia in principle agreement to have protocols for travel in circumstances such as family bereavements. It was reported on January 3 that both governments are in talks on standardizing the standard operating procedure (SOP) for those wishing to travel between the two countries for compassionate reasons. The minister on February 2 said that the exact details are still being worked out. Also, according to its Malaysian counterpart, the SOP for such travels is on an *ad hoc* basis whereby those requiring to travel across the border must submit an appeal letter
- Myanmar: The Yangon International Airport ceased operations following political unrest which sparked on February 1.

#### Cases and Deaths as of 03 February 2021

- As of 03 February (2PM, GMT+8), worldwide, there were **104,476,237** confirmed cases, including **2,261,569** deaths. Globally, Case Fatality Rate (CFR) is **2.2**.
- In **China**, there were **101,044** confirmed cases with **4,827** deaths, including deaths in Hong Kong (183) and Taiwan (8). Confirmed cases in China include confirmed cases in Hong Kong (10,512), Macau (47), and Taiwan (915).
- **2,074,312 confirmed cases** of COVID-19 have been reported in the ASEAN region with a total of **45,530 deaths**, with a CFR of **2.2**.

| REGION       | COUNTRY     | FIRST CONFIRMED CASE(S) | LATEST REPORT ON CONFIRMED CASE(S) | TOTAL CONFIRMED CASES | NEW CASES (7-DAY ROLLING AVERAGE) | TOTAL DEATHS  | NEW DEATHS (7-DAY ROLLING AVERAGE) | CASE FATALITY RATE | REPORTED CASES/ 100,000 | REPORTED TESTS LAST 14 DAYS/ 100,000 | RT MEAN** |
|--------------|-------------|-------------------------|------------------------------------|-----------------------|-----------------------------------|---------------|------------------------------------|--------------------|-------------------------|--------------------------------------|-----------|
| ASEAN REGION | Brunei      | 10 Mar 20               | 28-Jan-21                          | 180                   | (1)                               | 3             |                                    | 1.7                | 41                      |                                      |           |
|              | Cambodia    | 27 Jan 20               | 01-Feb-21                          | 466                   | (1)                               |               |                                    | -                  | 3                       |                                      |           |
|              | Indonesia   | 02 Mar 20               | 02-Feb-21                          | 1,099,867             | 10,379 (12,502)                   | 30,581        | 304 (302)                          | 2.8                | 421                     | 202                                  | 1.0       |
|              | Lao PDR     | 24 Mar 20               | 25-Jan-21                          | 44                    |                                   |               |                                    | -                  | 1                       |                                      |           |
|              | Malaysia    | 25 Jan 20               | 02-Feb-21                          | 222,628               | 3,455 (4,599)                     | 791           | 71 (13)                            | 0.4                | 683                     | 2,057                                | 1.2       |
|              | Myanmar     | 23 Mar 20               | 02-Feb-21                          | 140,354               | 209 (284)                         | 3,138         | 7 (8)                              | 2.2                | 265                     | 381                                  | 0.7       |
|              | Philippines | 30 Jan 20               | 02-Feb-21                          | 528,853               | 1,581 (1,812)                     | 10,874        | 67 (70)                            | 2.1                | 512                     | 370                                  | 1.1       |
|              | Singapore   | 23 Jan 20               | 02-Feb-21                          | 59,584                | 19 (31)                           | 29            |                                    | 0.0                | 1,539                   | 6,567                                | 1.0       |
|              | Thailand    | 13 Jan 20               | 02-Feb-21                          | 20,454                | 836 (830)                         | 79            | 2 (1)                              | 0.4                | 30                      | -                                    | 1.5       |
|              | Vietnam     | 23 Jan 20               | 02-Feb-21                          | 1,882                 | - 32 (47)                         | 35            |                                    | 1.9                | 2                       | -                                    |           |
|              |             |                         |                                    | <b>2,074,312</b>      | <b>16,511</b>                     | <b>45,530</b> | <b>451</b>                         | <b>2.2</b>         |                         |                                      |           |

\*The calculated CFR is based on reported deaths and reported case counts, and does not account for recovered cases over time or rate of testing in a particular region

\*\*Rt Transmission Rate: the average number of secondary cases caused by each infectious individual, based on the daily incidence of new cases over the previous seven days

- **102,300,883 confirmed cases** of COVID-19 have been reported in **211 countries/states** (other than China, Hong Kong, Taiwan, Macau, and ASEAN countries):

| REGION                          | COUNTRY                 | FIRST CONFIRMED CASE(S) | LATEST REPORT ON CONFIRMED CASE(S) | TOTAL CONFIRMED CASES | NEW CASES | TOTAL DEATHS | NEW DEATHS | CASE FATALITY RATE |
|---------------------------------|-------------------------|-------------------------|------------------------------------|-----------------------|-----------|--------------|------------|--------------------|
| <b>ASIA PACIFIC</b>             | <b>Japan</b>            | 16 Jan 2020             | 02-Feb-21                          | 394,269               | 2,324     | 5,952        | 119        | 1.5                |
|                                 | <b>South Korea</b>      | 20 Jan 2020             | 02-Feb-21                          | 78,844                | 336       | 1,435        | 10         | 1.8                |
|                                 | <b>Nepal</b>            | 24 Jan 2020             | 02-Feb-21                          | 271,289               | 171       | 2,030        | 1          | 0.7                |
|                                 | <b>Australia</b>        | 25 Jan 2020             | 02-Feb-21                          | 28,824                | 6         | 909          |            | 3.2                |
|                                 | <b>Sri Lanka</b>        | 27 Jan 2020             | 02-Feb-21                          | 65,344                | 361       | 323          |            | 0.5                |
|                                 | <b>India</b>            | 30 Jan 2020             | 02-Feb-21                          | 10,778,206            | 11,000    | 154,635      | 113        | 1.4                |
|                                 | <b>Afghanistan</b>      | 24 Feb 2020             | 02-Feb-21                          | 55,174                | 53        | 2,406        | 1          | 4.4                |
|                                 | <b>Pakistan</b>         | 26 Feb 2020             | 02-Feb-21                          | 547,648               | 1,220     | 11,746       | 63         | 2.1                |
|                                 | <b>New Zealand</b>      | 28 Feb 2020             | 02-Feb-21                          | 2,307                 | 3         | 25           |            | 1.1                |
|                                 | <b>Bhutan</b>           | 05 Mar 2020             | 31-Jan-21                          | 859                   |           | 1            |            | 0.1                |
|                                 | <b>Maldives</b>         | 07 Mar 2020             | 02-Feb-21                          | 16,155                | 99        | 52           |            | 0.3                |
|                                 | <b>Bangladesh</b>       | 08 Mar 2020             | 02-Feb-21                          | 536,107               | 525       | 8,149        | 12         | 1.5                |
|                                 | <b>Mongolia</b>         | 10 Mar 2020             | 02-Feb-21                          | 1,832                 | 18        | 2            |            | 0.1                |
|                                 | <b>Turkey</b>           | 10 Mar 2020             | 02-Feb-21                          | 2,492,977             | 7,795     | 26,237       | 120        | 1.1                |
|                                 | <b>French Polynesia</b> | 12 Mar 2020             | 01-Feb-21                          | 18,101                |           | 132          |            | 0.7                |
|                                 | <b>Guam</b>             | 15 Mar 2020             | 02-Feb-21                          | 7,610                 | 2         | 129          |            | 1.7                |
|                                 | <b>New Caledonia</b>    | 17 Mar 2020             | 29-Jan-21                          | 47                    |           |              |            | -                  |
|                                 | <b>Fiji</b>             | 18 Mar 2020             | 17-Jan-21                          | 55                    |           | 2            |            | 3.6                |
|                                 | <b>Papua New Guinea</b> | 21 Mar 2020             | 01-Feb-21                          | 867                   |           | 9            |            | 1.0                |
|                                 | <b>Timor Leste</b>      | 21 Mar 2020             | 02-Feb-21                          | 75                    | 5         |              |            | -                  |
| <b>Northern Mariana Islands</b> | 28 Mar 2020             | 27-Jan-21               | 132                                |                       | 2         |              | 1.5        |                    |
| <b>North Korea</b>              | 24 Jul 2020             | 25-Jul-20               | 1                                  |                       |           |              | -          |                    |
| <b>Solomon Islands</b>          | 03 Oct 2020             | 25-Nov-20               | 17                                 |                       |           |              | -          |                    |

|                 |                                      |             |           |            |        |         |       |     |
|-----------------|--------------------------------------|-------------|-----------|------------|--------|---------|-------|-----|
|                 | <b>Wallis et Futuna</b>              | 17 Oct 2020 | 25-Jan-21 | 5          |        |         |       | -   |
|                 | <b>Marshall Islands</b>              | 26 Oct 2020 | 17-Nov-20 | 4          |        |         |       | -   |
|                 | <b>Vanuatu</b>                       | 11 Nov 2020 | 11-Nov-20 | 1          |        |         |       | -   |
|                 | <b>Samoa</b>                         | 18 Nov 2020 | 27-Nov-20 | 2          |        |         |       | -   |
|                 | <b>Micronesia</b>                    | 11 Jan 2021 | 11-Jan-21 | 1          |        |         |       | -   |
| <b>AMERICAS</b> | <b>USA</b>                           | 21 Jan 2020 | 02-Feb-21 | 26,980,605 | 69,230 | 456,289 | 2,076 | 1.7 |
|                 | <b>Canada</b>                        | 25 Jan 2020 | 02-Feb-21 | 785,721    | 1,882  | 20,195  | 75    | 2.6 |
|                 | <b>Brazil</b>                        | 26 Feb 2020 | 01-Feb-21 | 9,230,016  |        | 225,143 |       | 2.4 |
|                 | <b>Mexico</b>                        | 28 Feb 2020 | 01-Feb-21 | 1,869,708  |        | 159,100 |       | 8.5 |
|                 | <b>Saint Martin</b>                  | 01 Mar 2020 | 28-Jan-21 | 1,234      |        | 12      |       | 1.0 |
|                 | <b>Ecuador</b>                       | 01 Mar 2020 | 02-Feb-21 | 251,279    | 293    | 14,915  | 25    | 5.9 |
|                 | <b>Dominican Republic</b>            | 01 Mar 2020 | 02-Feb-21 | 215,920    | 834    | 2,704   | 16    | 1.3 |
|                 | <b>Chile</b>                         | 03 Mar 2020 | 02-Feb-21 | 743,035    | 3,147  | 18,559  | 22    | 2.5 |
|                 | <b>Argentina</b>                     | 03 Mar 2020 | 01-Feb-21 | 1,933,853  |        | 48,249  |       | 2.5 |
|                 | <b>Peru</b>                          | 05 Mar 2020 | 01-Feb-21 | 1,142,716  |        | 41,181  |       | 3.6 |
|                 | <b>Costa Rica</b>                    | 06 Mar 2020 | 01-Feb-21 | 194,569    |        | 2,634   |       | 1.4 |
|                 | <b>Colombia</b>                      | 06 Mar 2020 | 01-Feb-21 | 2,104,506  |        | 54,272  |       | 2.6 |
|                 | <b>French Guiana</b>                 | 06 Mar 2020 | 01-Feb-21 | 16,134     |        | 76      |       | 0.5 |
|                 | <b>Martinique</b>                    | 06 Mar 2020 | 26-Jan-21 | 6,402      |        | 45      |       | 0.7 |
|                 | <b>Paraguay</b>                      | 07 Mar 2020 | 01-Feb-21 | 133,781    |        | 2,733   |       | 2.0 |
|                 | <b>Panama</b>                        | 10 Mar 2020 | 01-Feb-21 | 321,103    |        | 5,296   |       | 1.6 |
|                 | <b>Bolivia</b>                       | 10 Mar 2020 | 01-Feb-21 | 218,299    |        | 10,439  |       | 4.8 |
|                 | <b>Honduras</b>                      | 11 Mar 2020 | 01-Feb-21 | 148,951    |        | 3,614   |       | 2.4 |
|                 | <b>Cuba</b>                          | 11 Mar 2020 | 02-Feb-21 | 28,636     | 1,044  | 218     | 2     | 0.8 |
|                 | <b>Guyana</b>                        | 11 Mar 2020 | 01-Feb-21 | 7,654      |        | 177     |       | 2.3 |
|                 | <b>Jamaica</b>                       | 12 Mar 2020 | 02-Feb-21 | 15,973     | 195    | 353     | 1     | 2.2 |
|                 | <b>St Vincent and the Grenadines</b> | 12 Mar 2020 | 02-Feb-21 | 1,008      | 107    | 2       |       | 0.2 |
|                 | <b>Saint Lucia</b>                   | 13 Mar 2020 | 02-Feb-21 | 1,470      | 59     | 16      | 1     | 1.1 |
|                 | <b>Trinidad and Tobago</b>           | 13 Mar 2020 | 01-Feb-21 | 7,566      |        | 134     |       | 1.8 |
|                 | <b>Venezuela</b>                     | 13 Mar 2020 | 01-Feb-21 | 127,346    |        | 1,196   |       | 0.9 |

|                                  |             |           |         |     |       |    |     |
|----------------------------------|-------------|-----------|---------|-----|-------|----|-----|
| <b>Guatemala</b>                 | 13 Mar 2020 | 02-Feb-21 | 160,299 | 667 | 5,709 | 36 | 3.6 |
| <b>Uruguay</b>                   | 13 Mar 2020 | 01-Feb-21 | 42,128  |     | 444   |    | 1.1 |
| <b>Curacao</b>                   | 13 Mar 2020 | 01-Feb-21 | 4,585   |     | 21    |    | 0.5 |
| <b>Puerto Rico</b>               | 13 Mar 2020 | 02-Feb-21 | 164,122 | 653 | 1,846 | 10 | 1.1 |
| <b>Suriname</b>                  | 13 Mar 2020 | 01-Feb-21 | 8,449   |     | 156   |    | 1.8 |
| <b>Antigua and Barbuda</b>       | 13 Mar 2020 | 31-Jan-21 | 234     |     | 7     |    | 3.0 |
| <b>Guadeloupe</b>                | 13 Mar 2020 | 26-Jan-21 | 9,097   |     | 154   |    | 1.7 |
| <b>Cayman Islands</b>            | 13 Mar 2020 | 01-Feb-21 | 398     |     | 2     |    | 0.5 |
| <b>Aruba</b>                     | 14 Mar 2020 | 02-Feb-21 | 7,028   | 42  | 59    |    | 0.8 |
| <b>Bahamas</b>                   | 15 Mar 2020 | 02-Feb-21 | 8,223   | 49  | 176   |    | 2.1 |
| <b>US Virgin Islands</b>         | 16 Mar 2020 | 30-Jan-21 | 2,407   |     | 24    |    | 1.0 |
| <b>Sint Maarten</b>              | 17 Mar 2020 | 01-Feb-21 | 1,870   |     | 27    |    | 1.4 |
| <b>Montserrat</b>                | 17 Mar 2020 | 03-Aug-20 | 13      |     | 1     |    | 7.7 |
| <b>Barbados</b>                  | 17 Mar 2020 | 01-Feb-21 | 1,558   |     | 14    |    | 0.9 |
| <b>El Salvador</b>               | 18 Mar 2020 | 01-Feb-21 | 55,195  |     | 1,638 |    | 3.0 |
| <b>Nicaragua</b>                 | 18 Mar 2020 | 26-Jan-21 | 6,253   |     | 169   |    | 2.7 |
| <b>Bermuda</b>                   | 18 Mar 2020 | 01-Feb-21 | 692     |     | 12    |    | 1.7 |
| <b>Haiti</b>                     | 19 Mar 2020 | 31-Jan-21 | 11,590  |     | 245   |    | 2.1 |
| <b>Dominica</b>                  | 22 Mar 2020 | 28-Jan-21 | 117     |     |       |    | -   |
| <b>Grenada</b>                   | 22 Mar 2020 | 25-Jan-21 | 148     |     | 1     |    | 0.7 |
| <b>Belize</b>                    | 23 Mar 2020 | 01-Feb-21 | 11,945  |     | 302   |    | 2.5 |
| <b>Turks and Caicos Islands</b>  | 23 Mar 2020 | 31-Jan-21 | 1,504   |     | 9     |    | 0.6 |
| <b>Saint Kitts and Nevis</b>     | 24 Mar 2020 | 01-Feb-21 | 38      |     |       |    | -   |
| <b>British Virgin Islands</b>    | 25 Mar 2020 | 08-Jan-21 | 114     |     | 1     |    | 0.9 |
| <b>Anguilla</b>                  | 26 Mar 2020 | 01-Feb-21 | 17      |     |       |    | -   |
| <b>Caribbean Netherlands</b>     | 01 Apr 2020 | 28-Jan-21 | 388     |     | 3     |    | 0.8 |
| <b>Falkland Islands</b>          | 03 Apr 2020 | 26-Jan-21 | 41      |     |       |    | -   |
| <b>Saint Pierre and Miquelon</b> | 05 Apr 2020 | 28-Jan-21 | 24      |     |       |    | -   |
| <b>Saint Barthelemy</b>          | 25 Jul 2020 | 28-Jan-21 | 360     |     | 1     |    | 0.3 |

|               |  |             |           |           |        |         |       |     |
|---------------|--|-------------|-----------|-----------|--------|---------|-------|-----|
| <b>EUROPE</b> | <b>France</b>                          | 24 Jan 2020 | 02-Feb-21 | 3,224,798 | 23,337 | 76,512  |       | 2.4 |
|               | <b>Germany</b>                         | 27 Jan 2020 | 02-Feb-21 | 2,239,943 | 7,627  | 59,386  | 990   | 2.7 |
|               | <b>Finland</b>                         | 29 Jan 2020 | 02-Feb-21 | 45,784    | 302    | 684     | 7     | 1.5 |
|               | <b>Italy</b>                           | 30 Jan 2020 | 02-Feb-21 | 2,570,608 | 9,651  | 89,344  | 499   | 3.5 |
|               | <b>Russian Federation</b>              | 31 Jan 2020 | 02-Feb-21 | 3,884,730 | 16,643 | 74,158  | 539   | 1.9 |
|               | <b>Spain</b>                           | 31 Jan 2020 | 02-Feb-21 | 2,851,869 | 29,064 | 59,805  | 724   | 2.1 |
|               | <b>Sweden</b>                          | 31 Jan 2020 | 02-Feb-21 | 576,606   | 9,649  | 11,815  | 224   | 2.0 |
|               | <b>United Kingdom of Great Britain</b> | 31 Jan 2020 | 02-Feb-21 | 3,852,623 | 16,840 | 108,013 | 1,449 | 2.8 |
|               | <b>Belgium</b>                         | 05 Feb 2020 | 02-Feb-21 | 711,417   | 1,264  | 21,124  | 32    | 3.0 |
|               | <b>Switzerland</b>                     | 25 Feb 2020 | 02-Feb-21 | 526,728   | 1,633  | 9,471   | 22    | 1.8 |
|               | <b>Austria</b>                         | 25 Feb 2020 | 02-Feb-21 | 416,763   | 1,241  | 7,847   | 69    | 1.9 |
|               | <b>Croatia</b>                         | 25 Feb 2020 | 02-Feb-21 | 232,907   | 387    | 5,071   | 17    | 2.2 |
|               | <b>Norway</b>                          | 26 Feb 2020 | 02-Feb-21 | 63,430    | 311    | 568     | 1     | 0.9 |
|               | <b>Romania</b>                         | 26 Feb 2020 | 02-Feb-21 | 732,732   | 2,676  | 18,513  | 111   | 2.5 |
|               | <b>Estonia</b>                         | 26 Feb 2020 | 02-Feb-21 | 44,978    | 403    | 424     | 2     | 0.9 |
|               | <b>Georgia</b>                         | 26 Feb 2020 | 02-Feb-21 | 259,209   | 858    | 3,208   | 14    | 1.2 |
|               | <b>North Macedonia</b>                 | 26 Feb 2020 | 02-Feb-21 | 93,160    | 407    | 2,873   | 7     | 3.1 |
|               | <b>Greece</b>                          | 26 Feb 2020 | 02-Feb-21 | 158,716   | 1,221  | 5,851   | 22    | 3.7 |
|               | <b>Denmark</b>                         | 27 Feb 2020 | 02-Feb-21 | 199,357   | 397    | 2,160   | 15    | 1.1 |
|               | <b>San Marino</b>                      | 27 Feb 2020 | 02-Feb-21 | 3,066     | 41     | 67      |       | 2.2 |
|               | <b>Lithuania</b>                       | 27 Feb 2020 | 02-Feb-21 | 183,444   | 551    | 2,847   | 22    | 1.6 |
|               | <b>Netherlands</b>                     | 27 Feb 2020 | 02-Feb-21 | 985,224   | 3,561  | 14,108  | 83    | 1.4 |
|               | <b>Azerbaijan</b>                      | 27 Feb 2020 | 02-Feb-21 | 230,296   | 77     | 3,136   | 4     | 1.4 |
|               | <b>Belarus</b>                         | 28 Feb 2020 | 02-Feb-21 | 249,994   | 699    | 1,737   | 9     | 0.7 |
|               | <b>Iceland</b>                         | 28 Feb 2020 | 02-Feb-21 | 6,011     | 2      | 29      |       | 0.5 |
|               | <b>Ireland</b>                         | 28 Feb 2020 | 02-Feb-21 | 198,424   | 871    | 3,418   | 101   | 1.7 |
|               | <b>Monaco</b>                          | 29 Feb 2020 | 02-Feb-21 | 1,543     | 44     | 17      | 3     | 1.1 |
|               | <b>Czech Republic</b>                  | 01 Mar 2020 | 02-Feb-21 | 994,514   | 7,185  | 16,545  | 153   | 1.7 |
|               | <b>Luxembourg</b>                      | 01 Mar 2020 | 02-Feb-21 | 50,923    | 190    | 586     | 2     | 1.2 |
|               | <b>Armenia</b>                         | 01 Mar 2020 | 02-Feb-21 | 167,231   | 143    | 3,089   | 5     | 1.8 |

|                    |                               |             |           |           |       |        |     |     |
|--------------------|-------------------------------|-------------|-----------|-----------|-------|--------|-----|-----|
|                    | <b>Latvia</b>                 | 02 Mar 2020 | 02-Feb-21 | 67,427    | 775   | 1,219  | 17  | 1.8 |
|                    | <b>Portugal</b>               | 02 Mar 2020 | 02-Feb-21 | 731,861   | 5,540 | 13,017 | 260 | 1.8 |
|                    | <b>Andorra</b>                | 02 Mar 2020 | 02-Feb-21 | 10,017    | 45    | 102    | 1   | 1.0 |
|                    | <b>Liechtenstein</b>          | 03 Mar 2020 | 01-Feb-21 | 2,497     |       | 52     |     | 2.1 |
|                    | <b>Ukraine</b>                | 03 Mar 2020 | 02-Feb-21 | 1,223,879 | 2,394 | 22,924 | 156 | 1.9 |
|                    | <b>Slovenia</b>               | 04 Mar 2020 | 02-Feb-21 | 168,455   | 1,629 | 3,541  | 19  | 2.1 |
|                    | <b>Hungary</b>                | 04 Mar 2020 | 02-Feb-21 | 369,289   | 579   | 12,656 | 78  | 3.4 |
|                    | <b>Poland</b>                 | 04 Mar 2020 | 02-Feb-21 | 1,520,215 | 4,326 | 37,476 | 254 | 2.5 |
|                    | <b>Faroe Islands</b>          | 04 Mar 2020 | 26-Jan-21 | 654       |       | 1      |     | 0.2 |
|                    | <b>Bosnia and Herzegovina</b> | 05 Mar 2020 | 02-Feb-21 | 122,461   | 262   | 4,737  | 13  | 3.9 |
|                    | <b>Gibraltar</b>              | 05 Mar 2020 | 02-Feb-21 | 4,143     | 15    | 79     | 1   | 1.9 |
|                    | <b>Slovakia</b>               | 06 Mar 2020 | 02-Feb-21 | 252,094   | 1,737 | 4,784  | 73  | 1.9 |
|                    | <b>Serbia</b>                 | 06 Mar 2020 | 02-Feb-21 | 398,905   | 1,903 | 4,056  | 18  | 1.0 |
|                    | <b>Vatican City</b>           | 06 Mar 2020 | 17-Oct-20 | 27        |       |        |     | -   |
|                    | <b>Malta</b>                  | 07 Mar 2020 | 02-Feb-21 | 18,168    | 141   | 270    | 1   | 1.5 |
|                    | <b>Moldova</b>                | 07 Mar 2020 | 02-Feb-21 | 160,725   | 639   | 3,462  | 16  | 2.2 |
|                    | <b>Bulgaria</b>               | 08 Mar 2020 | 01-Feb-21 | 219,580   |       | 9,142  |     | 4.2 |
|                    | <b>Albania</b>                | 09 Mar 2020 | 02-Feb-21 | 79,934    | 942   | 1,398  | 5   | 1.7 |
|                    | <b>Cyprus</b>                 | 09 Mar 2020 | 01-Feb-21 | 30,996    |       | 202    |     | 0.7 |
|                    | <b>Channel Islands</b>        | 09 Mar 2020 | 02-Feb-21 | 615       | 30    | 16     |     | 2.6 |
|                    | <b>Jersey</b>                 | 10 Mar 2020 | 02-Feb-21 | 3,161     | 7     | 67     | 1   | 2.1 |
|                    | <b>Kazakhstan</b>             | 13 Mar 2020 | 02-Feb-21 | 189,131   | 1,161 | 2,476  |     | 1.3 |
|                    | <b>Kosovo</b>                 | 13 Mar 2020 | 31-Jan-21 | 60,218    |       | 1,498  |     | 2.5 |
|                    | <b>Uzbekistan</b>             | 15 Mar 2020 | 02-Feb-21 | 78,801    | 46    | 621    |     | 0.8 |
|                    | <b>Greenland</b>              | 16 Mar 2020 | 14-Jan-21 | 30        |       |        |     | -   |
|                    | <b>Montenegro</b>             | 17 Mar 2020 | 02-Feb-21 | 62,476    | 504   | 818    | 7   | 1.3 |
|                    | <b>Kyrgyzstan</b>             | 18 Mar 2020 | 02-Feb-21 | 84,646    | 58    | 1,414  | 2   | 1.7 |
|                    | <b>Isle of Man</b>            | 19 Mar 2020 | 29-Jan-21 | 434       |       | 25     |     | 5.8 |
|                    | <b>Tajikistan</b>             | 30 Apr 2020 | 10-Jan-21 | 13,308    |       | 90     |     | 0.7 |
| <b>MIDDLE EAST</b> | <b>UAE</b>                    | 29 Jan 2020 | 02-Feb-21 | 309,649   | 3,310 | 866    | 7   | 0.3 |
|                    | <b>Iran</b>                   | 19 Feb 2020 | 02-Feb-21 | 1,431,416 | 6,820 | 58,110 | 72  | 4.1 |
|                    | <b>Israel</b>                 | 21 Feb 2020 | 02-Feb-21 | 656,016   | 3,770 | 4,863  | 47  | 0.7 |

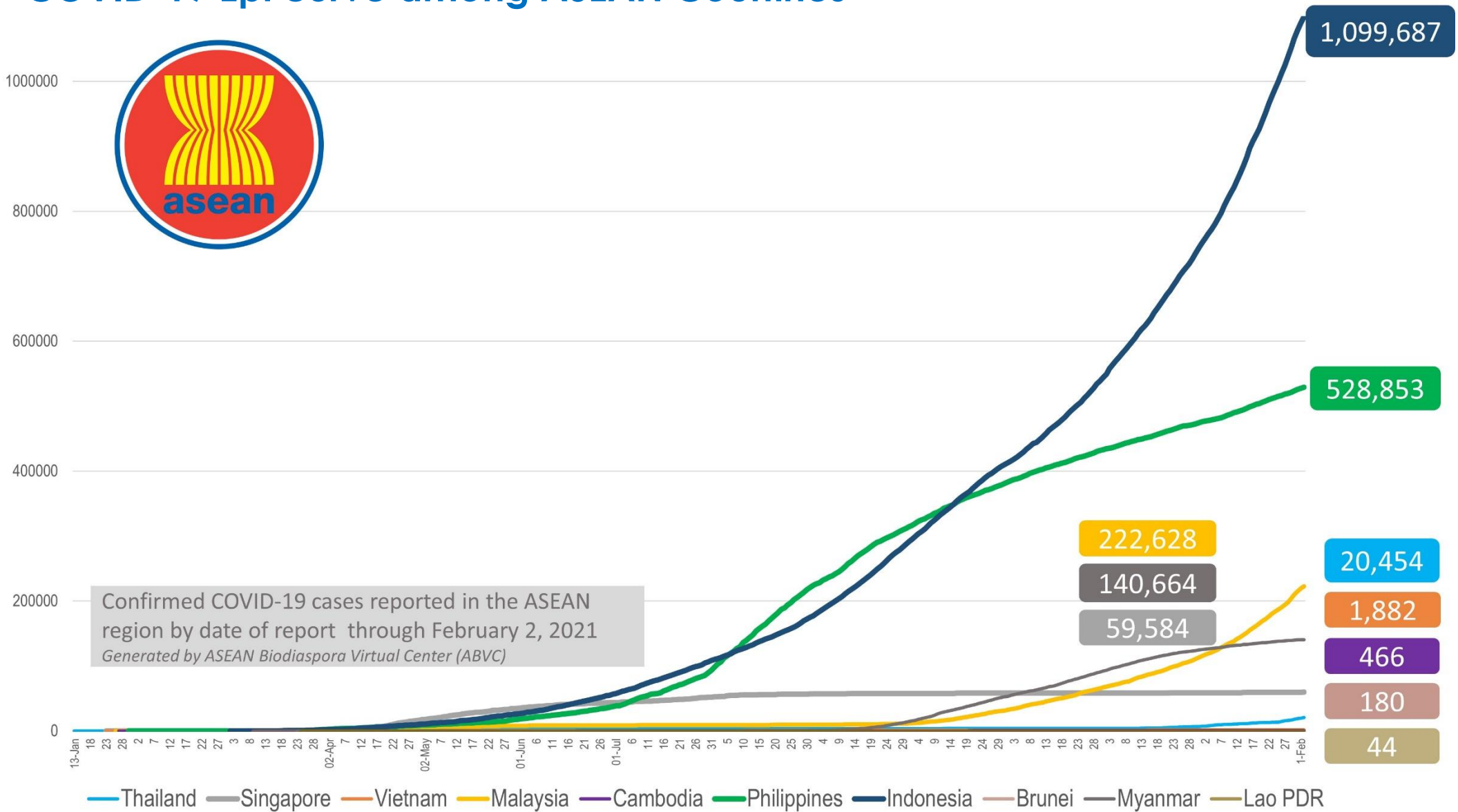


|               |                                     |             |           |           |       |        |     |      |
|---------------|-------------------------------------|-------------|-----------|-----------|-------|--------|-----|------|
|               | <b>Lebanon</b>                      | 21 Feb 2020 | 02-Feb-21 | 305,842   | 2,770 | 3,226  | 81  | 1.1  |
|               | <b>Kuwait</b>                       | 24 Feb 2020 | 02-Feb-21 | 166,654   | 811   | 960    | 1   | 0.6  |
|               | <b>Oman</b>                         | 24 Feb 2020 | 02-Feb-21 | 134,685   | 161   | 1,532  |     | 1.1  |
|               | <b>Bahrain</b>                      | 24 Feb 2020 | 02-Feb-21 | 104,239   | 657   | 376    |     | 0.4  |
|               | <b>Iraq</b>                         | 24 Feb 2020 | 02-Feb-21 | 621,755   | 1,135 | 13,068 | 11  | 2.1  |
|               | <b>Qatar</b>                        | 29 Feb 2020 | 01-Feb-21 | 151,720   |       | 249    |     | 0.2  |
|               | <b>Saudi Arabia</b>                 | 02 Mar 2020 | 02-Feb-21 | 368,639   | 310   | 6,383  | 4   | 1.7  |
|               | <b>Jordan</b>                       | 02 Mar 2020 | 02-Feb-21 | 329,194   | 1,132 | 4,334  | 8   | 1.3  |
|               | <b>Palestine</b>                    | 05 Mar 2020 | 02-Feb-21 | 180,018   | 513   | 2,032  | 9   | 1.1  |
|               | <b>Syria</b>                        | 22 Mar 2020 | 01-Feb-21 | 14,096    |       | 926    |     | 6.6  |
|               | <b>Yemen</b>                        | 10 Apr 2020 | 01-Feb-21 | 2,122     |       | 615    |     | 29.0 |
| <b>AFRICA</b> | <b>Egypt</b>                        | 14 Feb 2020 | 01-Feb-21 | 166,492   |       | 9,360  |     | 5.6  |
|               | <b>Algeria</b>                      | 25 Feb 2020 | 01-Feb-21 | 107,578   |       | 2,894  |     | 2.7  |
|               | <b>Nigeria</b>                      | 28 Feb 2020 | 01-Feb-21 | 131,918   |       | 1,607  |     | 1.2  |
|               | <b>Tunisia</b>                      | 02 Mar 2020 | 02-Feb-21 | 211,412   | 1,367 | 6,893  | 91  | 3.3  |
|               | <b>Morocco</b>                      | 02 Mar 2020 | 02-Feb-21 | 472,273   | 835   | 8,309  | 22  | 1.8  |
|               | <b>Senegal</b>                      | 02 Mar 2020 | 02-Feb-21 | 27,080    | 153   | 641    | 3   | 2.4  |
|               | <b>South Africa</b>                 | 05 Mar 2020 | 02-Feb-21 | 1,458,958 | 2,649 | 44,946 | 547 | 3.1  |
|               | <b>Cameroon</b>                     | 06 Mar 2020 | 23-Jan-21 | 29,617    |       | 462    |     | 1.6  |
|               | <b>Togo</b>                         | 06 Mar 2020 | 01-Feb-21 | 5,092     |       | 79     |     | 1.6  |
|               | <b>Burkina Faso</b>                 | 09 Mar 2020 | 01-Feb-21 | 10,768    |       | 121    |     | 1.1  |
|               | <b>Democratic Republic of Congo</b> | 10 Mar 2020 | 02-Feb-21 | 23,043    | 201   | 675    | 2   | 2.9  |
|               | <b>Ivory Coast</b>                  | 11 Mar 2020 | 02-Feb-21 | 28,607    | 132   | 158    | 2   | 0.6  |
|               | <b>Reunion</b>                      | 11 Mar 2020 | 02-Feb-21 | 10,194    | 198   | 46     |     | 0.5  |
|               | <b>Ghana</b>                        | 13 Mar 2020 | 02-Feb-21 | 67,782    | 772   | 424    | 8   | 0.6  |
|               | <b>Guinea</b>                       | 13 Mar 2020 | 01-Feb-21 | 14,555    |       | 83     |     | 0.6  |
|               | <b>Gabon</b>                        | 13 Mar 2020 | 02-Feb-21 | 10,952    | 204   | 68     |     | 0.6  |
|               | <b>Sudan</b>                        | 13 Mar 2020 | 01-Feb-21 | 27,273    |       | 1,812  |     | 6.6  |
|               | <b>Kenya</b>                        | 13 Mar 2020 | 02-Feb-21 | 101,009   | 153   | 1,766  |     | 1.7  |
|               | <b>Ethiopia</b>                     | 13 Mar 2020 | 02-Feb-21 | 138,861   | 477   | 2,116  | 13  | 1.5  |
|               | <b>Central African Republic</b>     | 14 Mar 2020 | 02-Feb-21 | 4,989     | 8     | 63     |     | 1.3  |
|               | <b>Seychelles</b>                   | 14 Mar 2020 | 02-Feb-21 | 1,223     | 18    | 5      | 1   | 0.4  |
|               | <b>Rwanda</b>                       | 14 Mar 2020 | 02-Feb-21 | 15,688    | 229   | 205    | 7   | 1.3  |
|               | <b>Namibia</b>                      | 14 Mar 2020 | 02-Feb-21 | 34,270    | 102   | 355    | 2   | 1.0  |
|               | <b>Swaziland</b>                    | 14 Mar 2020 | 02-Feb-21 | 15,878    | 74    | 583    | 9   | 3.7  |
|               | <b>Mauritania</b>                   | 14 Mar 2020 | 01-Feb-21 | 16,662    |       | 422    |     | 2.5  |
|               | <b>Mayotte</b>                      | 14 Mar 2020 | 02-Feb-21 | 9,003     | 415   | 61     |     | 0.7  |

|                              |             |           |                    |                |                  |              |            |
|------------------------------|-------------|-----------|--------------------|----------------|------------------|--------------|------------|
| <b>Equatorial Guinea</b>     | 15 Mar 2020 | 01-Feb-21 | 5,534              |                | 86               |              | 1.6        |
| <b>Republic of Congo</b>     | 15 Mar 2020 | 25-Jan-21 | 7,887              |                | 117              |              | 1.5        |
| <b>Benin</b>                 | 16 Mar 2020 | 31-Jan-21 | 3,893              |                | 52               |              | 1.3        |
| <b>Liberia</b>               | 16 Mar 2020 | 01-Feb-21 | 1,944              |                | 84               |              | 4.3        |
| <b>Tanzania</b>              | 16 Mar 2020 | 09-May-20 | 509                |                | 21               |              | 4.1        |
| <b>Somalia</b>               | 16 Mar 2020 | 28-Jan-21 | 4,784              |                | 130              |              | 2.7        |
| <b>Gambia</b>                | 17 Mar 2020 | 01-Feb-21 | 4,139              |                | 131              |              | 3.2        |
| <b>Zambia</b>                | 17 Mar 2020 | 02-Feb-21 | 56,233             | 1,191          | 794              | 14           | 1.4        |
| <b>Mauritius</b>             | 18 Mar 2020 | 02-Feb-21 | 583                | 1              | 10               |              | 1.7        |
| <b>Djibouti</b>              | 18 Mar 2020 | 02-Feb-21 | 5,933              | 1              | 63               |              | 1.1        |
| <b>Niger</b>                 | 19 Mar 2020 | 02-Feb-21 | 4,537              | 20             | 161              | 2            | 3.5        |
| <b>Chad</b>                  | 19 Mar 2020 | 02-Feb-21 | 3,385              | 9              | 121              | 3            | 3.6        |
| <b>Zimbabwe</b>              | 20 Mar 2020 | 02-Feb-21 | 33,814             | 266            | 1,254            | 20           | 3.7        |
| <b>Cape Verde</b>            | 20 Mar 2020 | 02-Feb-21 | 14,152             | 54             | 134              |              | 0.9        |
| <b>Madagascar</b>            | 20 Mar 2020 | 01-Feb-21 | 19,065             |                | 281              |              | 1.5        |
| <b>Uganda</b>                | 21 Mar 2020 | 02-Feb-21 | 39,651             | 45             | 325              |              | 0.8        |
| <b>Eritrea</b>               | 21 Mar 2020 | 02-Feb-21 | 2,267              | 132            | 7                |              | 0.3        |
| <b>Angola</b>                | 21 Mar 2020 | 01-Feb-21 | 19,829             |                | 466              |              | 2.4        |
| <b>Mozambique</b>            | 22 Mar 2020 | 02-Feb-21 | 40,260             | 800            | 403              | 17           | 1.0        |
| <b>Libya</b>                 | 24 Mar 2020 | 02-Feb-21 | 120,434            | 1,032          | 1,896            | 13           | 1.6        |
| <b>Guinea-Bissau</b>         | 25 Mar 2020 | 31-Jan-21 | 2,634              |                | 45               |              | 1.7        |
| <b>Mali</b>                  | 25 Mar 2020 | 02-Feb-21 | 8,111              | 11             | 333              | 3            | 4.1        |
| <b>Botswana</b>              | 30 Mar 2020 | 02-Feb-21 | 22,738             | 1,445          | 148              | 14           | 0.7        |
| <b>Sierra Leone</b>          | 31 Mar 2020 | 01-Feb-21 | 3,634              |                | 79               |              | 2.2        |
| <b>Burundi</b>               | 31 Mar 2020 | 02-Feb-21 | 1,635              | 3              | 2                |              | 0.1        |
| <b>Malawi</b>                | 02 Apr 2020 | 02-Feb-21 | 24,903             | 538            | 726              | 14           | 2.9        |
| <b>South Sudan</b>           | 05 Apr 2020 | 28-Jan-21 | 3,929              |                | 64               |              | 1.6        |
| <b>Sao Tome and Principe</b> | 06 Apr 2020 | 02-Feb-21 | 1,283              | 24             | 17               |              | 1.3        |
| <b>Comoros</b>               | 30 Apr 2020 | 02-Feb-21 | 2,811              | 85             | 98               | 5            | 3.5        |
| <b>Lesotho</b>               | 13May 2020  | 01-Feb-21 | 8,900              |                | 172              |              | 1.9        |
|                              |             |           | <b>102,300,883</b> | <b>297,161</b> | <b>2,211,212</b> | <b>9,803</b> | <b>2.2</b> |

\*The calculated CFR is based on reported deaths and reported case counts, and does not account for recovered cases over time or rate of testing in a particular region

# COVID-19 Epi curve among ASEAN Countries





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