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

ASEAN Biodiaspora Virtual Center (ABVC)

as of April 22, 2020 (2:00 PM GMT+8)



COVID-19: Highlights and Situation Overview

- World Health Organization (WHO) recently published an updated strategy to help guide the public health response to COVID-19. Please check this link for more details <u>https://www.who.int/publications-detail/covid-19-strategyupdate---14-april-2020</u>
- According to WHO, over 100 countries have joined (as of April 21) the Solidarity Trial to evaluate therapeutics for COVID-19. "Solidarity" is an international clinical trial to help find an effective treatment for COVID-19, launched by the World Health Organization and partners. The Solidarity Trial will compare four treatment options against standard of care, to assess their relative effectiveness against COVID-19. By enrolling patients in multiple countries, the Solidarity Trial aims to rapidly discover whether any of the drugs slow disease progression or improve survival.
- Indonesia government will begin its ban on the Idul Fitri mudik (exodus) on April 24 to curb the spread of COVID-19 in the country.
- Singapore's Prime Minister extended the partial lockdown until June 1 to curb the sharp rise of COVID-19 in the city-state. The measures, which include the closures of most workplaces and schools and called as "circuit breaker" by authorities, were initially set to run until May 4. The Prime Minister stated that the extended lockdown period would help bring community cases down decisively and make sure infections in migrant dormitories do not spread into the wider community
- Indonesia received a shipment of 50,000 reagents from South Korea on April 20 to boost the number of PCR testing for COVID-19 in the country

Travel Advisories (no new update/s)

Cases and Deaths as of 22 April 2020

- As of April 22 (2PM, GMT+8), worldwide, there were **2,538,987** confirmed cases, including **176,446** deaths. Globally, Case Fatality Ratio (CFR)* is **6.95**.
- In **China**, there were **84,258** confirmed cases with **4,642** deaths, including deaths in Hong Kong (4) and Taiwan (6). Confirmed cases in China include confirmed cases in Hong Kong (1,030), Macau (45), and Taiwan (425).
- 2,454,729 confirmed cases of COVID-19 have been reported in 210 countries/states (other than China, Hong Kong, Taiwan and Macau):

REGION	COUNTRY	FIRST CONFIRMED CASE(S)	LATEST CONFIRMED CASE(S)	CONFIRMED CASES/ (Deaths)	CASE FATALITY RATIO*	
ASIA PACIFIC	Thailand	13 Jan 2020	21 Apr 2020	2,811 (48)	1.71	
	Vietnam	23 Jan 2020	16 Apr 2020	268	0.00	
	Singapore	23 Jan 2020	21 Apr 2020	9,125 (11)	0.12	

25 Jan 2020	21 Apr 2020	5,482 (92)	1.68
27 Jan 2020	12 Apr 2020	122	
30 Jan 2020	21 Apr 2020	6,599 (437)	6.62
02 Mar 2020	21 Apr 2020	7,135 (616)	8.63
10 Mar 2020	19 Apr 2020	138(1)	0.72
23 Mar 2020	21 Apr 2020	119 (5)	4.20
24 Mar 2020	13 Apr 2020	19	
16 Jan 2020	21 Apr 2020	11,841 (270)	2.28
20 Jan 2020	21 Apr 2020	10,683 (237)	2.22
24 Jan 2020	21 Apr 2020	43	
25 Jan 2020	21 Apr 2020	6,645 (71)	1.07
27 Jan 2020	21 Apr 2020	310 (7)	2.26
30 Jan 2020	21 Apr 2020	18,985 (603)	3.18
24 Feb 2020	21 Apr 2020	1,092 (36)	3.30
26 Feb 2020	21 Apr 2020	9,216 (192)	2.08
28 Feb 2020	21 Apr 2020	1,445 (13)	0.90
05 Mar 2020	· ·	6	0.70
		-	
	· ·		
	·		3.25
	· ·		
	·		2.35
15 Mar 2020	17 Apr 2020	136 (5)	3.68
17 Mar 2020	02 Apr 2020	18	
18 Mar 2020	20 Apr 2020	18	
21 Mar 2020	16 Apr 2020	7	
21 Mar 2020	21 Apr 2020	23	
28 Mar 2020	17 Apr 2020	14 (2)	14.29
21 Jan 2020	21 Apr 2020	811,478	
25 Jan 2020	21 Apr 2020		5.51
	· · · · · · · · · · · · · · · · · · ·	· · ·	4.93
	· · · · · · · · · · · · · · · · · · ·	· · ·	6.34
	· · · · · · · · · · · · · · · · · · ·		8.12
	· · · · · · · · · · · · · · · · · · ·		5.41
	· · · · · · · · · · · · · · · · · · ·	· · ·	5.01
	· · · · · · · · · · · · · · · · · · ·	. ,	4.73
	· · · · · · · · · · · · · · · · · · ·	, <i>,</i>	1.36
	· · · · · · · · · · · · · · · · · · ·		4.39
	· · · · · · · · · · · · · · · · · · ·	· · ·	2.71
			0.91
		· · ·	4.75
			0.50
	2170012020		8.59
	27 Jan 2020 30 Jan 2020 02 Mar 2020 10 Mar 2020 23 Mar 2020 24 Mar 2020 24 Mar 2020 20 Jan 2020 24 Jan 2020 25 Jan 2020 25 Jan 2020 27 Jan 2020 27 Jan 2020 28 Feb 2020 28 Feb 2020 05 Mar 2020 07 Mar 2020 08 Mar 2020 10 Mar 2020 10 Mar 2020 10 Mar 2020 12 Mar 2020 15 Mar 2020 15 Mar 2020 17 Mar 2020 18 Mar 2020 21 Mar 2020 21 Mar 2020 21 Mar 2020 28 Mar 2020 21 Mar 2020 28 Mar 2020 28 Mar 2020	27 Jan 2020 12 Apr 2020 30 Jan 2020 21 Apr 2020 02 Mar 2020 21 Apr 2020 10 Mar 2020 19 Apr 2020 23 Mar 2020 21 Apr 2020 24 Mar 2020 13 Apr 2020 24 Mar 2020 21 Apr 2020 24 Jan 2020 21 Apr 2020 25 Jan 2020 21 Apr 2020 25 Jan 2020 21 Apr 2020 26 Feb 2020 21 Apr 2020 05 Mar 2020 21 Apr 2020 05 Mar 2020 21 Apr 2020 07 Mar 2020 21 Apr 2020 10 Mar 2020 21 Apr 2020 10 Mar 2020 21 Apr 2020 11 Mar 2020 21 Apr 2020 12 Mar 2020 21 Apr 2020 13 Mar 2020 21 Apr 2020 14 Mar 2020 21 Apr 2020 15 Mar 2020 21 Apr 2020 16 Apr 2020 21 Apr 2020 17 Mar 2020 21 Apr 2020 21 Mar 2020 21 Apr 2020 21 Mar 2020 21 Apr 2020	27 Jan 2020 12 Apr 2020 6,599 (437) 30 Jan 2020 21 Apr 2020 7,135 (616) 10 Mar 2020 19 Apr 2020 138(1) 23 Mar 2020 21 Apr 2020 138(1) 23 Mar 2020 21 Apr 2020 119 (5) 24 Mar 2020 13 Apr 2020 119 (5) 24 Mar 2020 21 Apr 2020 11.841 (270) 20 Jan 2020 21 Apr 2020 10.683 (237) 24 Jan 2020 21 Apr 2020 6.645 (71) 27 Jan 2020 21 Apr 2020 310 (7) 30 Jan 2020 21 Apr 2020 1.092 (36) 24 Feb 2020 21 Apr 2020 1.092 (36) 24 Feb 2020 21 Apr 2020 1.445 (13) 05 Mar 2020 21 Apr 2020 6 07 Mar 2020 21 Apr 2020 83 08 Mar 2020 21 Apr 2020 3.382 (110) 10 Mar 2020 21 Apr 2020 34 10 Mar 2020 21 Apr 2020 34 10 Mar 2020 21 Apr 2020 18 12 Mar 2020 17 Apr 2020 18

AMERICAS

Panama	10 Mar 2020	21 Apr 2020	4,658 (136)	
Bolivia	10 Mar 2020	21 Apr 2020	598 (34)	2.92
Honduras	11 Mar 2020	21 Apr 2020	494 (46)	5.69
				9.31
Cuba	11 Mar 2020	21 Apr 2020	1,137 (38)	3.34
Guyana	11 Mar 2020	21Apr 2020	66 (7)	10.61
Jamaica	12 Mar 2020	21 Apr 2020	223 (6)	2.69
St Vincent and the Grenadines	12 Mar 2020	09 Apr 2020	12	
Saint Lucia	13 Mar 2020	11 Apr 2020	15	
Trinidad and Tobago	13 Mar 2020	16 Apr 2020	114 (8)	7.02
Venezuela	13 Mar 2020	21 Apr 2020	285 (10)	3.51
Guatemala	13 Mar 2020	21 Apr 2020	294 (7)	2.38
Uruguay	13 Mar 2020	21 Apr 2020	535 (11)	2.06
Curacao	13 Mar 2020	09 Apr 2020	14 (1)	7.14
Puerto Rico	13 Mar 2020	20 Apr 2020	1,252 (63)	5.03
Suriname	13 Mar 2020	08 Apr 2020	10 (1)	10.00
Antigua and Barbuda	13 Mar 2020	16 Apr 2020	23 (3)	13.04
Guadeloupe	13 Mar 2020	19 Apr 2020	148 (8)	5.41
Cayman Islands	13 Mar 2020	21 Apr 2020	66 (1)	1.52
Aruba	14 Mar 2020	20 Apr 2020	97 (2)	2.06
Bahamas	15 Mar 2020	20 Apr 2020	60 (9)	15.00
US Virgin Islands	16 Mar 2020	20 Apr 2020	53 (3)	5.66
Sint Maarten	17 Mar 2020	20 Apr 2020	67 (10)	14.93
Montserrat	17 Mar 2020	13 Apr 2020	11	
Barbados	17 Mar 2020	16 Apr 2020	75 (5)	6.67
El Salvador	18 Mar 2020	21 Apr 2020	225 (7)	3.11
Nicaragua	18 Mar 2020	20 Apr 2020	10 (2)	20.00
Bermuda	18 Mar 2020	19 Apr 2020	86 (5)	5.81
Haiti	19 Mar 2020	21 Apr 2020	57 (3)	5.26
Dominica	22 Mar 2020	11 Apr 2020	16	
Grenada	22 Mar 2020	11 Apr 2020	14	
Belize	23 Mar 2020	14 Apr 2020	18 (2)	11.11
Turks and Caicos	23 Mar 2020	17 Apr 2020	11 (1)	
Islands Saint Kitts and Nevis	24 Mar 2020	20 Apr 2020	15	9.09
British Virgin Islands	25 Mar 2020	20 Apr 2020	5 (1)	20.00
Anguilla	26 Mar 2020	03 Apr 2020	3	20.00
Caribbean Netherlands	01 Apr 2020	19 Apr 2020	5	
Falkland Islands	03 Apr 2020	15 Apr 2020	11	
Saint Pierre and Miquelon	05 Apr 2020	05 Apr 2020	1	
France	24 Jan 2020	21 Apr 2020	158,050 (20,796)	13.16
Germany	27 Jan 2020	21 Apr 2020	147,786 (4,899)	3.31
Finland	29 Jan 2020	21 Apr 2020	4,014 (141)	3.51

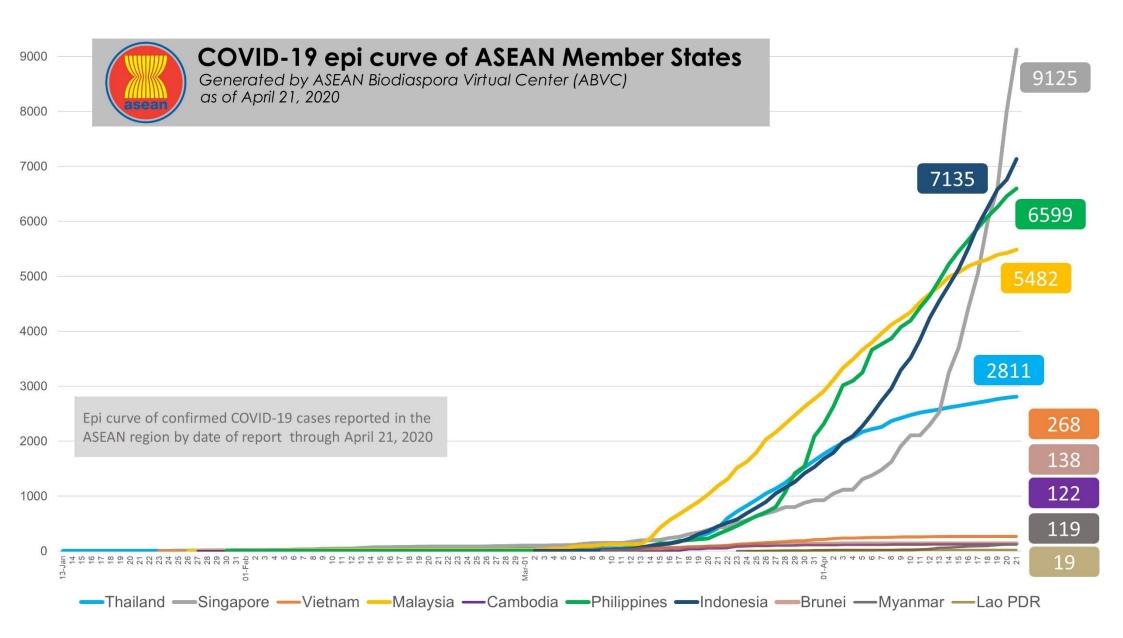
EUROPE

Italy	30 Jan 2020	21 Apr 2020	183,957 (24,648)	13.40
Russian Federation	31 Jan 2020	21 Apr 2020	52,763 (456)	0.86
Spain	31 Jan 2020	21 Apr 2020	204,178 (21,282)	10.42
Sweden	31 Jan 2020	21 Apr 2020	15,322 (1,765)	11.52
United Kingdom of Great Britain	31 Jan 2020	21 Apr 2020	129,044 (17,337)	10.40
Belgium	05 Feb 2020	21 Apr 2020	40,956 (5,998)	13.43
Switzerland	25 Feb 2020	21 Apr 2020	28,063 (1,436)	5.12
Austria	25 Feb 2020	21 Apr 2020	14,873 (491)	3.30
Croatia	25 Feb 2020	21 Apr 2020	1,908 (48)	2.52
Norway	26 Feb 2020	21 Apr 2020	7,191 (182)	2.52
Romania	26 Feb 2020	21 Apr 2020	9,242 (498)	5.39
Estonia	26 Feb 2020	21 Apr 2020	1,552 (43)	2.77
Georgia	26 Feb 2020	21 Apr 2020	408 (4)	0.98
North Macedonia	26 Feb 2020	21 Apr 2020	1,231 (55)	4.47
Greece	26 Feb 2020	21 Apr 2020	2,401 (121)	5.04
Denmark	27 Feb 2020	21 Apr 2020	7,695 (370)	4.81
San Marino	27 Feb 2020	21 Apr 2020	476 (40)	8.40
Lithuania	27 Feb 2020	21 Apr 2020	1,350 (37)	2.74
Netherlands	27 Feb 2020	21 Apr 2020	34,134 (3,916)	11.47
Azerbaijan	27 Feb 2020	21 Apr 2020	1,480 (20)	1.35
Belarus	28 Feb 2020	21 Apr 2020	6,251 (51)	0.82
Iceland	28 Feb 2020	21 Apr 2020	1,778 (10)	0.56
Ireland	28 Feb 2020	21 Apr 2020	16,040 (730)	4.55
Monaco	29 Feb 2020	17 Apr 2020	94 (3)	3.19
Czech Republic	01 Mar 2020	21 Apr 2020	6,961 (201)	2.89
Luxembourg	01 Mar 2020	21 Apr 2020	3,618 (78)	2.16
Armenia	01 Mar 2020	21 Apr 2020	1,401 (24)	1.71
Latvia	02 Mar 2020	21 Apr 2020	748 (9)	1.20
Portugal	02 Mar 2020	21 Apr 2020	21,379 (762)	3.56
Andorra	02 Mar 2020	21 Apr 2020	717 (37)	5.16
Liechtenstein	03 Mar 2020	21 Apr 2020	81 (1)	1.23
Ukraine	03 Mar 2020	21 Apr 2020	6,125 (161)	2.63
Slovenia	04 Mar 2020	21 Apr 2020	1,334 (77)	5.77
Hungary	04 Mar 2020	21 Apr 2020	2,098 (213)	10.15
Poland	04 Mar 2020	21 Apr 2020	9,737 (385)	3.95
Faroe Islands	04 Mar 2020	19 Apr 2020	185	
Bosnia and Herzegovina	05 Mar 2020	21 Apr 2020	1,342 (51)	3.80
Gibraltar	05 Mar 2020	17 Apr 2020	132	
Slovakia	06 Mar 2020	21 Apr 2020	1,199 (14)	1.17
Serbia	06 Mar 2020	21 Apr 2020	6,890 (130)	1.89
Vatican City	06 Mar 2020	10 Apr 2020	9	
Malta	07 Mar 2020	21 Apr 2020	443 (3)	0.68

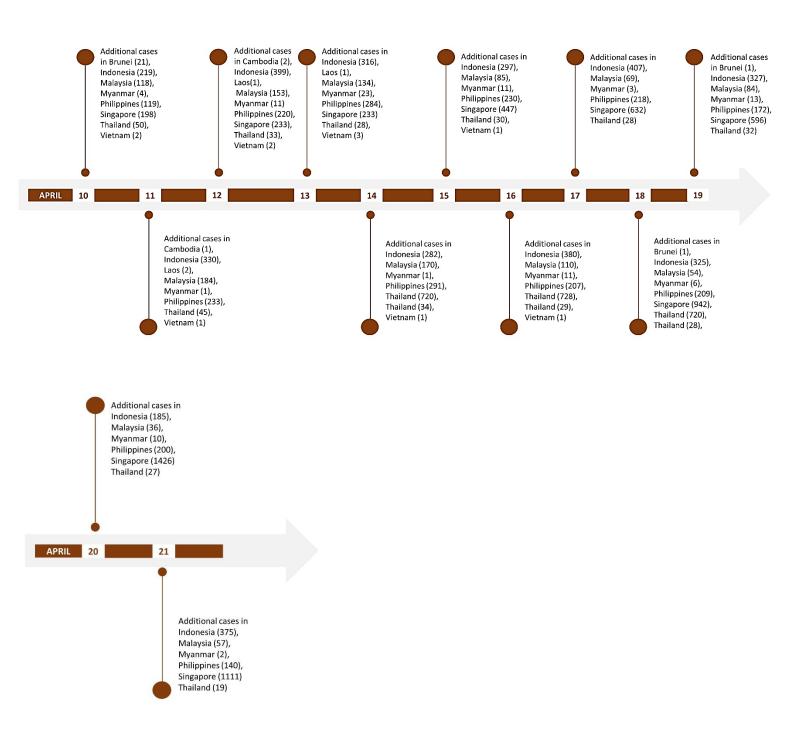
	Moldova	07 Mar 2020	21 Apr 2020	2 549 (72)	
	Moldova	07 Mar 2020	21 Apr 2020	2,548 (72)	2.83
	Bulgaria	08 Mar 2020	21 Apr 2020	975 (45)	4.62
	Albania	09 Mar 2020	21 Apr 2020	609 (26)	4.27
	Cyprus	09 Mar 2020	21 Apr 2020	784 (12)	1.53
	Channel Islands	09 Mar 2020	21 Apr 2020	488 (21)	4.30
	Jersey	10 Mar 2020	05 Apr 2020	126 (3)	2.38
	Kazakhstan	13 Mar 2020	21 Apr 2020	1,995 (19)	0.95
	Kosovo	13 Mar 2020	21 Apr 2020	598 (16)	2.68
	Uzbekistan	15 Mar 2020	21 Apr 2020	1,657 (5)	0.30
	Greenland	16 Mar 2020	05 Apr 2020	11	0.50
	Montenegro	17 Mar 2020	21 Apr 2020	313 (5)	
	-		· · ·		1.60
	Kyrgyztan	18 Mar 2020	21 Apr 2020	590 (7)	1.19
	Isle of Man	19 Mar 2020	21 Apr 2020	307 (9)	2.93
AIDDLE EAST	UAE	29 Jan 2020	21 Apr 2020	7,755 (46)	0.59
	Iran	19 Feb 2020	21 Apr 2020	84,802 (5,297)	6.25
	Israel	21 Feb 2020	21 Apr 2020	13,942 (184)	1.32
	Lebanon	21 Feb 2020	20 Apr 2020	677 (21)	3.10
	Kuwait	24 Feb 2020	21 Apr 2020	2,080 (11)	0.53
	Oman	24 Feb 2020	21 Apr 2020	1,508 (8)	0.53
	Bahrain	24 Feb 2020	21 Apr 2020	1,952 (7)	0.36
	Iraq	24 Feb 2020	21 Apr 2020	1,602 (83)	5.18
	Qatar	29 Feb 2020	21 Apr 2020	6,533 (9)	0.14
	Saudi Arabia	02 Mar 2020	21 Apr 2020	11,631 (109)	0.94
	Jordan	02 Mar 2020	21 Apr 2020	425 (7)	1.65
	Palestine	05 Mar 2020	21 Apr 2020	461 (4)	0.87
	Syria	22 Mar 2020	20 Apr 2020	39 (3)	7.69
	Yemen	10 Apr 2020	10 Apr 2020	1	
FRICA	Egypt	14 Feb 2020	21 Apr 2020	3,333 (250)	7.50
	Algeria	25 Feb 2020	21 Apr 2020	2,811 (392)	13.95
	Nigeria	28 Feb 2020	21 Apr 2020	665 (22)	3.31
	Tunisia	02 Mar 2020	21 Apr 2020	884 (38)	4.30
	Morocco	02 Mar 2020	21 Apr 2020	3,186 (144)	4.52
	Senegal South Africa	02 Mar 2020	21 Apr 2020	412 (5)	1.21
	South Africa	05 Mar 2020 06 Mar 2020	21 Apr 2020 21 Apr 2020	3,300 (58)	1.76
	Cameroon Togo	06 Mar 2020 06 Mar 2020	19 Apr 2020	1,163 (43) 84 (5)	3.70 5.95
	Burkina Faso	09 Mar 2020	21 Apr 2020	581 (38)	6.54
	Democratic Republic	10 Mar 2020	21 Apr 2020 21 Apr 2020	350 (25)	
	of Congo	11 Mar 0000	01 4 77 0000	070 (10)	7.14
	Ivory Coast Reunion	11 Mar 2020 11 Mar 2020	21 Apr 2020	879 (10)	1.14
	Ghana	13 Mar 2020	21 Apr 2020 20 Apr 2020	410	0.86
	Guinea	13 Mar 2020	20 Apr 2020 21 Apr 2020	688 (6)	0.86
	Gabon	13 Mar 2020	21 Apr 2020	120 (1)	0.87
	Sudan	13 Mar 2020	21 Apr 2020	107 (12)	11.21
	Kenya	13 Mar 2020	21 Apr 2020	296 (14)	4.73
	Ethiopia	13 Mar 2020	21 Apr 2020	114 (3)	2.63
	Central African	14 Mar 2020	21 Apr 2020	14	
	Republic	1.4.5.4 00000			
	Republic Seychelles Rwanda	14 Mar 2020 14 Mar 2020	06 Apr 2020 20 Apr 2020	11	

Swaziland	14 Mar 2020	21 Apr 2020	24 (1)	4.17
Mauritania	14 Mar 2020	14 Apr 2020	7 (1)	14.29
Mayotte	14 Mar 2020	21 Apr 2020	284 (4)	1.41
Equatorial Guinea	15 Mar 2020	17 Apr 2020	79	
Republic of Congo		20 Apr 2020	160 (6)	
	15 Mar 2020			3.75
Benin	16 Mar 2020	20 Apr 2020	54 (1)	1.85
Liberia	16 Mar 2020	20 Apr 2020	99 (8)	8.08
Tanzania	16 Mar 2020	21 Apr 2020	254 (10)	3.94
Somalia	16 Mar 2020	21 Apr 2020	237 (8)	3.38
Gambia	17 Mar 2020	20 Apr 2020	10 (1)	10.00
Zambia	17 Mar 2020	21 Apr 2020	70 (3)	4.29
Mauritius	18 Mar 2020	19 Apr 2020	328 (9)	2.74
Djibouti	18 Mar 2020	20 Apr 2020	846 (2)	0.24
Niger	19 Mar 2020	21 Apr 2020	655 (20)	3.05
Chad	19 Mar 2020	18 Apr 2020	33	
Zimbabwe	20 Mar 2020	19 Apr 2020	25 (3)	12.00
Cape Verde	20 Mar 2020	20 Apr 2020	67 (1)	1.49
Madagascar	20 Mar 2020	20 Apr 2020	121	
Uganda	21 Mar 2020	21 Apr 2020	58	
Eritrea	21 Mar 2020	19 Apr 2020	39	
Angola	21 Mar 2020	19 Apr 2020	24 (2)	8.33
Mozambique	22 Mar 2020	19 Apr 2020	39	
Libya	24 Mar 2020	21 Apr 2020	51 (1)	1.96
Guinea-Bissau	25 Mar 2020	20 Apr 2020	50	0.00
Mali	25 Mar 2020	21 Apr 2020	258 (14)	5.43
Botswana	30 Mar 2020	19 Apr 2020	20 (1)	5.00
Sierra Leone	31 Mar 2020	21 Apr 2020	50	
Burundi	31 Mar 2020	15 Apr 2020	5 (1)	20.00
Malawi	02 Apr 2020	17 Ap 2020	17 (2)	11.76
South Sudan	05 Apr 2020	10 Apr 2020	4	
Sao Tome and Principe	06 Apr 2020	06 Apr 2020	4	
			2.454,729 (171,804)	

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. **adjusted cumulative count from last report



Timeline of COVID-19: ASEAN (continuation)



Transmission Category of COVID-19 Affected Countries

BlueDot has classified countries worldwide into categories based on the observed rate of COVID-19 transmission using data generated by Bluedot's global epidemic surveillance system, as of 11:00AM EST on 21 April 2020. To contextualize each country's current situation, Bluedot calculated: (1) each country's rate of change for COVID-19 case reports over 7 days, (2) case fatality ratios (CFR) for each country, (3) each country's COVID-19 case burden, per 1,000 population and (4) each country's case doubling time (in days). We also utilized the Infectious Disease Vulnerability Index as a measure of each country's public health capacity to detect, respond, and/or control a COVID-19 outbreak.

The following report includes the following figures and table:

А

Map 1: Map depicting countries by the corresponding COVID-19 transmission category, as defined below.

Map 2: Map depicting the total number of COVID-19 cases reported per 1,000 population at a national level since the beginning of the pandemic. This case count includes active cases, resolved cases, and fatalities.

Table: Summary of country categorizations, IDVI value, and COVID-19 cases per 1,000 population

Countries reporting <100 cases and a slowly increasing rate of COVID-19 transmission

• These countries have reported <100 cases of COVID-19, a CFR \leq 4%, and have a favorable IDVI suggesting adequate capacity to detect, respond, and/or control an epidemic.

• Interpretation: These countries may be in an early phase of the epidemic, with limited community-based transmission.

B Countries reporting a steadily increasing OR stabilizing rate of COVID-19 transmission

• These countries have reported ≥ 100 cases of COVID-19 and have a steadily increasing OR stabilizing rate of COVID-19 transmission (i.e. the number of new cases reported each day is consistent, or increasing at a low rate).

• Interpretation: These countries may be in an early stage of the epidemic with either steadily increasing community-based transmission, OR demonstrating early evidence of effective epidemic control measures, OR have incomplete testing/reporting.

Countries reporting a rapidly increasing rate of COVID-19 transmission

• These countries have reported \geq 100 cases of COVID-19 and have a rapidly accelerating rate of COVID-19 transmission.

• Interpretation: These countries may be in the most aggressive stages of the epidemic and are experiencing widespread community-based transmission and likely have sufficient testing capacity.

D Countries reported a negative rate of COVID-19 transmission

- These countries have reported $\geq\!100$ cases of COVID-19 and have a decelerating rate of COVID-19 transmission.

• Interpretation: These countries may be in the mid- or later stages of the epidemic, with a negative rate of transmission (i.e. fewer new cases reported each day) due to robust and effective control measures.

E Countries where insufficient information is available on COVID-19 transmission

• These countries have not reported imported or local cases of COVID-19

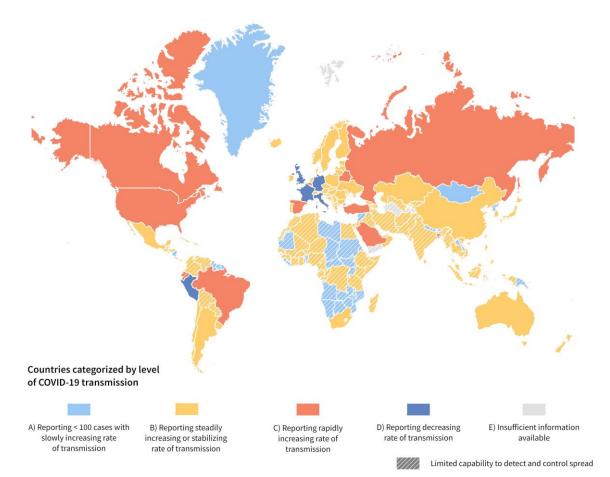


Figure 1. Map depicting countries by the corresponding COVID-19 transmission category

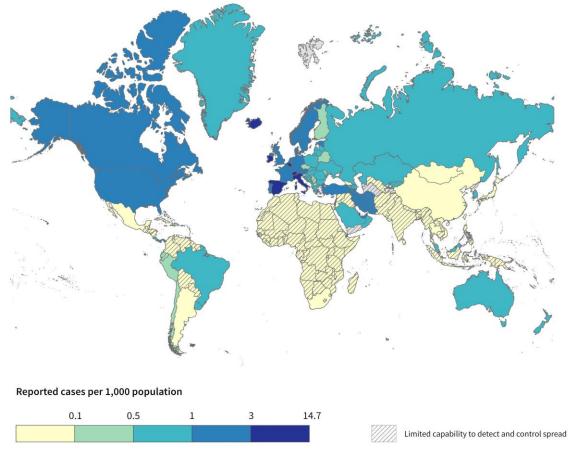


Figure 2. Map depicting the total number of COVID-19 cases reported per 1,000 population at a national level since the beginning of the pandemic. This include active cases, resolved cases, and fatalities

Country	COVID-19 Category As of April 3, 2020 ¹	COVID-19 Category As of April 7 ¹	COVID-19 Category As of April 91	COVID-19 Category As of April 151	COVID-19 Category As of April 171	COVID-19 Category As of April 211	IDVI Score	Doubling Time (days)⁴	Confirmed COVID-19 cases per 1,000 Population
Brunei	В	В	В	В	В	В	0.763	32	0.349
Cambodia	В	В	В	В	В	В	0.355	21	0.008
Indonesia	В	В	В	В	В	В	0.563	11	0.028
Laos	E	E	А	A	А	А	0.355	13	0.003
Malaysia	В	В	В	В	В	В	0.761	22	0.194
Myanmar	E	E	А	А	А	В	0.448	9	0.002
Philippines	D	В	В	В	В	В	0.545	16	0.066
Singapore	В	В	В	С	С	С	0.878	5	2.259
Thailand	В	В	В	В	В	В	0.711	23	0.042
Vietnam	В	В	В	В	В	В	0.626	23	0.003

Table 1. Summary of ASEAN Member States' country categorization, IDVI value, and COVID-19 cases per 1,000 population as of 21 April 2020

(refer to additional file for country categorization globally)

* Categorized based on suspected cases of COVID-19. Confirmed COVID-19 cases count & cases per 1,000

population unavailable.

1 Categorization determined based on the 7-day rate-of-change in new case reports.

2 Doubling time is calculated retrospectively based on cumulative case reports as of April 21, 2020 at 11:00AM EST.



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

