

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

ASEAN Biodiaspora Virtual Center (ABVC)

as of May 15, 2020 (2:00 PM GMT+8)



COVID-19: Highlights and Situation Overview

- World Health Organization (WHO) has published an interim guidance document on Laboratory biosafety for testing of clinical specimens of patients that meet the case definition of coronavirus disease (COVID-19).
- WHO Director-General highlighted during his media briefing the urgent need for all countries to invest in strong health systems and primary healthcare, as the best defense against outbreaks like COVID-19. The World Health Statistics published by WHO, show that people around the world are living longer and healthier lives overall with the biggest gains in low-income countries. However, the report also shows that the rate of progress is too slow to meet the Sustainable Development Goals and will be further thrown off track by COVID-19.
- Jakarta's (Indonesia) satellite areas of Bogor, Depok and Bekasi in West Java have extended their large-scale social restrictions (PSBB) policy until May 26 with stricter regulations in place to ensure public compliance to COVID-19 health protocols. Under the new regulation, all employees who still commute to work are not only required to bring their ID cards, but they must also bring an official letter of duty from the company and a medical statement from a hospital declaring that they are free from COVID-19 based on the result of a rapid or polymerase chain reaction (PCR) test.
- Denpasar City, Bali Indonesia is set to impose its own kind of mobility restrictions starting today (May 15) in an effort to clamp down on the transmission of COVID-19. The restrictions of community activities (officially called as PKM) aim to limit people's daily activities, make masks mandatory in public, tighten security at all of the city's entry points and enforce a policy of physical distancing. The new policy allows all businesses, including sidewalk shops, restaurants, malls, traditional markets and grocery stores, to keep operating and other social activities to keep running normally but with stricter health protocols in place.
- Classes for Grade 5 at primary school and Grades 4 and 7 at secondary school in Vientiane, Laos are set to reopen on May 18. All state and private schools nationwide are advised by the government authority to implement precautionary measures, recommended by The Ministry of Education and Sports and National Taskforce Committee for COVID-19 Prevention and Control, to prevent further spread of COVID-19.
- Myanmar extends its COVID-19 related measures until end of May. The extension will be applied to Myanmar government's temporary entry restrictions for visitors from all countries, the suspension of all types of visas, stay-home period, the restriction of organizing public events, the restriction of mass gatherings with five or more people, and nighttime curfews.
- COVID-19 cases in Singapore has reached more than 26,000. In the daily briefing of the Ministry of Health (MOH), it was stated that there are 752 new COVID-19 cases (as of May 14) but also worth-noting that 1,164 more patients have been discharged, the first time the number of recovered patients has crossed the 1,000 mark.
- Thailand's COVID-19 task force has developed a contact-tracing app as the fight to eradicate the virus continues. The Ministry of Digital Economy and

Society says the app, known as Thai Chana (Thailand Wins) will be used to track people's movements in order to easily contact anyone who may have visited a venue where the virus has been detected. The restaurants, shops and other businesses will be required to register online and provide a QR code for customers to scan as they arrive and leave the premises. Anybody found to have visited a "high risk" venue will be notified and advised to be tested for the virus.

- Brunei reports no new COVID-19 case/s for 8 days since May 7.
- Cambodia reports no new COVID-19 case/s for 33 days since April 12.
- Laos reports no new COVID-19 case/s for 33 days since April 12.
- Vietnam reports no new COVID-19 case/s for 8 days since May 7.
- Japan has lifted its state of emergency imposed due to the COVID-19 in 39 out of 47 prefectures. The order will still be applied in Tokyo, Osaka and on the northern island of Hokkaido, where new cases are emerging daily.
- South Korea reported 29 additional cases of the new coronavirus as of May 14, bringing the total number of infections in the country to 10,991. The Korea Centers for Disease Control and Prevention said among the cases confirmed the previous day, 12 were from Incheon, six from Gyeonggi Province and four from Seoul. North Chungcheong Province reported three new cases. The total number of infections traced to the popular nightlife area of Itaewon stood at 131 as health authorities made concerted efforts to carry out testing and contact tracing to prevent the virus from spreading further.
- Chinese authorities are preparing to test 11 million people in Wuhan after a cluster of six was confirmed for COVID-19. Fearful of another outbreak and a return to the draconian lockdowns, the authorities are drawing up plans for "10 days of battle", directing each district of Wuhan to develop and submit plans to test all their citizens.

Travel Advisories (new update/s)

- Myanmar: Myanmar's extension of COVID-19 measures until May 31 also include restriction on operation of all international air services at Yangon International Airport.
- Philippines: Manila's Ninoy Aquino International Airport has begun to relax the temporary ban on international arrivals this week until June 10. The Civil Aviation Authority of the Philippines (CAAP) has issued a notice to airmen (NOTAM) permitting selected inbound international flights on specific days pending clearance from both the CAAP and the Department of Foreign Affairs. Inbound international charters will be allowed to land on Mondays and Thursdays. Other days will be reserved for commercial passenger services. While passenger numbers on the chartered flights are uncapped, daily international arrivals are capped at just 400 passengers. Flights need to be approved 48 hours in advance.
- Thailand: Thailand's Civil Aviation Authority has signed an order which will allow the Phuket International Airport to re-open from the morning of Saturday, May 16. The order says that people arriving in Phuket from other provinces will be required to fill in a form describing their travel history, particularly recently and information about where they are staying while on the island. At this stage the opening of the airport is only to limited domestic flights. A ban remains in forced for international flights at least until May 31.

Cases and Deaths as of 15 May 2020

- As of May 15 (2PM, GMT+8), worldwide, there were **4,489,451** confirmed cases, including **301,647** deaths. Globally, Case Fatality Ratio (CFR)* is **6.72**.
- In **China**, there were **84,466** confirmed cases with **4,643** deaths, including deaths in Hong Kong (4) and Taiwan (6). Confirmed cases in China include confirmed cases in Hong Kong (1,052), Macau (45), and Taiwan (440).
- **4,404,985 confirmed cases** of COVID-19 have been reported in **212 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	14 May 2020	3,018 (56)	1.86
	Vietnam	23 Jan 2020	07 May 2020	288	
	Singapore	23 Jan 2020	14 May 2020	26,098 (21)	0.08
	Malaysia	25 Jan 2020	14 May 2020	6,819 (112)	1.64
	Cambodia	27 Jan 2020	12 Apr 2020	122	
	Philippines	30 Jan 2020	14 May 2020	11,876 (790)	6.65
	Indonesia	02 Mar 2020	14 May 2020	16,006 (1,043)	6.52
	Brunei	10 Mar 2020	07 May 2020	141 (1)	0.71
	Myanmar	23 Mar 2020	14 May 2020	181 (6)	3.31
	Lao PDR	24 Mar 2020	13 Apr 2020	19	
	Japan	16 Jan 2020	14 May 2020	16,755 (684)	4.08
	South Korea	20 Jan 2020	14 May 2020	10,991 (260)	2.37
	Nepal	24 Jan 2020	14 May 2020	246	
	Australia	25 Jan 2020	14 May 2020	6,989 (98)	1.40
	Sri Lanka	27 Jan 2020	14 May 2020	916 (9)	0.98
	India	30 Jan 2020	14 May 2020	81,990 (2,649)	3.23
	Afghanistan	24 Feb 2020	14 May 2020	5,639 (136)	2.41
	Pakistan	26 Feb 2020	14 May 2020	35,788 (770)	2.15
	New Zealand	28 Feb 2020	11 May 2020	1,497 (21)	1.40
	Bhutan	05 Mar 2020	14 May 2020	19	
	Maldives	07 Mar 2020	13 May 2020	955 (4)	0.42
	Bangladesh	08 Mar 2020	14 May 2020	18,863 (283)	1.50
	Mongolia	10 Mar 2020	14 May 2020	61	
	Turkey	10 Mar 2020	14 May 2020	143,114 (3,952)	2.76
	French Polynesia	12 Mar 2020	06 May 2020	60	
	Guam	15 Mar 2020	12 May 2020	152 (5)	3.29
	New Caledonia	17 Mar 2020	02 Apr 2020	18	
Fiji	18 Mar 2020	20 Apr 2020	18		
Papua New Guinea	21 Mar 2020	22 Apr 2020	8		
Timor Leste	21 Mar 2020	25 Apr 2020	24		
Northern Mariana Islands	28 Mar 2020	12 May 2020	19 (2)	10.53	
AMERICAS	USA	21 Jan 2020	14 May 2020	1,448,460 (86,468)	5.97

Canada	25 Jan 2020	14 May 2020	73,331 (5,468)	7.46
Brazil	26 Feb 2020	14 May 2020	190,137 (13,240)	6.96
Mexico	28 Feb 2020	14 May 2020	40,186 (4,220)	10.50
Saint Martin	01 Mar 2020	10 May 2020	39 (3)	7.69
Ecuador	01 Mar 2020	14 May 2020	30,486 (2,334)	7.66
Dominican Republic	01 Mar 2020	13 May 2020	11,196 (409)	3.65
Chile	03 Mar 2020	14 May 2020	34,381 (346)	1.01
Argentina	03 Mar 2020	14 May 2020	6,278 (317)	5.05
Peru	05 Mar 2020	14 May 2020	76,306 (2,169)	2.84
Costa Rica	06 Mar 2020	14 May 2020	815 (8)	0.98
Colombia	06 Mar 2020	14 May 2020	12,930 (509)	3.94
French Guiana	06 Mar 2020	13 May 2020	153 (1)	0.65
Martinique	06 Mar 2020	14 May 2020	189 (14)	7.41
Paraguay	07 Mar 2020	14 May 2020	740 (11)	1.49
Panama	10 Mar 2020	14 May 2020	8,944 (256)	2.86
Bolivia	10 Mar 2020	14 May 2020	3,148 (142)	4.51
Honduras	11 Mar 2020	14 May 2020	2,255 (123)	5.45
Cuba	11 Mar 2020	14 May 2020	1,810 (79)	4.36
Guyana	11 Mar 2020	13 May 2020	113 (10)	8.85
Jamaica	12 Mar 2020	13 May 2020	509 (9)	1.77
St Vincent and the Grenadines	12 Mar 2020	04 May 2020	17	
Saint Lucia	13 Mar 2020	04 May 2020	18	
Trinidad and Tobago	13 Mar 2020	27 Apr 2020	116 (8)	6.90
Venezuela	13 Mar 2020	14 May 2020	440 (10)	2.27
Guatemala	13 Mar 2020	14 May 2020	1,342 (29)	2.16
Uruguay	13 Mar 2020	14 May 2020	719 (19)	2.64
Curacao	13 Mar 2020	25 Apr 2020	16 (1)	6.25
Puerto Rico	13 Mar 2020	14 May 2020	2,427 (117)	4.82
Suriname	13 Mar 2020	08 Apr 2020	10 (1)	10.00
Antigua and Barbuda	13 Mar 2020	02 May 2020	25 (3)	12.00
Guadeloupe	13 Mar 2020	13 May 2020	155 (13)	8.39
Cayman Islands	13 Mar 2020	14 May 2020	86 (1)	1.16
Aruba	14 Mar 2020	06 May 2020	101 (2)	1.98
Bahamas	15 Mar 2020	14 May 2020	94 (11)	11.70
US Virgin Islands	16 Mar 2020	11 May 2020	69 (5)	7.25
Sint Maarten	17 Mar 2020	10 May 2020	76 (15)	19.74
Montserrat	17 Mar 2020	25 Apr 2020	11 (1)	9.09
Barbados	17 Mar 2020	13 May 2020	85 (7)	8.24
El Salvador	18 Mar 2020	14 May 2020	1,112 (20)	1.80
Nicaragua	18 Mar 2020	13 May 2020	25 (8)	32.00
Bermuda	18 Mar 2020	13 May 2020	121 (8)	6.61
Haiti	19 Mar 2020	14 May 2020	234 (18)	7.69
Dominica	22 Mar 2020	11 Apr 2020	16	

	Grenada	22 Mar 2020	03 May 2020	21	
	Belize	23 Mar 2020	14 Apr 2020	18 (2)	11.11
	Turks and Caicos Islands	23 Mar 2020	28 Apr 2020	12 (1)	8.33
	Saint Kitts and Nevis	24 Mar 2020	20 Apr 2020	15	
	British Virgin Islands	25 Mar 2020	07 May 2020	7 (1)	14.29
	Anguilla	26 Mar 2020	03 Apr 2020	3	
	Caribbean Netherlands	01 Apr 2020	04 May 2020	6	
	Falkland Islands	03 Apr 2020	24 Apr 2020	13	
	Saint Pierre and Miquelon	05 Apr 2020	05 Apr 2020	1	
EUROPE	France	24 Jan 2020	14 May 2020	178,870 (27,425)	15.33
	Germany	27 Jan 2020	14 May 2020	174,578 (7,889)	4.52
	Finland	29 Jan 2020	14 May 2020	6,145 (287)	4.67
	Italy	30 Jan 2020	14 May 2020	223,096 (31,368)	14.06
	Russian Federation	31 Jan 2020	14 May 2020	252,425 (2,305)	0.91
	Spain	31 Jan 2020	14 May 2020	272,646 (27,321)	10.02
	Sweden	31 Jan 2020	14 May 2020	28,582 (3,529)	12.35
	United Kingdom of Great Britain	31 Jan 2020	14 May 2020	233,151 (33,614)	14.42
	Belgium	05 Feb 2020	14 May 2020	54,288 (8,903)	16.40
	Switzerland	25 Feb 2020	14 May 2020	30,463 (1,870)	6.14
	Austria	25 Feb 2020	14 May 2020	16,058 (626)	3.90
	Croatia	25 Feb 2020	14 May 2020	2,221 (94)	4.23
	Norway	26 Feb 2020	14 May 2020	8,187 (232)	2.83
	Romania	26 Feb 2020	14 May 2020	16,247 (1,046)	6.44
	Estonia	26 Feb 2020	14 May 2020	1,758 (62)	3.53
	Georgia	26 Feb 2020	14 May 2020	652 (12)	1.84
	North Macedonia	26 Feb 2020	14 May 2020	1,723 (95)	5.51
	Greece	26 Feb 2020	13 May 2020	2,760 (155)	5.62
	Denmark	27 Feb 2020	14 May 2020	10,713 (537)	5.01
	San Marino	27 Feb 2020	14 May 2020	648 (41)	6.33
	Lithuania	27 Feb 2020	14 May 2020	1,511 (54)	3.57
	Netherlands	27 Feb 2020	14 May 2020	43,481 (5,590)	12.86
	Azerbaijan	27 Feb 2020	14 May 2020	2,758 (35)	1.27
	Belarus	28 Feb 2020	14 May 2020	26,772 (151)	0.56
	Iceland	28 Feb 2020	13 May 2020	1,802 (10)	0.55
	Ireland	28 Feb 2020	14 May 2020	23,401 (1,497)	6.40
	Monaco	29 Feb 2020	10 May 2020	96 (4)	4.17
	Czech Republic	01 Mar 2020	14 May 2020	8,275 (290)	3.50
Luxembourg	01 Mar 2020	14 May 2020	3,904 (103)	2.64	
Armenia	01 Mar 2020	14 May 2020	3,860 (49)	1.27	
Latvia	02 Mar 2020	14 May 2020	962 (19)	1.98	
Portugal	02 Mar 2020	14 May 2020	28,319 (1,184)	4.18	

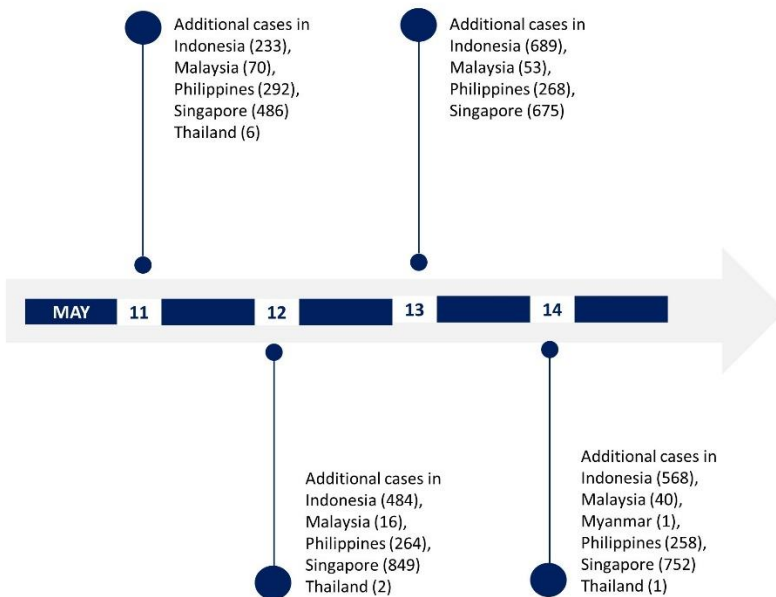
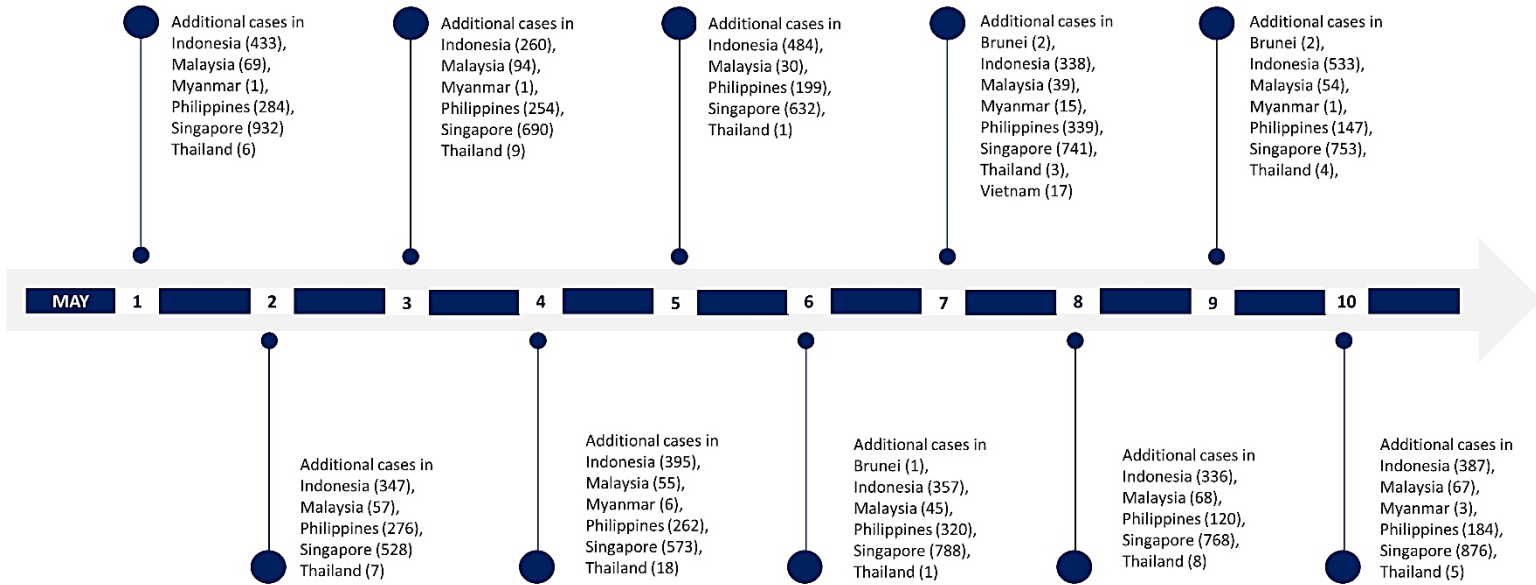
	Andorra	02 Mar 2020	14 May 2020	760 (49)	6.45
	Liechtenstein	03 Mar 2020	27 Apr 2020	82 (1)	1.22
	Ukraine	03 Mar 2020	14 May 2020	16,847 (456)	2.71
	Slovenia	04 Mar 2020	14 May 2020	1,464 (103)	7.04
	Hungary	04 Mar 2020	14 May 2020	3,380 (436)	12.90
	Poland	04 Mar 2020	14 May 2020	17,615 (883)	5.01
	Faroe Islands	04 Mar 2020	23 Apr 2020	187	
	Bosnia and Herzegovina	05 Mar 2020	13 May 2020	2,181 (120)	5.50
	Gibraltar	05 Mar 2020	14 May 2020	147**	
	Slovakia	06 Mar 2020	14 May 2020	1,477 (27)	1.83
	Serbia	06 Mar 2020	14 May 2020	10,374 (224)	2.16
	Vatican City	06 Mar 2020	08 May 2020	12	
	Malta	07 Mar 2020	14 May 2020	522 (6)	1.15
	Moldova	07 Mar 2020	14 May 2020	5,406 (185)	3.42
	Bulgaria	08 Mar 2020	14 May 2020	2,100 (99)	4.71
	Albania	09 Mar 2020	14 May 2020	898 (31)	3.45
	Cyprus	09 Mar 2020	14 May 2020	905 (17)	1.88
	Channel Islands	09 Mar 2020	14 May 2020	548 (43)	7.85
	Jersey	10 Mar 2020	14 May 2020	296 (27)	9.12
	Kazakhstan	13 Mar 2020	14 May 2020	5,571 (32)	0.57
	Kosovo	13 Mar 2020	13 May 2020	919 (29)	3.16
	Uzbekistan	15 Mar 2020	14 May 2020	2,636 (11)	0.42
	Greenland	16 Mar 2020	05 Apr 2020	11	
	Montenegro	17 Mar 2020	10 May 2020	324 (9)	2.78
	Kyrgyzstan	18 Mar 2020	14 May 2020	1,082 (12)	1.11
	Isle of Man	19 Mar 2020	14 May 2020	332 (23)	6.93
	Tajikistan	30 Apr 2020	14 May 2020	801 (23)	2.87
MIDDLE EAST	UAE	29 Jan 2020	14 May 2020	21,084 (208)	0.99
	Iran	19 Feb 2020	14 May 2020	114,533 (6,854)	5.98
	Israel	21 Feb 2020	14 May 2020	16,567 (264)	1.59
	Lebanon	21 Feb 2020	14 May 2020	886 (26)	2.93
	Kuwait	24 Feb 2020	14 May 2020	11,975 (88)	0.73
	Oman	24 Feb 2020	14 May 2020	4,341 (17)	0.39
	Bahrain	24 Feb 2020	14 May 2020	5,816 (10)	0.17
	Iraq	24 Feb 2020	14 May 2020	3,032 (115)	3.79
	Qatar	29 Feb 2020	14 May 2020	28,272 (14)	0.05
	Saudi Arabia	02 Mar 2020	14 May 2020	46,869 (283)	0.60
	Jordan	02 Mar 2020	14 May 2020	582 (9)	1.55
	Palestine	05 Mar 2020	14 May 2020	548 (4)	0.73
	Syria	22 Mar 2020	14 May 2020	48 (3)	6.25
	Yemen	10 Apr 2020	14 May 2020	70 (12)	17.14
AFRICA	Egypt	14 Feb 2020	13 May 2020	10,431 (556)	5.33
	Algeria	25 Feb 2020	14 May 2020	6,442 (529)	8.21
	Nigeria	28 Feb 2020	14 May 2020	4,971 (164)	3.30
	Tunisia	02 Mar 2020	10 May 2020	1,032 (45)	4.36
	Morocco	02 Mar 2020	14 May 2020	6,593 (189)	2.87
	Senegal	02 Mar 2020	14 May 2020	2,189 (23)	1.05
	South Africa	05 Mar 2020	14 May 2020	12,074 (219)	1.81
	Cameroon	06 Mar 2020	14 May 2020	2,800 (136)	4.86

Togo	06 Mar 2020	14 May 2020	219 (11)	5.02
Burkina Faso	09 Mar 2020	14 May 2020	773 (51)	6.60
Democratic Republic of Congo	10 Mar 2020	14 May 2020	1,242 (50)	4.03
Ivory Coast	11 Mar 2020	14 May 2020	1,912 (24)	1.26
Reunion	11 Mar 2020	14 May 2020	439	
Ghana	13 Mar 2020	14 May 2020	5,408 (24)	0.44
Guinea	13 Mar 2020	14 May 2020	2,374 (14)	0.59
Gabon	13 Mar 2020	14 May 2020	1,004 (9)	0.90
Sudan	13 Mar 2020	14 May 2020	1,818 (90)	4.95
Kenya	13 Mar 2020	14 May 2020	758 (42)	5.54
Ethiopia	13 Mar 2020	14 May 2020	272 (5)	1.84
Central African Republic	14 Mar 2020	09 May 2020	143	
Seychelles	14 Mar 2020	06 Apr 2020	11	
Rwanda	14 Mar 2020	14 May 2020	287	
Namibia	14 Mar 2020	05 Apr 2020	16	
Swaziland	14 Mar 2020	13 May 2020	187 (2)	1.07
Mauritania	14 Mar 2020	13 May 2020	9 (2)	22.22
Mayotte	14 Mar 2020	14 May 2020	1,143 (14)	1.22
Equatorial Guinea	15 Mar 2020	13 May 2020	522 (6)	1.15
Republic of Congo	15 Mar 2020	12 May 2020	333 (11)	3.30
Benin	16 Mar 2020	13 May 2020	327 (2)	0.61
Liberia	16 Mar 2020	14 May 2020	213 (20)	9.39
Tanzania	16 Mar 2020	09 May 2020	509 (18)	3.54
Somalia	16 Mar 2020	14 May 2020	1,219 (52)	4.27
Gambia	17 Mar 2020	13 May 2020	23 (1)	4.35
Zambia	17 Mar 2020	14 May 2020	654 (7)	1.07
Mauritius	18 Mar 2020	02 May 2020	332 (10)	3.01
Djibouti	18 Mar 2020	13 May 2020	1,268 (3)	0.24
Niger	19 Mar 2020	14 May 2020	860 (49)	5.70
Chad	19 Mar 2020	14 May 2020	372 (42)	11.29
Zimbabwe	20 Mar 2020	14 May 2020	37 (4)	10.81
Cape Verde	20 Mar 2020	14 May 2020	289 (2)	0.69
Madagascar	20 Mar 2020	14 May 2020	212	
Uganda	21 Mar 2020	14 May 2020	139	
Eritrea	21 Mar 2020	19 Apr 2020	39	
Angola	21 Mar 2020	11 May 2020	45 (2)	4.44
Mozambique	22 Mar 2020	14 May 2020	115	
Libya	24 Mar 2020	07 May 2020	64 (3)	4.69
Guinea-Bissau	25 Mar 2020	14 May 2020	836 (3)	0.36
Mali	25 Mar 2020	14 May 2020	758 (44)	5.80
Botswana	30 Mar 2020	12 May 2020	24 (1)	4.17
Sierra Leone	31 Mar 2020	14 May 2020	387 (26)	6.72
Burundi	31 Mar 2020	04 May 2020	15 (1)	6.67
Malawi	02 Apr 2020	13 May 2020	63 (3)	4.76
South Sudan	05 Apr 2020	14 May 2020	203	
Sao Tome and Principe	06 Apr 2020	13 May 2020	220 (6)	2.73
Lesotho	13 May 2020	13 May 2020	1	
			4,404,985	
			(297,004)	

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.

**corrected value from the last report

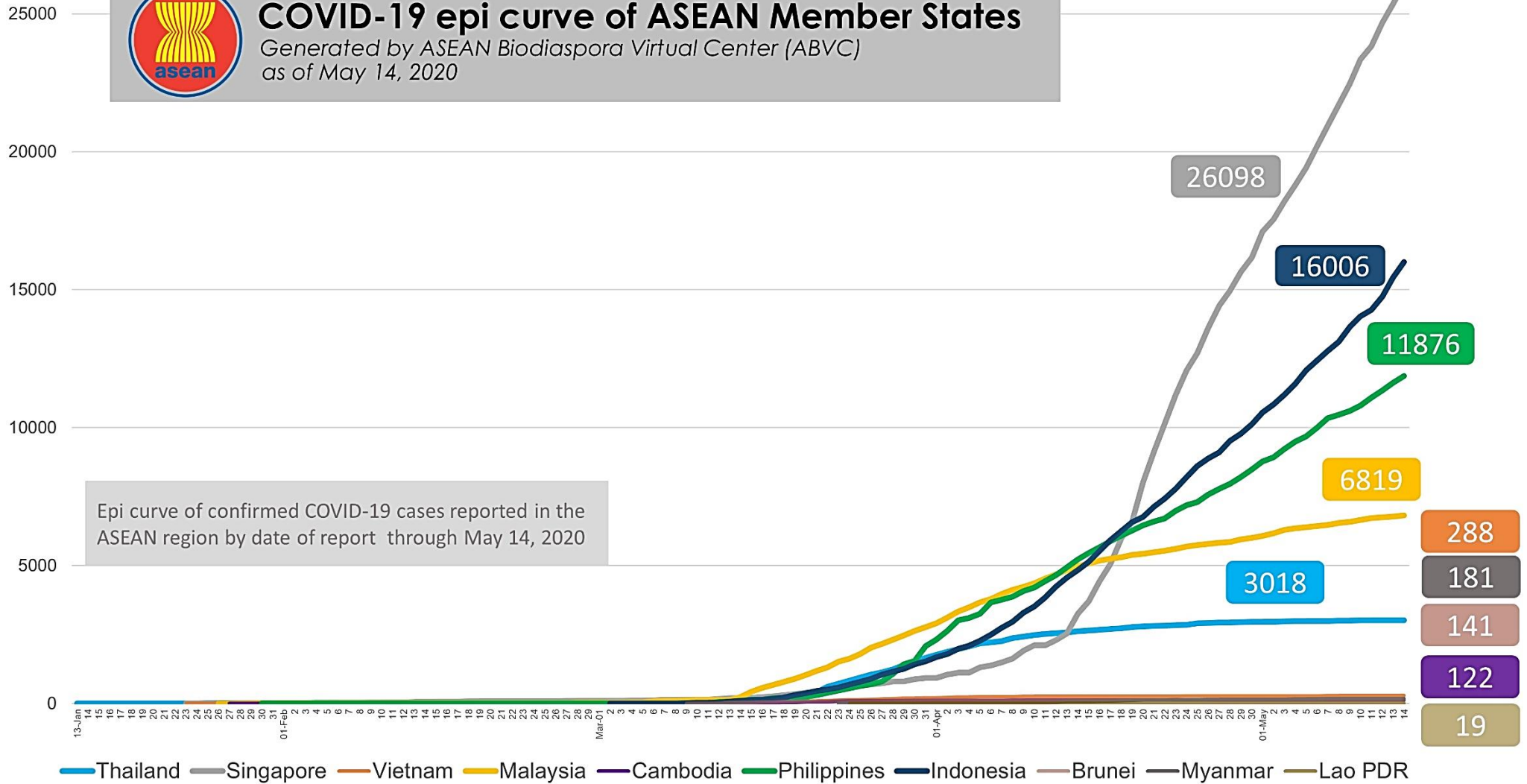
Timeline of COVID-19: ASEAN (continuation)





COVID-19 epi curve of ASEAN Member States

Generated by ASEAN Biodiaspora Virtual Center (ABVC)
as of May 14, 2020





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