

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

ASEAN Biodiaspora Virtual Center (ABVC)

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



## COVID-19: Highlights and Situation Overview

- World Health Organization (WHO), United Nations Children's Fund (UNICEF), and the International Federation of the Red Cross have published guidance for countries on how to maintain community-based healthcare in the context of COVID-19. It complements the United Nations framework for the socio-economic response to COVID-19.
- Indonesia and South Korea joined hands in COVID-19 response. The South Korean government has pledged to donate USD 500,000 worth of test kits and disinfectant sprayers to help Indonesia combat the COVID-19 outbreak.
- The Thai Ministry of Public Health on May 6 told the media that medical authorities had made progress in developing a vaccine for the COVID-19 after laboratory trials of a prototype proved successful.
- On May 7, Japan government authorized the antiviral drug remdesivir to treat COVID-19 patients with an eye to approving another medication Avigan this month. This makes Japan the second country to approve the drug after US regulators authorized it last May 1 for emergency use against severe cases of COVID-19.
- South Korean health authorities raised new concerns about the novel coronavirus after reporting last month that dozens of patients who had recovered from the illness later tested positive again. The findings suggested that some people who recovered from COVID-19 can be re-infected with the SARS-CoV-2 and may potentially complicate efforts to lift quarantine restrictions and produce a vaccine. According to KCDC, authorities are still gathering evidence to support their theory that the particles are from "dead" virus cells which will no longer pose a significant threat to the patient or others.
- Philippines' National Task Force COVID-19 announced today (May 8) that the country now has the capacity to perform 12,000 tests a day for COVID-19 as it tries to move closer to its goal of conducting 30,000 tests a day by May 30. The government is also planning to set up additional 50 laboratories within May on top of the 20 existing testing laboratories from the government and private sector.
- Central China's Hubei Province reports no new COVID-19 cases. This marked that Hubei had reported no new case/s for 33 consecutive days since April 4.
- Cambodia reports no new COVID-19 case/s for 26 days since April 12.
- Laos reports no new COVID-19 case/s for 26 days since April 12.

### Travel Advisories (new update/s)

- Indonesia: Several Indonesian airlines have resumed domestic passenger flights following a letter from the COVID-19 task force allowing certain people to travel. A circular letter issued by the COVID-19 task force last May 6 allows businesspeople and state officials that are involved in health and essential services to travel. Repatriated Indonesian nationals, individuals who need emergency medical care and family members of a deceased individual are also exempted from the ban. All inbound and outbound travel from COVID-19 red zones, areas implementing large scale social restrictions (PSBB), and agglomeration areas (such as Greater Jakarta and Greater Bandung) in West Java, is prohibited until May 31. Lion Air, Wings Air and Batik Air will resume domestic passenger flights on May 10.
- Malaysia: Malaysia government announced on May 7 that interstate travel via express buses are now permitted. However, bus operators must adhere to the

SOP guidelines. Motorcycles are also permitted for interstate travel. For land public transport, this is only allowed for operators with legal permits. Those travelling by private vehicles, those intending to travel interstate may request for permit and generate a QR code (valid for 1-day only) via Gerak Malaysia application.

- Vietnam: Vietnam Airlines, Jetstar Pacific and Vietnam Air Service Company (Vasco) plan to increase the frequency of flights from May 16 to meet the increasing travel demand of passengers. The move is under the direction of the Ministry of Transport and the Civil Aviation Authority of Vietnam (CAAV), in which the domestic airway network is expected to be completely restored from June.

### Cases and Deaths as of 08 May 2020

- As of May 08 (2PM, GMT+8), worldwide, there were **3,848,517** confirmed cases, including **268,930** deaths. Globally, Case Fatality Ratio (CFR)\* is **6.99**.
- In **China**, there were **84,415** 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 (1,045), Macau (45), and Taiwan (440).
- **3,764,102 confirmed cases** of COVID-19 have been reported in **211 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	07 May 2020	2,992 (55)	1.84
	Vietnam	23 Jan 2020	07 May 2020	288	
	Singapore	23 Jan 2020	07 May 2020	20,939 (20)	0.10
	Malaysia	25 Jan 2020	07 May 2020	6,467 (107)	1.65
	Cambodia	27 Jan 2020	12 Apr 2020	122	
	Philippines	30 Jan 2020	07 May 2020	10,343 (685)	6.62
	Indonesia	02 Mar 2020	07 May 2020	12,776 (930)	7.28
	Brunei	10 Mar 2020	07 May 2020	141 (1)	0.71
	Myanmar	23 Mar 2020	07 May 2020	176 (6)	3.41
	Lao PDR	24 Mar 2020	13 Apr 2020	19	
	Japan	16 Jan 2020	06 May 2020	15,959 (563)	3.53
	South Korea	20 Jan 2020	07 May 2020	10,810 (256)	2.37
	Nepal	24 Jan 2020	07 May 2020	101	
	Australia	25 Jan 2020	07 May 2020	6,896 (97)	1.41
	Sri Lanka	27 Jan 2020	07 May 2020	804 (9)	1.12
	India	30 Jan 2020	07 May 2020	56,351 (1,889)	3.35
	Afghanistan	24 Feb 2020	07 May 2020	3,563 (106)	2.98
	Pakistan	26 Feb 2020	07 May 2020	24,644 (585)	2.37
	New Zealand	28 Feb 2020	07 May 2020	1,489 (21)	1.41
	Bhutan	05 Mar 2020	23 Apr 2020	7	
Maldives	07 Mar 2020	07 May 2020	642 (2)	0.31	
Bangladesh	08 Mar 2020	07 May 2020	12,425 (186)	1.50	
Mongolia	10 Mar 2020	05 May 2020	41		

	<b>Turkey</b>	10 Mar 2020	07 May 2020	131,744 (3,584)	2.72
	<b>French Polynesia</b>	12 Mar 2020	06 May 2020	60	
	<b>Guam</b>	15 Mar 2020	07 May 2020	151 (5)	3.31
	<b>New Caledonia</b>	17 Mar 2020	02 Apr 2020	18	
	<b>Fiji</b>	18 Mar 2020	20 Apr 2020	18	
	<b>Papua New Guinea</b>	21 Mar 2020	22 Apr 2020	8	
	<b>Timor Leste</b>	21 Mar 2020	25 Apr 2020	24	
	<b>Northern Mariana Islands</b>	28 Mar 2020	06 May 2020	15 (2)	13.33
<b>AMERICAS</b>	<b>USA</b>	21 Jan 2020	07 May 2020	1,280,951 (76,290)	5.96
	<b>Canada</b>	25 Jan 2020	07 May 2020	64,835 (4,484)	6.92
	<b>Brazil</b>	26 Feb 2020	07 May 2020	126,611 (8,588)	6.78
	<b>Mexico</b>	28 Feb 2020	07 May 2020	27,634 (2,704)	9.79
	<b>Saint Martin</b>	01 Mar 2020	06 May 2020	38 (3)	7.89
	<b>Ecuador</b>	01 Mar 2020	07 May 2020	29,420 (1,618)**	5.50
	<b>Dominican Republic</b>	01 Mar 2020	06 May 2020	8,807 (362)	4.11
	<b>Chile</b>	03 Mar 2020	07 May 2020	24,581 (285)	1.16
	<b>Argentina</b>	03 Mar 2020	07 May 2020	5,208 (273)	5.24
	<b>Peru</b>	05 Mar 2020	07 May 2020	54,817 (1,533)	2.80
	<b>Costa Rica</b>	06 Mar 2020	07 May 2020	761 (6)	0.79
	<b>Colombia</b>	06 Mar 2020	07 May 2020	8,959 (307)	3.43
	<b>French Guiana</b>	06 Mar 2020	06 May 2020	138 (1)	0.72
	<b>Martinique</b>	06 Mar 2020	05 May 2020	182 (14)	7.69
	<b>Paraguay</b>	07 Mar 2020	07 May 2020	462 (10)	2.16
	<b>Panama</b>	10 Mar 2020	07 May 2020	7,731 (218)	2.82
	<b>Bolivia</b>	10 Mar 2020	07 May 2020	1,886 (91)	4.83
	<b>Honduras</b>	11 Mar 2020	07 May 2020	1,461 (99)	6.78
	<b>Cuba</b>	11 Mar 2020	07 May 2020	1,703 (69)	4.05
	<b>Guyana</b>	11 Mar 2020	06 May 2020	93 (10)	10.75
	<b>Jamaica</b>	12 Mar 2020	07 May 2020	478 (9)	1.88
	<b>St Vincent and the Grenadines</b>	12 Mar 2020	04 May 2020	17	
	<b>Saint Lucia</b>	13 Mar 2020	04 May 2020	18	
	<b>Trinidad and Tobago</b>	13 Mar 2020	27 Apr 2020	116 (8)	6.90
	<b>Venezuela</b>	13 Mar 2020	07 May 2020	379 (10)	2.64
	<b>Guatemala</b>	13 Mar 2020	07 May 2020	798 (21)	2.63
	<b>Uruguay</b>	13 Mar 2020	07 May 2020	673 (17)	2.53
	<b>Curacao</b>	13 Mar 2020	25 Apr 2020	16 (1)	6.25
	<b>Puerto Rico</b>	13 Mar 2020	07 May 2020	2,031 (102)	5.02
	<b>Suriname</b>	13 Mar 2020	08 Apr 2020	10 (1)	10.00
<b>Antigua and Barbuda</b>	13 Mar 2020	02 May 2020	25 (3)	12.00	
<b>Guadeloupe</b>	13 Mar 2020	06 May 2020	152 (13)	8.55	
<b>Cayman Islands</b>	13 Mar 2020	06 May 2020	78 (1)	1.28	

<b>Aruba</b>	14 Mar 2020	06 May 2020	101 (2)	1.98	
<b>Bahamas</b>	15 Mar 2020	07 May 2020	92 (11)	11.96	
<b>US Virgin Islands</b>	16 Mar 2020	01 May 2020	66 (4)	6.06	
<b>Sint Maarten</b>	17 Mar 2020	01 May 2020	76 (13)	17.11	
<b>Montserrat</b>	17 Mar 2020	25 Apr 2020	11 (1)	9.09	
<b>Barbados</b>	17 Mar 2020	04 May 2020	82 (7)	8.54	
<b>El Salvador</b>	18 Mar 2020	07 May 2020	695 (15)	2.16	
<b>Nicaragua</b>	18 Mar 2020	06 May 2020	16 (5)	31.25	
<b>Bermuda</b>	18 Mar 2020	07 May 2020	118 (7)	5.93	
<b>Haiti</b>	19 Mar 2020	07 May 2020	108 (12)	11.11	
<b>Dominica</b>	22 Mar 2020	11 Apr 2020	16		
<b>Grenada</b>	22 Mar 2020	03 May 2020	21		
<b>Belize</b>	23 Mar 2020	14 Apr 2020	18 (2)	11.11	
<b>Turks and Caicos Islands</b>	23 Mar 2020	28 Apr 2020	12 (1)	8.33	
<b>Saint Kitts and Nevis</b>	24 Mar 2020	20 Apr 2020	15		
<b>British Virgin Islands</b>	25 Mar 2020	07 May 2020	7 (1)	14.29	
<b>Anguilla</b>	26 Mar 2020	03 Apr 2020	3		
<b>Caribbean Netherlands</b>	01 Apr 2020	04 May 2020	6		
<b>Falkland Islands</b>	03 Apr 2020	24 Apr 2020	13		
<b>Saint Pierre and Miquelon</b>	05 Apr 2020	05 Apr 2020	1		
<b>EUROPE</b>	<b>France</b>	24 Jan 2020	07 May 2020	137,799 (25,987)	18.86
	<b>Germany</b>	27 Jan 2020	07 May 2020	169,042 (7,347)	4.35
	<b>Finland</b>	29 Jan 2020	07 May 2020	5,673 (255)	4.49
	<b>Italy</b>	30 Jan 2020	07 May 2020	215,858 (29,958)	13.88
	<b>Russian Federation</b>	31 Jan 2020	07 May 2020	177,160 (1,625)	0.92
	<b>Spain</b>	31 Jan 2020	07 May 2020	256,855 (26,070)	10.15
	<b>Sweden</b>	31 Jan 2020	07 May 2020	24,623 (3,040)	12.35
	<b>United Kingdom of Great Britain</b>	31 Jan 2020	07 May 2020	206,715 (30,615)	14.81
	<b>Belgium</b>	05 Feb 2020	07 May 2020	51,420 (8,415)	16.37
	<b>Switzerland</b>	25 Feb 2020	07 May 2020	30,126 (1,808)	6.00
	<b>Austria</b>	25 Feb 2020	07 May 2020	15,752 (600)	3.81
	<b>Croatia</b>	25 Feb 2020	07 May 2020	2,125 (86)	4.05
	<b>Norway</b>	26 Feb 2020	07 May 2020	7,996 (216)	2.70
	<b>Romania</b>	26 Feb 2020	07 May 2020	14,499 (886)	6.11
	<b>Estonia</b>	26 Feb 2020	07 May 2020	1,720 (56)	3.26
	<b>Georgia</b>	26 Feb 2020	07 May 2020	615 (9)	1.46
	<b>North Macedonia</b>	26 Feb 2020	07 May 2020	1,572 (89)	5.66
	<b>Greece</b>	26 Feb 2020	07 May 2020	2,663 (147)	5.52
	<b>Denmark</b>	27 Feb 2020	07 May 2020	10,083 (506)	5.02
	<b>San Marino</b>	27 Feb 2020	07 May 2020	622 (41)	6.59
<b>Lithuania</b>	27 Feb 2020	07 May 2020	1,433 (49)	3.42	

<b>Netherlands</b>	27 Feb 2020	07 May 2020	41,774 (5,288)	12.66
<b>Azerbaijan</b>	27 Feb 2020	07 May 2020	2,127 (28)	1.32
<b>Belarus</b>	28 Feb 2020	07 May 2020	20,168 (116)	0.58
<b>Iceland</b>	28 Feb 2020	03 May 2020	1,799 (10)	0.56
<b>Ireland</b>	28 Feb 2020	07 May 2020	22,248 (1,375)	6.18
<b>Monaco</b>	29 Feb 2020	28 Apr 2020	95 (4)	4.21
<b>Czech Republic</b>	01 Mar 2020	07 May 2020	7,979 (263)	3.30
<b>Luxembourg</b>	01 Mar 2020	07 May 2020	3,851 (98)	2.54
<b>Armenia</b>	01 Mar 2020	07 May 2020	2,884 (42)	1.46
<b>Latvia</b>	02 Mar 2020	07 May 2020	909 (18)	1.98
<b>Portugal</b>	02 Mar 2020	07 May 2020	26,715 (1,105)	4.14
<b>Andorra</b>	02 Mar 2020	06 May 2020	751 (46)	6.13
<b>Liechtenstein</b>	03 Mar 2020	27 Apr 2020	82 (1)	1.22
<b>Ukraine</b>	03 Mar 2020	07 May 2020	13,691 (340)	2.48
<b>Slovenia</b>	04 Mar 2020	07 May 2020	1,449 (99)	6.83
<b>Hungary</b>	04 Mar 2020	07 May 2020	3,150 (383)	12.16
<b>Poland</b>	04 Mar 2020	07 May 2020	15,047 (755)	5.02
<b>Faroe Islands</b>	04 Mar 2020	23 Apr 2020	187	
<b>Bosnia and Herzegovina</b>	05 Mar 2020	07 May 2020	2,027 (90)	4.44
<b>Gibraltar</b>	05 Mar 2020	01 May 2020	144	
<b>Slovakia</b>	06 Mar 2020	07 May 2020	1,445 (26)	1.80
<b>Serbia</b>	06 Mar 2020	07 May 2020	9,848 (206)	2.09
<b>Vatican City</b>	06 Mar 2020	01 May 2020	11	
<b>Malta</b>	07 Mar 2020	07 May 2020	486 (5)	1.03
<b>Moldova</b>	07 Mar 2020	07 May 2020	4,605 (145)	3.15
<b>Bulgaria</b>	08 Mar 2020	07 May 2020	1,811 (84)	4.64
<b>Albania</b>	09 Mar 2020	07 May 2020	842 (31)	3.68
<b>Cyprus</b>	09 Mar 2020	07 May 2020	883 (15)	1.70
<b>Channel Islands</b>	09 Mar 2020	06 May 2020	545 (40)**	7.34
<b>Jersey</b>	10 Mar 2020	06 May 2020	293 (25)	8.53
<b>Kazakhstan</b>	13 Mar 2020	07 May 2020	4,578 (30)	0.66
<b>Kosovo</b>	13 Mar 2020	07 May 2020	860 (27)	3.14
<b>Uzbekistan</b>	15 Mar 2020	07 May 2020	2,266 (10)	0.44
<b>Greenland</b>	16 Mar 2020	05 Apr 2020	11	
<b>Montenegro</b>	17 Mar 2020	05 May 2020	324 (8)	2.47
<b>Kyrgyzstan</b>	18 Mar 2020	07 May 2020	895 (12)	1.34
<b>Isle of Man</b>	19 Mar 2020	07 May 2020	327 (23)	7.03
<b>Tajikistan</b>	30 Apr 2020	07 May 2020	461 (12)	2.60
<b>MIDDLE EAST</b>				
<b>UAE</b>	29 Jan 2020	07 May 2020	16,240 (165)	1.02
<b>Iran</b>	19 Feb 2020	07 May 2020	103,135 (6,486)	6.29
<b>Israel</b>	21 Feb 2020	07 May 2020	16,346 (239)	1.46
<b>Lebanon</b>	21 Feb 2020	07 May 2020	784 (25)	3.19
<b>Kuwait</b>	24 Feb 2020	07 May 2020	6,567 (44)	0.67
<b>Oman</b>	24 Feb 2020	07 May 2020	2,958 (14)	0.47
<b>Bahrain</b>	24 Feb 2020	07 May 2020	3,934 (8)	0.20
<b>Iraq</b>	24 Feb 2020	07 May 2020	2,480 (102)	4.11

## AFRICA

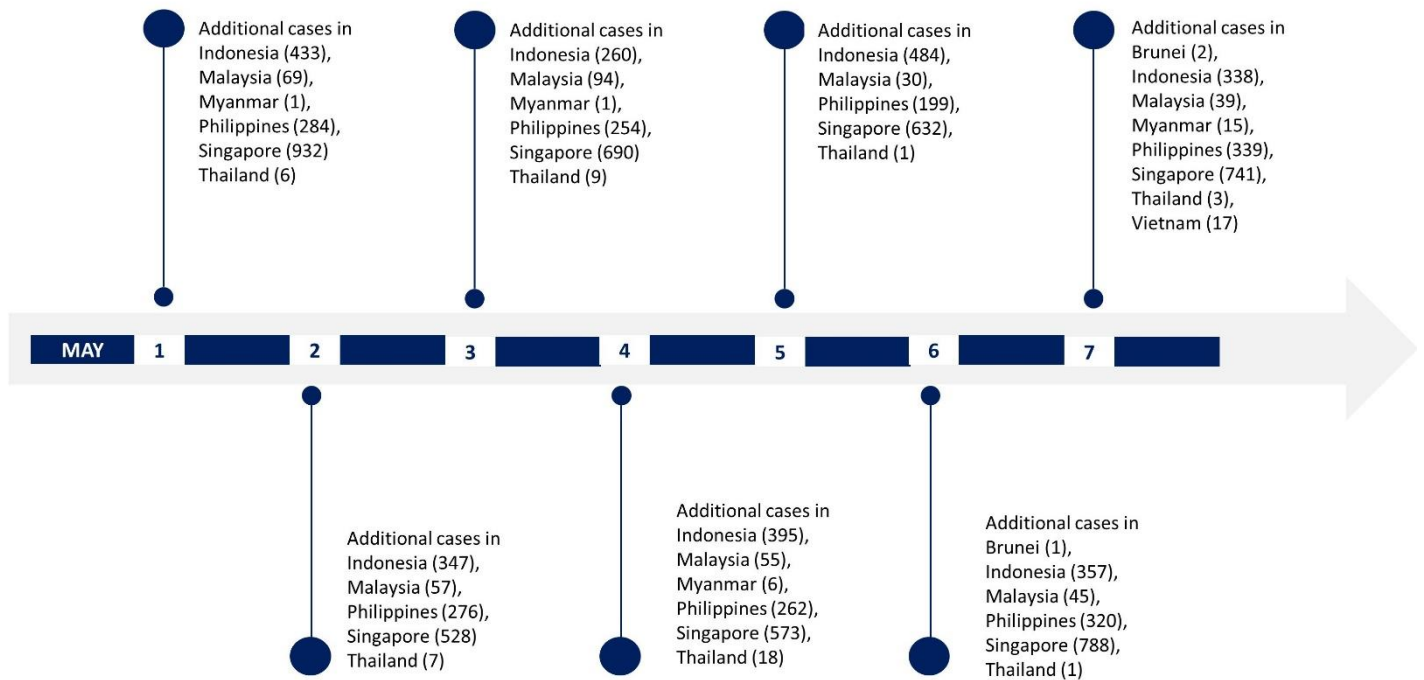
<b>Qatar</b>	29 Feb 2020	07 May 2020	18,890 (12)	0.06
<b>Saudi Arabia</b>	02 Mar 2020	07 May 2020	33,731 (219)	0.65
<b>Jordan</b>	02 Mar 2020	07 May 2020	473 (9)	1.90
<b>Palestine</b>	05 Mar 2020	07 May 2020	547 (4)	0.73
<b>Syria</b>	22 Mar 2020	06 May 2020	45 (3)	6.67
<b>Yemen</b>	10 Apr 2020	07 May 2020	25 (4)	16.00
<b>Egypt</b>	14 Feb 2020	07 May 2020	7,588 (469)	6.18
<b>Algeria</b>	25 Feb 2020	07 May 2020	5,182 (483)	9.32
<b>Nigeria</b>	28 Feb 2020	07 May 2020	3,145 (103)	3.28
<b>Tunisia</b>	02 Mar 2020	07 May 2020	1,025 (43)	4.20
<b>Morocco</b>	02 Mar 2020	07 May 2020	5,548 (183)	3.30
<b>Senegal</b>	02 Mar 2020	07 May 2020	1,492 (13)	0.87
<b>South Africa</b>	05 Mar 2020	07 May 2020	7,808 (153)	1.96
<b>Cameroon</b>	06 Mar 2020	07 May 2020	2,267 (108)	4.76
<b>Togo</b>	06 Mar 2020	06 May 2020	128 (9)	7.03
<b>Burkina Faso</b>	09 Mar 2020	07 May 2020	729 (48)	6.58
<b>Democratic Republic of Congo</b>	10 Mar 2020	07 May 2020	863 (36)	4.17
<b>Ivory Coast</b>	11 Mar 2020	07 May 2020	1,516 (18)	1.19
<b>Reunion</b>	11 Mar 2020	06 May 2020	425	
<b>Ghana</b>	13 Mar 2020	07 May 2020	3,091 (18)	0.58
<b>Guinea</b>	13 Mar 2020	07 May 2020	1,856 (11)	0.59
<b>Gabon</b>	13 Mar 2020	07 May 2020	439 (8)	1.82
<b>Sudan</b>	13 Mar 2020	07 May 2020	930 (52)	5.59
<b>Kenya</b>	13 Mar 2020	07 May 2020	607 (29)	4.78
<b>Ethiopia</b>	13 Mar 2020	07 May 2020	187 (4)	2.14
<b>Central African Republic</b>	14 Mar 2020	06 May 2020	94	
<b>Seychelles</b>	14 Mar 2020	06 Apr 2020	11	
<b>Rwanda</b>	14 Mar 2020	07 May 2020	268	
<b>Namibia</b>	14 Mar 2020	05 Apr 2020	16	
<b>Swaziland</b>	14 Mar 2020	07 May 2020	153 (2)	1.31
<b>Mauritania</b>	14 Mar 2020	29 Apr 2020	8 (1)	12.50
<b>Mayotte</b>	14 Mar 2020	06 May 2020	739 (9)	1.22
<b>Equatorial Guinea</b>	15 Mar 2020	07 May 2020	439 (4)	0.91
<b>Republic of Congo</b>	15 Mar 2020	07 May 2020	264 (10)	3.79
<b>Benin</b>	16 Mar 2020	07 May 2020	140 (2)	1.43
<b>Liberia</b>	16 Mar 2020	07 May 2020	178 (20)	11.24
<b>Tanzania</b>	16 Mar 2020	29 Apr 2020	480 (16)	3.33
<b>Somalia</b>	16 Mar 2020	07 May 2020	873 (39)	4.47
<b>Gambia</b>	17 Mar 2020	04 May 2020	17 (1)	5.88
<b>Zambia</b>	17 Mar 2020	07 May 2020	146 (4)	2.74
<b>Mauritius</b>	18 Mar 2020	02 May 2020	332 (10)	3.01
<b>Djibouti</b>	18 Mar 2020	07 May 2020	1,124 (3)	0.27
<b>Niger</b>	19 Mar 2020	07 May 2020	770 (38)	4.94
<b>Chad</b>	19 Mar 2020	06 May 2020	170 (17)	10.00
<b>Zimbabwe</b>	20 Mar 2020	07 May 2020	34 (4)**	11.76
<b>Cape Verde</b>	20 Mar 2020	07 May 2020	218 (2)	0.92
<b>Madagascar</b>	20 Mar 2020	06 May 2020	158	
<b>Uganda</b>	21 Mar 2020	07 May 2020	100	
<b>Eritrea</b>	21 Mar 2020	19 Apr 2020	39	
<b>Angola</b>	21 Mar 2020	06 May 2020	36 (2)	5.56
<b>Mozambique</b>	22 Mar 2020	06 May 2020	81	
<b>Libya</b>	24 Mar 2020	07 May 2020	64 (3)	4.69
<b>Guinea-Bissau</b>	25 Mar 2020	06 May 2020	480 (16)	3.33
<b>Mali</b>	25 Mar 2020	07 May 2020	631 (32)	5.07
<b>Botswana</b>	30 Mar 2020	29 Apr 2020	23 (1)	4.35

<b>Sierra Leone</b>	31 Mar 2020	07 May 2020	231 (16)	6.93
<b>Burundi</b>	31 Mar 2020	04 May 2020	15 (1)	6.67
<b>Malawi</b>	02 Apr 2020	07 May 2020	43 (3)	6.98
<b>South Sudan</b>	05 Apr 2020	07 May 2020	74	
<b>Sao Tome and Principe</b>	06 Apr 2020	07 May 2020	174 (3)	1.72
			<b>3,764,102</b>	
			<b>(264,287)</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.

\*\*adjusted cumulative count from last report

## Timeline of COVID-19: ASEAN *(continuation)*

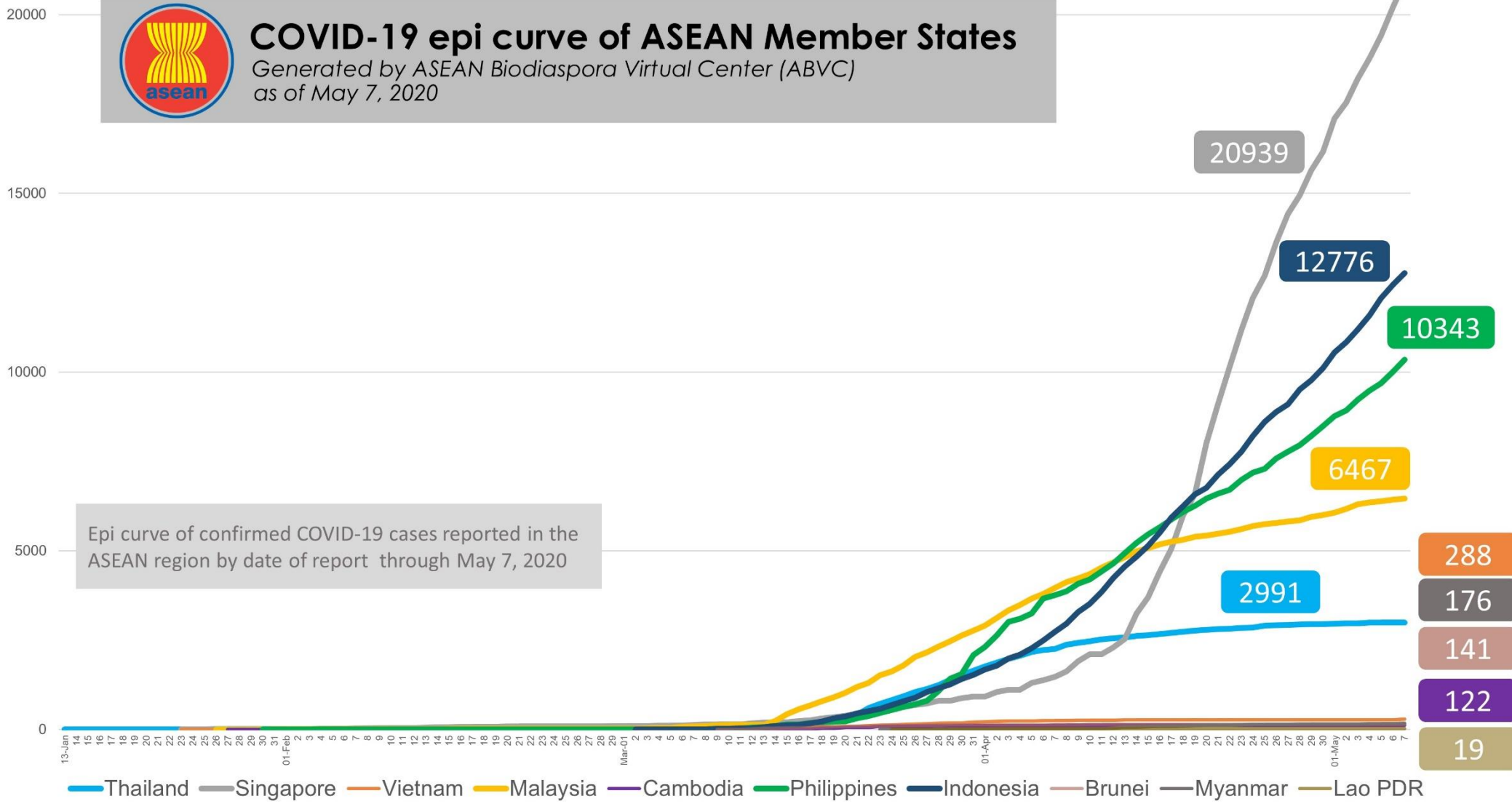






# COVID-19 epi curve of ASEAN Member States

Generated by ASEAN Biodiaspora Virtual Center (ABVC)  
as of May 7, 2020





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

