

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

ASEAN Biodiaspora Virtual Center (ABVC)

as of August 5, 2020 (2:00 PM GMT+8)



## COVID-19: Highlights and Situation Overview

- Worldwide, there have been over 18.6 million reported cases, and more than 701,000 deaths attributed to COVID-19. The World Health Organization (WHO) highlighted the anticipated lengthy duration of this COVID-19 pandemic in a meeting with its emergency committee. The WHO continues to assess the global risk level of COVID-19 to be very high and warned of the risk of “response fatigue” given the socio-economic pressures on countries. Globally, the USA leads with the highest number of newly reported cases in the past 24 hours (>58,000), followed by India (>54,000), Brazil (>7,700), Philippines (>6,300), and Spain (>5,700). As some economies and societies open up, WHO continues to urge the public to remain vigilant and take precautions to avoid getting COVID-19; while urging countries to increase testing and contact tracing to ensure no cases are missed and ensure appropriate treatment is available.
- World Health Organization (WHO) has published a scientific brief on estimating mortality from COVID-19. The brief discusses the limitations and difficulties in interpreting the case fatality ratio of COVID-19, and potential biases that could arise in ascertaining mortality. Differences in mortality between groups of people and countries are important proxy indicators of relative risk of death that guide policy decisions regarding scarce medical resource allocation during the ongoing COVID-19 pandemic. This document is intended to help countries estimate CFR and, if possible, IFR, as appropriately and accurately as possible, while accounting for possible biases in their estimation.
- WHO has published a COVID-19 Preparedness and Response Progress Report. The report highlights the progress made from 1 February to 30 June 2020 under the three objectives outlined in the Strategic Response and Preparedness Plan: scaling up international coordination and support; scaling up country preparedness and response by pillar; and accelerating research and innovation (WHO Situation Report 196)
- Brunei reported no new cases of COVID-19 for 90 consecutive days as of Tuesday (August 4) with cases remaining at 141.
- Laos reported no new cases of COVID-19 for 9 consecutive days as of Tuesday (August 4) with cases remaining at 20. The National Taskforce Committee for Covid-19 Prevention and Control of Laos said on Tuesday announced it has been monitoring 3,004 people across Laos. According to the Health Ministry, around 3,000 people have been quarantined at 52 accommodation centers across the country. The Laos government continues to implement preventive measures and carefully monitor people entering Laos. In addition, people entering Laos will be sent to quarantine centers for 14 days to prevent the spread of the virus.
- Vietnam's recent COVID-19 outbreak in the central city of Danang, which led to more than 200 cases and eight deaths, appears to have started early in July, the government said on Tuesday (August 4), amid concern the virus may have been spreading undetected earlier. The Ministry of Health has also just published the latest COVID-19 diagnostic and treatment guide. This is the 4th revision since Vietnam recorded the first case of COVID-19. Unlike previous versions, the latest regimen requires COVID-19 patients to have 3 consecutive negative tests, each at least 24 hours apart to be eligible for discharge (previous versions only required testing 2 times). According to President of the Vietnam Association of Emergency Resuscitation, testing three times will eliminate the possibilities of re-positive tested cases.

- The Philippines' Department of Health on Tuesday (August 4) reported 6,352 new COVID-19 cases, marking the biggest daily jump in cases in Southeast Asia. Out of total 112,593 confirmed cases reported in the Philippines as of August 4, 56% are male, with the most affected age group 20-29 years (24.3%) followed by 30-39 years (24.2%). 53.8% of the cases were reported from National Capital Region (NCR), followed by Central Visayas (15.7%), CALABARZON (10.84%), and Central Luzon (2.6%). Largest increase in new cases were recorded from CALABARZON.

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

- Malaysia: AirAsia is gearing up for the resumption of flights between Malaysia and Singapore, including the Kuala Lumpur-Singapore route, following the decision to implement the Reciprocal Green Lane (RGL). This would be followed by other international destinations, subject to approval from the authorities. AirAsia will begin by launching daily flights between Kuala Lumpur and Singapore, and one weekly flight each between Singapore and Penang, Kota Kinabalu, Kuching and Ipoh. These flights were scheduled for the week of August 17, subject to further announcements by the government.

#### Cases and Deaths as of 5 August 2020

- As of August 05 (2PM, GMT+8), worldwide, there were **18,563,287** confirmed cases, including **700,897** deaths. Globally, Case Fatality Ratio (CFR)\* is **3.78**.
- In **China**, there were **88,656** confirmed cases with **4,682** deaths, including deaths in Hong Kong (41) and Taiwan (7). Confirmed cases in China include confirmed cases in Hong Kong (3,670), Macau (46), and Taiwan (476).
- 294,744 confirmed cases** of COVID-19 have been reported in the ASEAN region with a total of **7,730 deaths**

REGION	COUNTRY	FIRST CONFIRMED CASE(S)	LATEST REPORT ON CONFIRMED CASE(S)	TOTAL CONFIRMED CASES	NEW CASES	TOTAL DEATHS	NEW DEATHS	CASE FATALITY RATIO
ASEAN REGION	Brunei	10 Mar 2020	06 May 20	141		3		2.13
	Cambodia	27 Jan 2020	2 Aug 20	240				
	Indonesia	02 Mar 2020	4 Aug 20	115,056	1,922	5,388	86	4.68
	Lao PDR	24 Mar 2020	23 Jul 20	20				
	Malaysia	25 Jan 2020	4 Aug 20	9,002	1	125		1.39
	Myanmar	23 Mar 2020	3 Aug 20	355		6		1.69
	Philippines	30 Jan 2020	4 Aug 20	112,593	6352	2,115	11	1.88
	Singapore	23 Jan 2020	4 Aug 20	53,346	295	27		0.05
	Thailand	13 Jan 2020	4 Aug 20	3,321	1	58		1.75
	Vietnam	23 Jan 2020	4 Aug 20	670	28	8	2	1.19
			<b>Subtotal</b>	<b>294,744</b>	<b>8,599</b>	<b>7,730</b>	<b>99</b>	

- 18,179,887 confirmed cases** of COVID-19 have been reported in **203 countries/states** (other than China, Hong Kong, Taiwan, Macau, and ASEAN countries):

<b>REGION</b>	<b>COUNTRY</b>	<b>FIRST CONFIRMED CASE(S)</b>	<b>TOTAL CONFIRMED CASES</b>	<b>TOTAL DEATHS</b>	<b>CASE FATALITY RATIO</b>
<b>ASIA PACIFIC</b>	<b>Japan</b>	16 Jan 2020	38,687	1,012	2.62
	<b>South Korea</b>	20 Jan 2020	14,423	301	2.09
	<b>Nepal</b>	24 Jan 2020	21,009	58	0.28
	<b>Australia</b>	25 Jan 2020	18,730	232	1.24
	<b>Sri Lanka</b>	27 Jan 2020	2,828	11	0.39
	<b>India</b>	30 Jan 2020	1,903,752	39,811	2.09
	<b>Afghanistan</b>	24 Feb 2020	36,747	1,288	3.51
	<b>Pakistan</b>	26 Feb 2020	280,461	5,999	2.14
	<b>New Zealand</b>	28 Feb 2020	1,567	22	1.40
	<b>Bhutan</b>	05 Mar 2020	103		
	<b>Maldives</b>	07 Mar 2020	4,293	18	0.42
	<b>Bangladesh</b>	08 Mar 2020	244,020	3,234	1.33
	<b>Mongolia</b>	10 Mar 2020	293		0.00
	<b>Turkey</b>	10 Mar 2020	233,851	5,747	2.46
	<b>French Polynesia</b>	12 Mar 2020	62		
	<b>Guam</b>	15 Mar 2020	375	5	1.33
	<b>New Caledonia</b>	17 Mar 2020	22		
	<b>Fiji</b>	18 Mar 2020	27	1	3.70
	<b>Papua New Guinea</b>	21 Mar 2020	114	2	1.75
	<b>Timor Leste</b>	21 Mar 2020	24		
<b>Northern Mariana Islands</b>	28 Mar 2020	45	2	4.44	
<b>North Korea</b>	24 Jul 2020	1			
<b>AMERICAS</b>	<b>USA</b>	21 Jan 2020	4,903,678	159,897	3.26
	<b>Canada</b>	25 Jan 2020	117,342	8,988	7.66
	<b>Brazil</b>	26 Feb 2020	2,750,318	94,665	3.44
	<b>Mexico</b>	28 Feb 2020	443,813	48,012	10.82
	<b>Saint Martin</b>	01 Mar 2020	53	3	5.66
	<b>Ecuador</b>	01 Mar 2020	87,041	5,767	6.63
	<b>Dominican Republic</b>	01 Mar 2020	74,295	1,213	1.63
	<b>Chile</b>	03 Mar 2020	361,493	9,707	2.69
	<b>Argentina</b>	03 Mar 2020	206,743	3,863	1.87
	<b>Peru</b>	05 Mar 2020	433,100	19,811	4.57
	<b>Costa Rica</b>	06 Mar 2020	19,402	171	0.88
	<b>Colombia</b>	06 Mar 2020	327,850	11,017	3.36
	<b>French Guiana</b>	06 Mar 2020	7,948	44	0.55
	<b>Martinique</b>	06 Mar 2020	269	15	5.58

<b>Paraguay</b>	07 Mar 2020	5,724	55	0.96
<b>Panama</b>	10 Mar 2020	68,456	1,497	2.19
<b>Bolivia</b>	10 Mar 2020	81,846	3,228	3.94
<b>Honduras</b>	11 Mar 2020	43,794	1,384	3.16
<b>Cuba</b>	11 Mar 2020	2,701	88	3.26
<b>Guyana</b>	11 Mar 2020	474	21	4.43
<b>Jamaica</b>	12 Mar 2020	905	12	1.33
<b>St Vincent and the Grenadines</b>	12 Mar 2020	55		
<b>Saint Lucia</b>	13 Mar 2020	25		
<b>Trinidad and Tobago</b>	13 Mar 2020	192	8	4.17
<b>Venezuela</b>	13 Mar 2020	20,754	180	0.87
<b>Guatemala</b>	13 Mar 2020	51,542	2,013	3.91
<b>Uruguay</b>	13 Mar 2020	1,291	36	2.79
<b>Curacao</b>	13 Mar 2020	29	1	3.45
<b>Puerto Rico</b>	13 Mar 2020	19,324	237	1.23
<b>Suriname</b>	13 Mar 2020	1,893	27	1.43
<b>Antigua and Barbuda</b>	13 Mar 2020	92	3	3.26
<b>Guadeloupe</b>	13 Mar 2020	272	14	5.15
<b>Cayman Islands</b>	13 Mar 2020	203	1	0.49
<b>Aruba</b>	14 Mar 2020	124	3	2.42
<b>Bahamas</b>	15 Mar 2020	679	14	2.06
<b>US Virgin Islands</b>	16 Mar 2020	463	8	1.73
<b>Sint Maarten</b>	17 Mar 2020	150	16	10.67
<b>Montserrat</b>	17 Mar 2020	13	1	7.69
<b>Barbados</b>	17 Mar 2020	132	7	5.30
<b>El Salvador</b>	18 Mar 2020	17,843	486	2.72
<b>Nicaragua</b>	18 Mar 2020	3,672	116	3.16
<b>Bermuda</b>	18 Mar 2020	157	9	5.73
<b>Haiti</b>	19 Mar 2020	7,511	166	2.21
<b>Dominica</b>	22 Mar 2020	18		
<b>Grenada</b>	22 Mar 2020	24		
<b>Belize</b>	23 Mar 2020	57	2	3.51
<b>Turks and Caicos Islands</b>	23 Mar 2020	116	2	1.72
<b>Saint Kitts and Nevis</b>	24 Mar 2020	17		
<b>British Virgin Islands</b>	25 Mar 2020	8	1	12.50
<b>Anguilla</b>	26 Mar 2020	3		
<b>Caribbean Netherlands</b>	01 Apr 2020	13		
<b>Falkland Islands</b>	03 Apr 2020	13		

	<b>Saint Pierre and Miquelon</b>	05 Apr 2020	4		
<b>EUROPE</b>	<b>France</b>	24 Jan 2020	192,334	30,296	15.75
	<b>Germany</b>	27 Jan 2020	212,331	9,261	4.36
	<b>Finland</b>	29 Jan 2020	7,483	331	4.42
	<b>Italy</b>	30 Jan 2020	248,419	35,171	14.16
	<b>Russian Federation</b>	31 Jan 2020	861,423	14,351	1.67
	<b>Spain</b>	31 Jan 2020	302,814	28,498	9.41
	<b>Sweden</b>	31 Jan 2020	81,181	5,747	7.08
	<b>United Kingdom of Great Britain</b>	31 Jan 2020	306,293	46,299	15.12
	<b>Belgium</b>	05 Feb 2020	70,314	9,850	14.01
	<b>Switzerland</b>	25 Feb 2020	35,746	1,981	5.54
	<b>Austria</b>	25 Feb 2020	21,481	719	3.35
	<b>Croatia</b>	25 Feb 2020	5,318	154	2.90
	<b>Norway</b>	26 Feb 2020	9,348	256	2.74
	<b>Romania</b>	26 Feb 2020	55,241	2,480	4.49
	<b>Estonia</b>	26 Feb 2020	2,091	63	3.01
	<b>Georgia</b>	26 Feb 2020	1,182	17	1.44
	<b>North Macedonia</b>	26 Feb 2020	11,202	505	4.51
	<b>Greece</b>	26 Feb 2020	4,737	209	4.41
	<b>Denmark</b>	27 Feb 2020	14,073	616	4.38
	<b>San Marino</b>	27 Feb 2020	699	42	6.01
	<b>Lithuania</b>	27 Feb 2020	2,137	80	3.74
	<b>Netherlands</b>	27 Feb 2020	55,955	6,150	10.99
	<b>Azerbaijan</b>	27 Feb 2020	32,910	473	1.44
	<b>Belarus</b>	28 Feb 2020	68,250	574	0.84
	<b>Iceland</b>	28 Feb 2020	1,918	10	0.52
	<b>Ireland</b>	28 Feb 2020	26,253	1,763	6.72
	<b>Monaco</b>	29 Feb 2020	121	4	3.31
	<b>Czech Republic</b>	01 Mar 2020	17,008	386	2.27
	<b>Luxembourg</b>	01 Mar 2020	6,864	118	1.72
	<b>Armenia</b>	01 Mar 2020	39,298	768	1.95
	<b>Latvia</b>	02 Mar 2020	1,249	32	2.56
	<b>Portugal</b>	02 Mar 2020	51,681	1,739	3.36
	<b>Andorra</b>	02 Mar 2020	937	52	5.55
	<b>Liechtenstein</b>	03 Mar 2020	89	1	1.12
<b>Ukraine</b>	03 Mar 2020	74,219	1,764	2.38	
<b>Slovenia</b>	04 Mar 2020	2,190	123	5.62	
<b>Hungary</b>	04 Mar 2020	4,553	598	13.13	
<b>Poland</b>	04 Mar 2020	48,149	1,738	3.61	
<b>Faroe Islands</b>	04 Mar 2020	225			

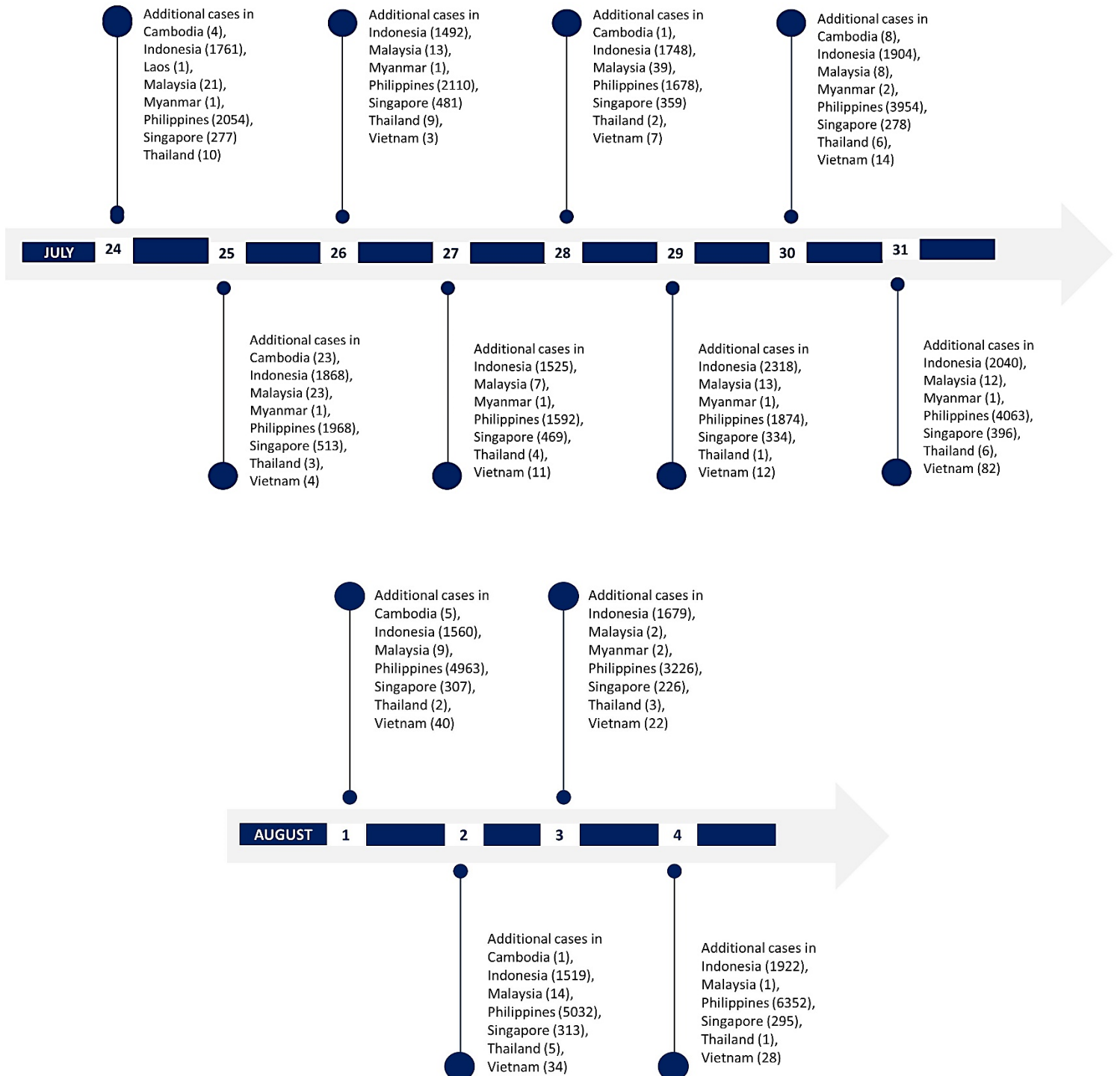
	<b>Bosnia and Herzegovina</b>	05 Mar 2020	12,856	373	2.90
	<b>Gibraltar</b>	05 Mar 2020	189		
	<b>Slovakia</b>	06 Mar 2020	2,368	29	1.22
	<b>Serbia</b>	06 Mar 2020	26,738	605	2.26
	<b>Vatican City</b>	06 Mar 2020	12		
	<b>Malta</b>	07 Mar 2020	890	9	1.01
	<b>Moldova</b>	07 Mar 2020	25,814	810	3.14
	<b>Bulgaria</b>	08 Mar 2020	12,159	404	3.32
	<b>Albania</b>	09 Mar 2020	5,620	172	3.06
	<b>Cyprus</b>	09 Mar 2020	1,155	19	1.65
	<b>Channel Islands</b>	09 Mar 2020	591	47	7.95
	<b>Jersey</b>	10 Mar 2020	339	31	9.14
	<b>Kazakhstan</b>	13 Mar 2020	93,820	1,058	1.13
	<b>Kosovo</b>	13 Mar 2020	9,049	256	2.83
	<b>Uzbekistan</b>	15 Mar 2020	26,804	163	0.61
	<b>Greenland</b>	16 Mar 2020	14		
	<b>Montenegro</b>	17 Mar 2020	3,301	52	1.58
	<b>Kyrgyzstan</b>	18 Mar 2020	37,541	1,427	3.80
	<b>Isle of Man</b>	19 Mar 2020	336	24	7.14
	<b>Tajikistan</b>	30 Apr 2020	7,583	61	0.80
<b>MIDDLE EAST</b>	<b>UAE</b>	29 Jan 2020	61,352	351	0.57
	<b>Iran</b>	19 Feb 2020	314,786	17,617	5.60
	<b>Israel</b>	21 Feb 2020	75,083	554	0.74
	<b>Lebanon</b>	21 Feb 2020	5,062	65	1.28
	<b>Kuwait</b>	24 Feb 2020	68,774	465	0.68
	<b>Oman</b>	24 Feb 2020	79,159	421	0.53
	<b>Bahrain</b>	24 Feb 2020	41,835	150	0.36
	<b>Iraq</b>	24 Feb 2020	134,722	5,017	3.72
	<b>Qatar</b>	29 Feb 2020	111,538	177	0.16
	<b>Saudi Arabia</b>	02 Mar 2020	281,456	2,984	1.06
	<b>Jordan</b>	02 Mar 2020	1,218	11	0.90
	<b>Palestine</b>	05 Mar 2020	16,628	87	0.52
	<b>Syria</b>	22 Mar 2020	892	46	5.16
	<b>Yemen</b>	10 Apr 2020	1,760	506	28.75
<b>AFRICA</b>	<b>Egypt</b>	14 Feb 2020	94,640	4,888	5.16
	<b>Algeria</b>	25 Feb 2020	32,504	1,248	3.84
	<b>Nigeria</b>	28 Feb 2020	44,129	896	2.03
	<b>Tunisia</b>	02 Mar 2020	1,565	51	3.26
	<b>Morocco</b>	02 Mar 2020	27,217	417	1.53
	<b>Senegal</b>	02 Mar 2020	10,432	214	2.05
	<b>South Africa</b>	05 Mar 2020	516,862	8,539	1.65
	<b>Cameroon</b>	06 Mar 2020	17,255	391	2.27
	<b>Togo</b>	06 Mar 2020	976	19	1.95
	<b>Burkina Faso</b>	09 Mar 2020	1,153	53	4.60
	<b>Democratic Republic of Congo</b>	10 Mar 2020	9,178	215	2.34
	<b>Ivory Coast</b>	11 Mar 2020	16,220	102	0.63
	<b>Reunion</b>	11 Mar 2020	667	4	0.60
	<b>Ghana</b>	13 Mar 2020	37,812	191	0.51

<b>Guinea</b>	13 Mar 2020	7,364	46	0.62
<b>Gabon</b>	13 Mar 2020	7,646	51	0.67
<b>Sudan</b>	13 Mar 2020	11,780	763	6.48
<b>Kenya</b>	13 Mar 2020	23,202	388	1.67
<b>Ethiopia</b>	13 Mar 2020	19,877	343	1.73
<b>Central African Republic</b>	14 Mar 2020	4,614	59	1.28
<b>Seychelles</b>	14 Mar 2020	114		0.00
<b>Rwanda</b>	14 Mar 2020	2,092	5	0.24
<b>Namibia</b>	14 Mar 2020	2,470	12	0.49
<b>Swaziland</b>	14 Mar 2020	2,838	45	1.59
<b>Mauritania</b>	14 Mar 2020	6,382	157	2.46
<b>Mayotte</b>	14 Mar 2020	3,008	39	1.30
<b>Equatorial Guinea</b>	15 Mar 2020	4,821	83	1.72
<b>Republic of Congo</b>	15 Mar 2020	3,546	58	1.64
<b>Benin</b>	16 Mar 2020	1,805	36	1.99
<b>Liberia</b>	16 Mar 2020	1,216	78	6.41
<b>Tanzania</b>	16 Mar 2020	509	21	4.13
<b>Somalia</b>	16 Mar 2020	3,220	93	2.89
<b>Gambia</b>	17 Mar 2020	498	9	1.81
<b>Zambia</b>	17 Mar 2020	6,793	173	2.55
<b>Mauritius</b>	18 Mar 2020	344	10	2.91
<b>Djibouti</b>	18 Mar 2020	5,248	59	1.12
<b>Niger</b>	19 Mar 2020	1,152	69	5.99
<b>Chad</b>	19 Mar 2020	936	75	8.01
<b>Zimbabwe</b>	20 Mar 2020	4,075	80	1.96
<b>Cape Verde</b>	20 Mar 2020	2,583	25	0.97
<b>Madagascar</b>	20 Mar 2020	11,895	123	1.03
<b>Uganda</b>	21 Mar 2020	1,203	5	0.42
<b>Eritrea</b>	21 Mar 2020	282		
<b>Angola</b>	21 Mar 2020	1,280	58	4.53
<b>Mozambique</b>	22 Mar 2020	2,029	15	0.74
<b>Libya</b>	24 Mar 2020	4,063	93	2.29
<b>Guinea-Bissau</b>	25 Mar 2020	1,981	27	1.36
<b>Mali</b>	25 Mar 2020	2,543	124	4.88
<b>Botswana</b>	30 Mar 2020	804	2	0.25
<b>Sierra Leone</b>	31 Mar 2020	1,848	67	3.63
<b>Burundi</b>	31 Mar 2020	395	1	0.25
<b>Malawi</b>	02 Apr 2020	4,272	123	2.88
<b>South Sudan</b>	05 Apr 2020	2,429	46	1.89
<b>Sao Tome and Principe</b>	06 Apr 2020	874	15	1.72
<b>Lesotho</b>	13May 2020	718	19	2.65
		<b>18,179,887</b>	<b>688,485</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



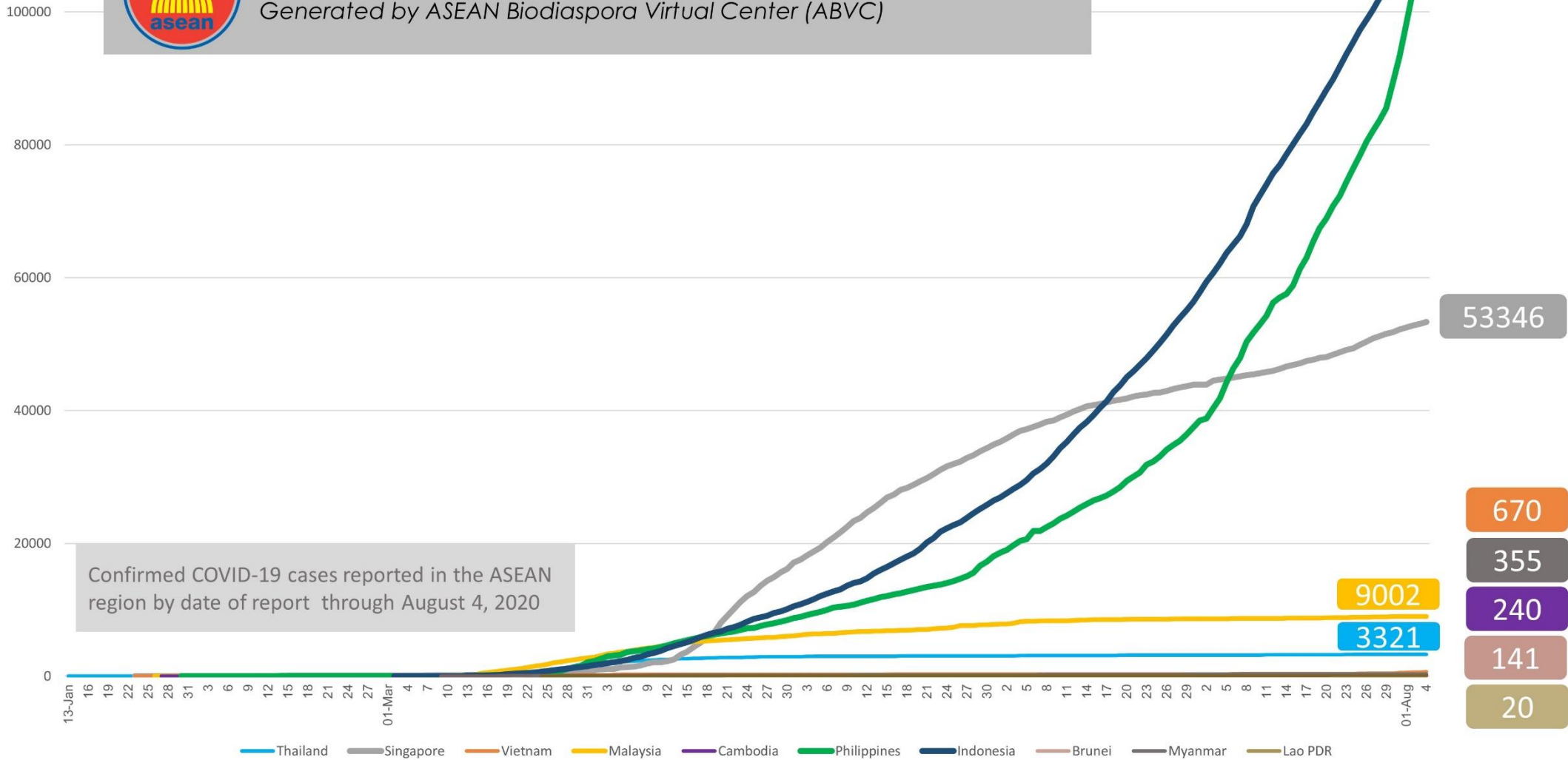
## Timeline of COVID-19: ASEAN *(continuation)*





# COVID-19 epi curve in ASEAN Member States

Generated by ASEAN Biodiaspora Virtual Center (ABVC)





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