

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

ASEAN Biodiaspora Virtual Center (ABVC)

as of October 21, 2020 (2:00 PM GMT+8)



## COVID-19: Highlights and Situation Overview

- Worldwide, there have been over 40.8 million cases and more than 1.12 million deaths attributed to COVID-19.
- In Brunei, the seven-day rolling average has remained at roughly zero since mid-May, with sporadic cases reported in August and September. There were no new cases reported between September 25 and October 15. According to the most recent situation report by the WHO, there is only one active, but asymptomatic case in the nation which is currently in isolation. Brunei remains in Stage 1 of its national transmission assessment, with only imported cases and no evidence of local transmission in the country. All incoming travellers are placed in government-maintained quarantine and isolation facilities upon arrival as part of the routine quarantine protocol for travellers. As a result of these efforts, the risk of wider community transmission remains low. In addition, all foreigners entering through land borders must be tested within seven days of entry. Health officials are also carrying out random testing of drivers and passengers of commercial vehicles and transport operators who enter via land borders. As of October 4, there were 60,022 tests conducted since January, which equates to approximately 13% of the population, with a positivity rate of 0.24%.
- Singapore will pilot pre-event testing from mid-October to December to identify a model that can be widely implemented so that more large-scale events can safely resume according to the Minister for Health on Tuesday (October 20). This means that participants going to an event or activity will be tested either at the event venue or at a separate testing facility, and only participants who have tested negative will be allowed to participate in the event. Antigen rapid tests (ARTs) will be used for the pre-event testing, which can return “fairly accurate” results within about half an hour. The ART results will be valid for 24 hours from the time of the swab, and it must be valid at the point of entry until the end of the event. Singapore may enter Phase 3 before the end of the year, said Minister for Education and co-chairman of COVID-19 task force.
- The Indonesian government has secured deals to procure approximately 300 million doses of COVID-19 candidate vaccines from various developers, including China's Sinovac Biotech Ltd. and China National Pharmaceutical Group (Sinopharm) as well as United Kingdom-based AstraZeneca. Indonesia needs 340 million doses of vaccine within a year to vaccinate around 60 percent of the population. The coordinator and spokesperson of the national COVID-19 task force, Wiku Adisasmito, said the vaccine would be available once all the clinical trials showed that it was safe and effective. However, Wiku said COVID-19 vaccines were not the only reassurance for the country to end the pandemic, explaining that vaccines only served as a form of medical intervention to boost people's immunity during the pandemic. While waiting for the COVID-19 vaccine, Wiku urged the public to comply with the “3M” health protocol of mask-wearing, handwashing and physical distancing.
- A spike in COVID-19 cases in several provinces in the Philippines including Southern Tagalog, Northern Luzon and Mindanao has prompted the national task force send teams to these areas to help local officials contain the spread of the disease. Secretary Galvez Jr., chief implementer of the National Task Force (NTF) on COVID-19, said Ilagan City in Isabela province and Baguio City, and several provinces in Mindanao, including Bukidnon, had reported a rise of coronavirus infections. Despite the increase in COVID-19 cases in several provinces, the NTF believes that the overall trend in the country would continue

to go down in the coming months as infections, in general, have been observed to be decreasing

### Travel Advisories (new update/s)

- Indonesia: Soekarno-Hatta International Airport is providing special lanes for passengers traveling between Indonesia and Singapore as the two countries agreed to establish a travel corridor to facilitate urgent diplomatic missions and essential business trips. The travel arrangement, called the Reciprocal Green Lane (RGL), will come into effect on October 26. Travelers using the special lanes will have to go through thermal scanners at terminals prior to stopping at a check-in counter, where they are required to show a negative polymerase chain reaction (PCR) test result that is valid for 72 hours. They must then verify their health through the electronic health alert card (e-HAC) application before they are allowed to board the plane. The city of Batam in the Riau Islands will be reopening travel to and from Singapore starting October 26. The acting Riau Islands governor has instructed authorities in the province to strictly uphold COVID-19 health protocols. The resumption of travel to Singapore would spur on the city's economy, he said, but everyone needed to stay alert to avoid more virus transmission.

### Cases and Deaths as of 21 October 2020

- As of October 21 (2PM, GMT+8), worldwide, there were **40,972,110** confirmed cases, including **1,128,454** deaths. Globally, Case Fatality Rate (CFR) is **2.758**.
- In **China**, there were **91,601** confirmed cases with **4,746** deaths, including deaths in Hong Kong (105) and Taiwan (7). Confirmed cases in China include confirmed cases in Hong Kong (5,262), Macau (92), and Taiwan (543).
- 853,561 confirmed cases** of COVID-19 have been reported in the ASEAN region with a total of **20,687 deaths**.

REGION	COUNTRY	FIRST CONFIRMED CASE(S)	LATEST REPORT ON CONFIRMED CASE(S)	TOTAL CONFIRMED CASES	NEW CASES	TOTAL DEATHS	NEW DEATHS	CASE FATALITY RATE	REPORTED CASES/100,000	REPORTED TESTS/100,000	RT MEAN **
ASEAN REGION	Brunei	10 Mar 20	15-Oct-20	147	-	3	-	2.04	33.9	NA	NA
	Cambodia	27 Jan 20	20-Oct-20	285	2	-	-		1.7	NA	NA
	Indonesia	02 Mar 20	20-Oct-20	368,842	3,602	12,734	117	3.45	136.3	944.4	1.0
	Lao PDR	24 Mar 20	11-Sep-20	23	-	-	-		0.3	NA	NA
	Malaysia	25 Jan 20	20-Oct-20	22,225	862	193	3	0.87	69.6	5826.6	1.3
	Myanmar	23 Mar 20	20-Oct-20	38,502	1,297	945	31	2.45	71.2	584	0.9
	Philippines	30 Jan 20	20-Oct-20	360,775	1,640	6,690	15	1.85	333.7	3780	0.9
	Singapore	23 Jan 20	20-Oct-20	57,921	6	28	-	0.05	1015.5	59590.7	0.8
	Thailand	13 Jan 20	20-Oct-20	3,700	9	59	-	1.59	5.3	1562.1	1.3
	Vietnam	23 Jan 20	20-Oct-20	1,141	1	35	-	3.07	1.2	1295.3	NA
				<b>853,561</b>	<b>7,419</b>	<b>20,687</b>	<b>166</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

- 40,026,948 confirmed cases** of COVID-19 have been reported in **207 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 RATIO
ASIA PACIFIC	Japan	16 Jan 2020	20-Oct-20	93,480	353	1,676	2	1.79
	South Korea	20 Jan 2020	20-Oct-20	25,333	58	447	3	1.76
	Nepal	24 Jan 2020	20-Oct-20	139,129	3,093	765	8	0.55
	Australia	25 Jan 2020	20-Oct-20	27,430	31	905	-	3.30
	Sri Lanka	27 Jan 2020	20-Oct-20	5,685	60	13	-	0.23
	India	30 Jan 2020	20-Oct-20	7,648,298	54,014	115,939	704	1.52
	Afghanistan	24 Feb 2020	20-Oct-20	40,357	70	1,499	2	3.71
	Pakistan	26 Feb 2020	20-Oct-20	324,077	625	6,673	14	2.06
	New Zealand	28 Feb 2020	20-Oct-20	1,887	1	25	-	1.32
	Bhutan	05 Mar 2020	20-Oct-20	330	3	-	-	
	Maldives	07 Mar 2020	19-Oct-20	11,232	-	37	-	0.33
	Bangladesh	08 Mar 2020	20-Oct-20	391,586	1,380	5,699	18	1.46
	Mongolia	10 Mar 2020	20-Oct-20	326	2	-	-	
	Turkey	10 Mar 2020	20-Oct-20	351,413	1,894	9,445	149	2.69
	French Polynesia	12 Mar 2020	19-Oct-20	4,548	-	16	-	0.35
	Guam	15 Mar 2020	19-Oct-20	3,756	-	66	-	1.76
	New Caledonia	17 Mar 2020	26-Sep-20	27	-	-	-	
	Fiji	18 Mar 2020	09-Sep-20	32	-	2	-	6.25
	Papua New Guinea	21 Mar 2020	17-Oct-20	581	-	7	-	1.20
	Timor Leste	21 Mar 2020	12-Oct-20	29	-	-	-	
Northern Mariana Islands	28 Mar 2020	18-Oct-20	86	-	2	-	2.33	
North Korea	24 Jul 2020	24-Jul-20	1	-	-	-		
Solomon Islands	03 Oct 2020	15-Oct-20	3	-	-	-		
Wallis et Futuna	17 Oct 2020	17-Oct-20	1	-	-	-		
AMERICAS	USA	21 Jan 2020	20-Oct-20	8,497,547	54,048	225,866	823	2.66
	Canada	25 Jan 2020	20-Oct-20	203,198	3,159	9,792	20	4.82
	Brazil	26 Feb 2020	20-Oct-20	5,251,127	400	154,226	244	2.94
	Mexico	28 Feb 2020	19-Oct-20	855,923	-	86,338	171	10.09
	Saint Martin	01 Mar 2020	16-Oct-20	531	-	8	-	1.51
	Ecuador	01 Mar 2020	20-Oct-20	154,115	692	12,404	9	8.05
	Dominican Republic	01 Mar 2020	20-Oct-20	121,973	306	2,204	1	1.81
	Chile	03 Mar 2020	20-Oct-20	494,478	1,173	13,702	26	2.77
	Argentina	03 Mar 2020	20-Oct-20	1,002,662	12,982	26,716	449	2.66
	Peru	05 Mar 2020	20-Oct-20	870,876	2,201	33,820	61	3.88
	Costa Rica	06 Mar 2020	19-Oct-20	97,075	-	1,204	-	1.24
	Colombia	06 Mar 2020	19-Oct-20	965,883	-	29,102	-	3.01

<b>French Guiana</b>	06 Mar 2020	19-Oct-20	10,268	-	69	-	0.67
<b>Martinique</b>	06 Mar 2020	14-Oct-20	2,257	-	24	-	1.06
<b>Paraguay</b>	07 Mar 2020	19-Oct-20	55,452	-	1,207	-	2.18
<b>Panama</b>	10 Mar 2020	20-Oct-20	125,181	436	2,574	10	2.06
<b>Bolivia</b>	10 Mar 2020	20-Oct-20	139,890	119	8,502	21	6.08
<b>Honduras</b>	11 Mar 2020	20-Oct-20	89,381	956	2,576	8	2.88
<b>Cuba</b>	11 Mar 2020	20-Oct-20	6,305	47	127	-	2.01
<b>Guyana</b>	11 Mar 2020	19-Oct-20	3,765	-	111	-	2.95
<b>Jamaica</b>	12 Mar 2020	20-Oct-20	8,374	53	174	1	2.08
<b>St Vincent and the Grenadines</b>	12 Mar 2020	17-Oct-20	67	-	-	-	
<b>Saint Lucia</b>	13 Mar 2020	19-Oct-20	36	-	-	-	
<b>Trinidad and Tobago</b>	13 Mar 2020	19-Oct-20	5,298	-	97	-	1.83
<b>Venezuela</b>	13 Mar 2020	20-Oct-20	87,161	525	741	10	0.85
<b>Guatemala</b>	13 Mar 2020	20-Oct-20	102,219	620	3,546	5	3.47
<b>Uruguay</b>	13 Mar 2020	20-Oct-20	2,560	29	51	-	1.99
<b>Curacao</b>	13 Mar 2020	19-Oct-20	751	-	1	-	0.13
<b>Puerto Rico</b>	13 Mar 2020	20-Oct-20	57,950	657	768	2	1.33
<b>Suriname</b>	13 Mar 2020	20-Oct-20	5,133	3	109	-	2.12
<b>Antigua and Barbuda</b>	13 Mar 2020	18-Oct-20	119	-	3	-	2.52
<b>Guadeloupe</b>	13 Mar 2020	16-Oct-20	7,122	-	96	-	1.35
<b>Cayman Islands</b>	13 Mar 2020	20-Oct-20	235	2	1	-	0.43
<b>Aruba</b>	14 Mar 2020	19-Oct-20	4,334	-	34	-	0.78
<b>Bahamas</b>	15 Mar 2020	19-Oct-20	5,773	-	123	-	2.13
<b>US Virgin Islands</b>	16 Mar 2020	18-Oct-20	1,335	-	21	-	1.57
<b>Sint Maarten</b>	17 Mar 2020	20-Oct-20	756	3	22	-	2.91
<b>Montserrat</b>	17 Mar 2020	03-Aug-20	13	-	1	-	7.69
<b>Barbados</b>	17 Mar 2020	19-Oct-20	222	-	7	-	3.15
<b>El Salvador</b>	18 Mar 2020	20-Oct-20	31,975	309	929	3	2.91
<b>Nicaragua</b>	18 Mar 2020	13-Oct-20	5,353	-	154	-	2.88
<b>Bermuda</b>	18 Mar 2020	14-Oct-20	185	-	9	-	4.86
<b>Haiti</b>	19 Mar 2020	19-Oct-20	8,976	-	231	-	2.57
<b>Dominica</b>	22 Mar 2020	15-Oct-20	33	-	-	-	
<b>Grenada</b>	22 Mar 2020	17-Oct-20	27	-	-	-	
<b>Belize</b>	23 Mar 2020	20-Oct-20	2,833	20	45	1	1.59
<b>Turks and Caicos Islands</b>	23 Mar 2020	18-Oct-20	698	-	6	-	0.86
<b>Saint Kitts and Nevis</b>	24 Mar 2020	20-Sep-20	19	-	-	-	
<b>British Virgin Islands</b>	25 Mar 2020	24-Sep-20	71	-	1	-	1.41
<b>Anguilla</b>	26 Mar 2020	03-Apr-20	3	-	-	-	
<b>Caribbean Netherlands</b>	01 Apr 2020	17-Oct-20	150	-	3	-	2.00

	<b>Falkland Islands</b>	03 Apr 2020	25-Apr-20	13	-	-	-	
	<b>Saint Pierre and Miquelon</b>	05 Apr 2020	24-Sep-20	16	-	-	-	
	<b>Saint Barthelemy</b>	25 Jul 2020	17-Oct-20	72	-	-	-	
<b>EUROPE</b>	<b>France</b>	24 Jan 2020	20-Oct-20	930,745	20,468	33,885	262	3.64
	<b>Germany</b>	27 Jan 2020	20-Oct-20	376,748	3,387	9,922	26	2.63
	<b>Finland</b>	29 Jan 2020	20-Oct-20	13,849	294	351	-	2.53
	<b>Italy</b>	30 Jan 2020	20-Oct-20	434,449	10,871	36,705	89	8.45
	<b>Russian Federation</b>	31 Jan 2020	20-Oct-20	1,431,635	16,319	24,635	269	1.72
	<b>Spain</b>	31 Jan 2020	20-Oct-20	988,372	13,923	34,210	218	3.46
	<b>Sweden</b>	31 Jan 2020	19-Oct-20	106,380	-	5,922	-	5.57
	<b>United Kingdom of Great Britain</b>	31 Jan 2020	20-Oct-20	762,542	21,330	43,967	241	5.77
	<b>Belgium</b>	05 Feb 2020	20-Oct-20	230,480	8,227	10,443	30	4.53
	<b>Switzerland</b>	25 Feb 2020	20-Oct-20	86,167	3,008	2,145	7	2.49
	<b>Austria</b>	25 Feb 2020	20-Oct-20	67,451	1,524	914	10	1.36
	<b>Croatia</b>	25 Feb 2020	20-Oct-20	26,863	890	382	8	1.42
	<b>Norway</b>	26 Feb 2020	19-Oct-20	16,603	-	278	-	1.67
	<b>Romania</b>	26 Feb 2020	20-Oct-20	186,254	3,400	5,996	65	3.22
	<b>Estonia</b>	26 Feb 2020	20-Oct-20	4,127	42	71	3	1.72
	<b>Georgia</b>	26 Feb 2020	20-Oct-20	19,857	1,194	158	15	0.80
	<b>North Macedonia</b>	26 Feb 2020	20-Oct-20	24,196	408	850	4	3.51
	<b>Greece</b>	26 Feb 2020	20-Oct-20	26,469	667	528	8	1.99
	<b>Denmark</b>	27 Feb 2020	20-Oct-20	36,373	529	688	2	1.89
	<b>San Marino</b>	27 Feb 2020	19-Oct-20	766	-	42	-	5.48
	<b>Lithuania</b>	27 Feb 2020	20-Oct-20	7,928	202	118	5	1.49
	<b>Netherlands</b>	27 Feb 2020	20-Oct-20	244,391	8,165	6,814	46	2.79
	<b>Azerbaijan</b>	27 Feb 2020	20-Oct-20	45,879	584	635	5	1.38
	<b>Belarus</b>	28 Feb 2020	20-Oct-20	88,909	619	937	4	1.05
	<b>Iceland</b>	28 Feb 2020	20-Oct-20	4,193	92	11	-	0.26
	<b>Ireland</b>	28 Feb 2020	20-Oct-20	52,256	1,263	1,865	13	3.57
	<b>Monaco</b>	29 Feb 2020	20-Oct-20	271	3	2	-	0.74
	<b>Czech Republic</b>	01 Mar 2020	20-Oct-20	181,962	3,988	1,513	12	0.83
	<b>Luxembourg</b>	01 Mar 2020	20-Oct-20	11,241	231	136	1	1.21
	<b>Armenia</b>	01 Mar 2020	20-Oct-20	66,694	1,234	1,101	10	1.65
	<b>Latvia</b>	02 Mar 2020	20-Oct-20	3,609	115	47	3	1.30
	<b>Portugal</b>	02 Mar 2020	20-Oct-20	103,736	1,876	2,213	15	2.13
<b>Andorra</b>	02 Mar 2020	19-Oct-20	3,623	-	62	-	1.71	
<b>Liechtenstein</b>	03 Mar 2020	20-Oct-20	235	11	1	-	0.43	
<b>Ukraine</b>	03 Mar 2020	20-Oct-20	309,107	5,469	5,786	113	1.87	
<b>Slovenia</b>	04 Mar 2020	20-Oct-20	14,473	794	192	2	1.33	
<b>Hungary</b>	04 Mar 2020	20-Oct-20	48,811	1,043	1,211	38	2.48	

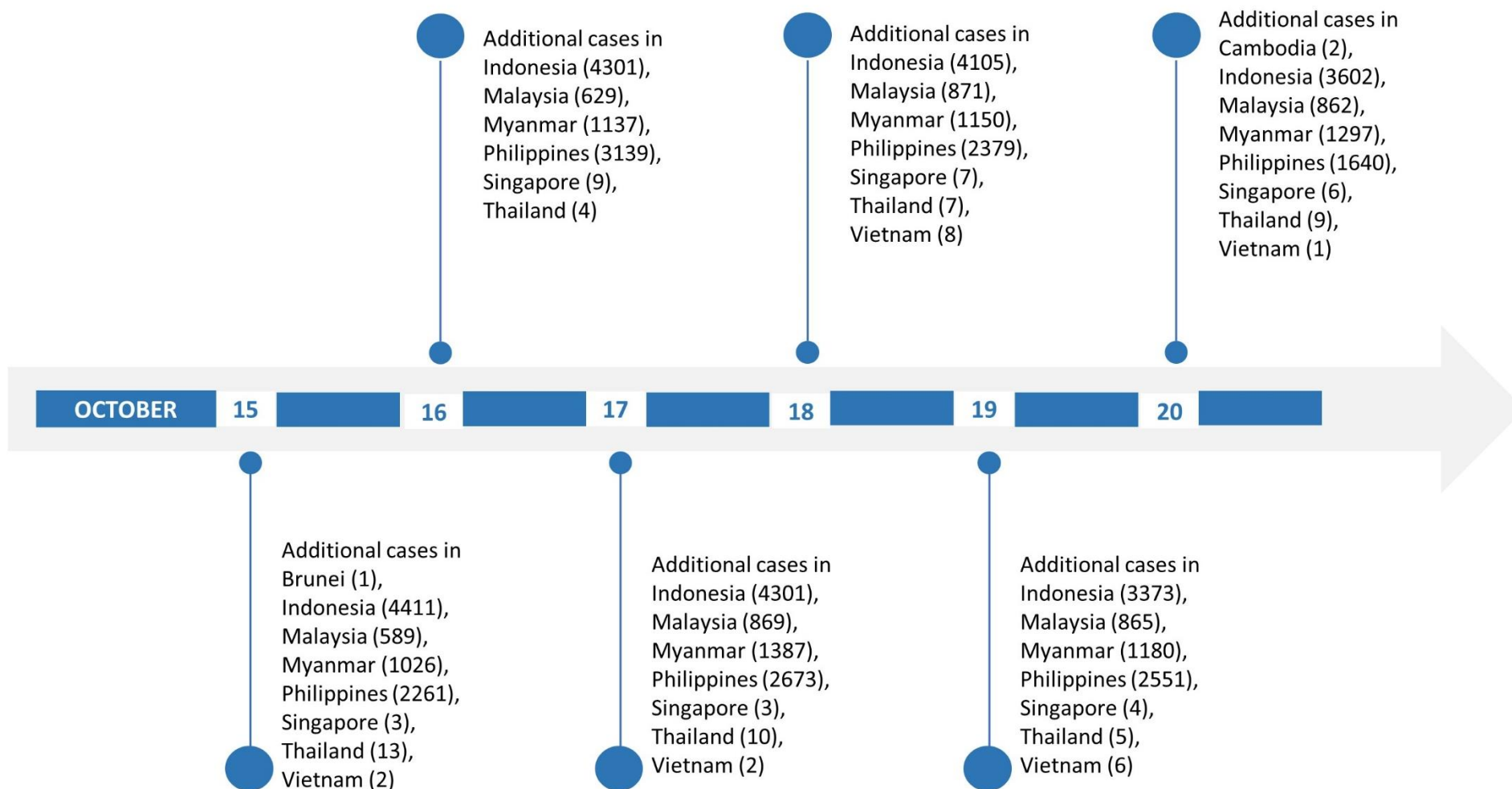
	<b>Poland</b>	04 Mar 2020	20-Oct-20	192,539	9,291	3,721	107	1.93
	<b>Faroe Islands</b>	04 Mar 2020	20-Oct-20	488	3	-	-	
	<b>Bosnia and Herzegovina</b>	05 Mar 2020	20-Oct-20	35,389	728	1,017	20	2.87
	<b>Gibraltar</b>	05 Mar 2020	19-Oct-20	577	-	-	-	0.00
	<b>Slovakia</b>	06 Mar 2020	20-Oct-20	31,400	705	98	6	0.31
	<b>Serbia</b>	06 Mar 2020	20-Oct-20	36,608	326	780	2	2.13
	<b>Vatican City</b>	06 Mar 2020	17-Oct-20	27	-	-	-	
	<b>Malta</b>	07 Mar 2020	20-Oct-20	4,871	134	46	1	0.94
	<b>Moldova</b>	07 Mar 2020	20-Oct-20	67,958	656	1,617	17	2.38
	<b>Bulgaria</b>	08 Mar 2020	19-Oct-20	30,527	-	1,008	-	3.30
	<b>Albania</b>	09 Mar 2020	20-Oct-20	17,651	301	458	4	2.59
	<b>Cyprus</b>	09 Mar 2020	20-Oct-20	2,839	152	25	-	0.88
	<b>Channel Islands</b>	09 Mar 2020	20-Oct-20	259	1	16	-	6.18
	<b>Jersey</b>	10 Mar 2020	20-Oct-20	516	7	32	-	6.20
	<b>Kazakhstan</b>	13 Mar 2020	20-Oct-20	109,623	115	1,768	-	1.61
	<b>Kosovo</b>	13 Mar 2020	17-Oct-20	16,754	-	652	-	3.89
	<b>Uzbekistan</b>	15 Mar 2020	20-Oct-20	63,737	214	533	4	0.84
	<b>Greenland</b>	16 Mar 2020	19-Oct-20	16	-	-	-	
	<b>Montenegro</b>	17 Mar 2020	20-Oct-20	15,892	132	247	7	1.55
	<b>Kyrgyzstan</b>	18 Mar 2020	20-Oct-20	52,910	384	1,113	2	2.10
	<b>Isle of Man</b>	19 Mar 2020	14-Oct-20	348	-	24	-	6.90
	<b>Tajikistan</b>	30 Apr 2020	20-Oct-20	10,574	41	80	-	0.76
<b>MIDDLE EAST</b>	<b>UAE</b>	29 Jan 2020	20-Oct-20	117,594	1,077	470	4	0.40
	<b>Iran</b>	19 Feb 2020	20-Oct-20	539,670	5,039	31,034	322	5.75
	<b>Israel</b>	21 Feb 2020	20-Oct-20	305,633	757	2,271	11	0.74
	<b>Lebanon</b>	21 Feb 2020	20-Oct-20	64,336	1,392	531	5	0.83
	<b>Kuwait</b>	24 Feb 2020	20-Oct-20	117,718	886	714	4	0.61
	<b>Oman</b>	24 Feb 2020	20-Oct-20	111,033	439	1,122	8	1.01
	<b>Bahrain</b>	24 Feb 2020	19-Oct-20	78,224	-	304	3	0.39
	<b>Iraq</b>	24 Feb 2020	20-Oct-20	434,598	3,920	10,366	49	2.39
	<b>Qatar</b>	29 Feb 2020	19-Oct-20	129,671	-	224	-	0.17
	<b>Saudi Arabia</b>	02 Mar 2020	20-Oct-20	342,968	385	5,217	16	1.52
	<b>Jordan</b>	02 Mar 2020	20-Oct-20	40,972	2,035	414	34	1.01
	<b>Palestine</b>	05 Mar 2020	20-Oct-20	59,595	513	492	8	0.83
	<b>Syria</b>	22 Mar 2020	20-Oct-20	5,180	46	254	3	4.90
	<b>Yemen</b>	10 Apr 2020	20-Oct-20	2,057	1	597	-	29.02
<b>AFRICA</b>	<b>Egypt</b>	14 Feb 2020	19-Oct-20	105,547	-	6,130	-	5.81
	<b>Algeria</b>	25 Feb 2020	20-Oct-20	54,829	213	1,873	8	3.42
	<b>Nigeria</b>	28 Feb 2020	19-Oct-20	61,558	-	1,125	-	1.83
	<b>Tunisia</b>	02 Mar 2020	19-Oct-20	42,727	-	687	-	1.61
	<b>Morocco</b>	02 Mar 2020	20-Oct-20	179,003	3,254	3,027	51	1.69
	<b>Senegal</b>	02 Mar 2020	20-Oct-20	15,459	27	320	1	2.07
	<b>South Africa</b>	05 Mar 2020	19-Oct-20	705,254	-	18,492	-	2.62
	<b>Cameroon</b>	06 Mar 2020	20-Oct-20	21,506	65	424	1	1.97
	<b>Togo</b>	06 Mar 2020	19-Oct-20	2,071	-	51	-	2.46
	<b>Burkina Faso</b>	09 Mar 2020	19-Oct-20	2,387	-	65	-	2.72
	<b>Democratic Republic of Congo</b>	10 Mar 2020	19-Oct-20	11,052	-	303	-	2.74
	<b>Ivory Coast</b>	11 Mar 2020	19-Oct-20	20,324	-	121	-	0.60

<b>Reunion</b>	11 Mar 2020	19-Oct-20	4,921	-	17	-	0.35
<b>Ghana</b>	13 Mar 2020	19-Oct-20	47,372	-	310	-	0.65
<b>Guinea</b>	13 Mar 2020	20-Oct-20	11,538	20	70	-	0.61
<b>Gabon</b>	13 Mar 2020	19-Oct-20	8,884	-	54	-	0.61
<b>Sudan</b>	13 Mar 2020	19-Oct-20	13,724	-	836	-	6.09
<b>Kenya</b>	13 Mar 2020	20-Oct-20	45,647	571	842	3	1.84
<b>Ethiopia</b>	13 Mar 2020	20-Oct-20	90,490	630	1,371	6	1.52
<b>Central African Republic</b>	14 Mar 2020	20-Oct-20	4,856	1	62	-	1.28
<b>Seychelles</b>	14 Mar 2020	16-Oct-20	149	-	-	-	
<b>Rwanda</b>	14 Mar 2020	20-Oct-20	4,996	4	34	-	0.68
<b>Namibia</b>	14 Mar 2020	20-Oct-20	12,367	41	132	1	1.07
<b>Swaziland</b>	14 Mar 2020	19-Oct-20	5,788	-	116	-	2.00
<b>Mauritania</b>	14 Mar 2020	20-Oct-20	7,621	13	163	-	2.14
<b>Mayotte</b>	14 Mar 2020	19-Oct-20	4,159	-	43	-	1.03
<b>Equatorial Guinea</b>	15 Mar 2020	20-Oct-20	5,074	4	83	-	1.64
<b>Republic of Congo</b>	15 Mar 2020	14-Oct-20	5,156	-	92	-	1.78
<b>Benin</b>	16 Mar 2020	16-Oct-20	2,496	-	41	-	1.64
<b>Liberia</b>	16 Mar 2020	20-Oct-20	1,381	4	82	-	5.94
<b>Tanzania</b>	16 Mar 2020	15-May-20	509	-	21	-	4.13
<b>Somalia</b>	16 Mar 2020	19-Oct-20	3,890	-	99	-	2.54
<b>Gambia</b>	17 Mar 2020	17-Oct-20	3,649	-	118	-	3.23
<b>Zambia</b>	17 Mar 2020	20-Oct-20	15,982	85	346	-	2.16
<b>Mauritius</b>	18 Mar 2020	16-Oct-20	417	-	10	-	2.40
<b>Djibouti</b>	18 Mar 2020	19-Oct-20	5,469	-	61	-	1.12
<b>Niger</b>	19 Mar 2020	19-Oct-20	1,211	-	69	-	5.70
<b>Chad</b>	19 Mar 2020	19-Oct-20	1,390	-	93	-	6.69
<b>Zimbabwe</b>	20 Mar 2020	19-Oct-20	8,159	-	232	-	2.84
<b>Cape Verde</b>	20 Mar 2020	19-Oct-20	7,800	-	87	-	1.12
<b>Madagascar</b>	20 Mar 2020	17-Oct-20	16,810	-	238	-	1.42
<b>Uganda</b>	21 Mar 2020	20-Oct-20	10,788	97	97	-	0.90
<b>Eritrea</b>	21 Mar 2020	17-Oct-20	452	-	-	-	
<b>Angola</b>	21 Mar 2020	20-Oct-20	7,829	207	248	1	3.17
<b>Mozambique</b>	22 Mar 2020	20-Oct-20	11,190	110	78	3	0.70
<b>Libya</b>	24 Mar 2020	20-Oct-20	50,906	957	746	14	1.47
<b>Guinea-Bissau</b>	25 Mar 2020	20-Oct-20	2,403	14	41	-	1.71
<b>Mali</b>	25 Mar 2020	20-Oct-20	3,411	4	132	-	3.87
<b>Botswana</b>	30 Mar 2020	19-Oct-20	5,609	-	21	-	0.37
<b>Sierra Leone</b>	31 Mar 2020	20-Oct-20	2,336	5	73	-	3.13
<b>Burundi</b>	31 Mar 2020	19-Oct-20	549	-	1	-	0.18
<b>Malawi</b>	02 Apr 2020	20-Oct-20	5,861	1	182	1	3.11
<b>South Sudan</b>	05 Apr 2020	19-Oct-20	2,847	-	55	-	1.93
<b>Sao Tome and Principe</b>	06 Apr 2020	18-Oct-20	933	-	15	-	1.61
<b>Comoros</b>	30 Apr 2020	16-Oct-20	502	-	7	-	1.39
<b>Lesotho</b>	13May 2020	20-Oct-20	1,918	85	43	1	2.24
			<b>40,026,948</b>	<b>308,586</b>	<b>1,103,021</b>	<b>5,017</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)

350000

300000

250000

200000

150000

100000

50000

0

13-Jan-17 21 25 29 2 6 10 14 18 22 26 30 4 8 12 16 20 24 28 01-Jun-5 9 13 17 21 25 29 3 7 11 15 19 23 27 31 4 8 12 16 20 24 28 01-Sep-5 9 13 17 21 25 29 3 7 11 15 19

Confirmed COVID-19 cases reported in the ASEAN region by date of report through October 20, 2020

— Thailand — Singapore — Vietnam — Malaysia — Cambodia — Philippines — Indonesia — Brunei — Myanmar — Lao PDR

368,842

360,775

57,921

3,700

1,141

38,502

285

22,225

147

23



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