

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

ASEAN Biodiaspora Virtual Center (ABVC)

as of August 31, 2020 (2:00 PM GMT+8)



COVID-19: Highlights and Situation Overview

- Worldwide, there have been over 25.3 million cases and more than 848,000 deaths attributed to COVID-19.
- Rakhine state in Myanmar has been seeing an increasing number of local cases since August 16 and all townships of the state are now under the stay-at-home order, as part of the measures to curb the spread of the disease. According to the Ministry of Health and Sports, the total number of COVID-19 cases in Myanmar has increased to 749 as of August 30 with 16 new COVID-19 confirmed cases (10 local transmission cases and six imported cases).
- The number of confirmed COVID-19 cases in the Philippines continued to rise, with 4284 more cases reported on Sunday (August 30), bringing the country's total COVID-19 cases to 217,396. Of the country's total cases, 56,473 are active cases, of which 91.3% have mild symptoms, 6.1% are asymptomatic, 1.1% are severe, and 1.6% are critical.
- Vietnamese authorities will start charging a quarantine fee for anyone entering Vietnam from September 1. However, the medical treatment of Vietnamese nationals in case they are infected by the pandemic will be covered by the state budget. Foreign nationals are required to pay for their own medical treatment. Vietnam confirmed no new Covid-19 community transmission as of August 30 with total COVID-19 cases remaining at 1,040. "Patient 1039" and "Patient 1040" are the two latest cases, recorded in Binh Duong Province and Da Nang City on Saturday evening. The Health Ministry has stated that the biggest outbreaks in Da Nang, Quang Nam and Hai Duong have been put under control, but the risk of community transmission remains "very high".

Travel Advisories (new update/s)

- Malaysia: Malaysia's Prime Minister said that the country's movement curbs will be extended to December 31, as the coronavirus pandemic isn't showing any signs of ending soon. Malaysia's borders will remain shut while those flying into Malaysia are mandated to undergo a 14-day mandatory quarantine. Tourists are still not allowed to enter the country to avoid import cases.
- Thailand: Thailand will not be fully reopened to foreign tourists along the lines of the so-called "Phuket Model" any time soon because the government has to consider too many details. According to the Phuket Model, tourists will be allowed to land on the island, but they will have to undergo a 14-day quarantine first and their travel zones will be limited. Entry will also only be limited to tourists from COVID-free countries.

Cases and Deaths as of 30 August 2020

- As of August 30 (2PM, GMT+8), worldwide, there were **25,066,186** confirmed cases, including **844,078** deaths. Globally, Case Fatality Ratio (CFR)* is **3.37**.
- In **China**, there were **90,390** confirmed cases with **4,727** deaths, including deaths in Hong Kong (86) and Taiwan (7). Confirmed cases in China include confirmed cases in Hong Kong (4,787), Macau (92), and Taiwan (488).
- **461,234 confirmed cases** of COVID-19 have been reported in the ASEAN region with a total of **10,546 deaths**.

REGION	COUNTRY	FIRST CONFIRMED CASE(S)	LATEST REPORT ON CONFIRMED CASE(S)	TOTAL CONFIRMED CASES	NEW CASES	TOTAL DEATHS	CASE FATALITY RATIO	REPORTED CASES/100,000 POPULATION	REPORTED TESTS/100,000
ASEAN REGION	Brunei	10 Mar 2020	25 Aug 20	144	-	3	2.08	36.45	NA
	Cambodia	27 Jan 2020	14 Aug 20	273	-	-	0.00	1.89	NA
	Indonesia	02 Mar 2020	30 Aug 20	172,053	2,858	7,261	4.29	69.64	451
	Lao PDR	24 Mar 2020	14 Aug 20	22	-	-	0.00	0.35	NA
	Malaysia	25 Jan 2020	30 Aug 20	9,334	17	125	1.34	32.95	3747.1
	Myanmar	23 Mar 2020	30 Aug 20	749	16	6	0.82	1.37	271.7
	Philippines	30 Jan 2020	30 Aug 20	217,396	4,284	3,419	1.60	213.34	1969.8
	Singapore	23 Jan 2020	30 Aug 20	56,812	54	27	0.05	1206.47	12966.2
	Thailand	13 Jan 2020	30 Aug 20	3,411	-	58	1.70	5.09	591.7
	Vietnam	23 Jan 2020	30 Aug 20	1,040	-	32	3.08	1.16	139.7
			Subtotal	461,234	7,229	10,911			

- **24,521,806 confirmed cases** of COVID-19 have been reported in **204 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	TOTAL CONFIRMED NEW CASES	TOTAL DEATHS	TOTAL NEW DEATHS	CASE FATALITY RATIO
ASIA PACIFIC	Japan	16 Jan 2020	29-Aug-20	65,573	905	1,238	12	1.89
	South Korea	20 Jan 2020	29-Aug-20	19,400	323	321	5	1.65
	Nepal	24 Jan 2020	29-Aug-20	37,340	884	207	12	0.55
	Australia	25 Jan 2020	29-Aug-20	25,547	99	600	17	2.35
	Sri Lanka	27 Jan 2020	29-Aug-20	2,995	7	12	-	0.40
	India	30 Jan 2020	29-Aug-20	3,539,712	78,472	63,657	944	1.80
	Afghanistan	24 Feb 2020	29-Aug-20	38,143	3	1,402	-	3.68
	Pakistan	26 Feb 2020	29-Aug-20	295,372	319	6,284	1	2.13
	New Zealand	28 Feb 2020	29-Aug-20	1,727	13	22	-	1.27
	Bhutan	05 Mar 2020	29-Aug-20	195	11	-	-	0.00
	Maldives	07 Mar 2020	29-Aug-20	7,469	140	28	-	0.37
	Bangladesh	08 Mar 2020	29-Aug-20	308,925	2,131	4,206	32	1.36
	Mongolia	10 Mar 2020	27-Aug-20	301	-	-	-	0.00
	Turkey	10 Mar 2020	29-Aug-20	265,515	1,517	6,245	36	2.35
	French Polynesia	12 Mar 2020	29-Aug-20	482	67	-	-	0.00
	Guam	15 Mar 2020	28-Aug-20	1,287	-	10	-	0.78
	New Caledonia	17 Mar 2020	08-Aug-20	23	-	-	-	0.00
Fiji	18 Mar 2020	27-Aug-20	28	-	2	-	7.14	

	Papua New Guinea	21 Mar 2020	28-Aug-20	453	-	5	-	1.10
	Timor Leste	21 Mar 2020	27-Aug-20	27	-	-	-	0.00
	Northern Mariana Islands	28 Mar 2020	19-Aug-20	54	-	2	-	3.70
	North Korea	24 Jul 2020	24-Jul-20	1	-	-	-	0.00
AMERICAS	USA	21 Jan 2020	27-Aug-20	6,130,733	55,178	186,688	1,251	3.05
	Canada	25 Jan 2020	27-Aug-20	127,673	597	9,150	12	7.17
	Brazil	26 Feb 2020	28-Aug-20	3,772,945	-	118,988	-	3.15
	Mexico	28 Feb 2020	29-Aug-20	585,738	5,824	63,146	552	10.78
	Saint Martin	01 Mar 2020	29-Aug-20	213	15	5	-	2.35
	Ecuador	01 Mar 2020	29-Aug-20	112,906	765	6,537	33	5.79
	Dominican Republic	01 Mar 2020	28-Aug-20	93,390	-	1,648	-	1.76
	Chile	03 Mar 2020	29-Aug-20	408,009	2,037	11,181	49	2.74
	Argentina	03 Mar 2020	29-Aug-20	392,009	11,717	8,305	176	2.12
	Peru	05 Mar 2020	29-Aug-20	629,961	7,964	28,471	194	4.52
	Costa Rica	06 Mar 2020	29-Aug-20	38,485	1,193	407	10	1.06
	Colombia	06 Mar 2020	28-Aug-20	582,022	-	18,468	-	3.17
	French Guiana	06 Mar 2020	29-Aug-20	9,076	54	58	-	0.64
	Martinique	06 Mar 2020	27-Aug-20	596	-	16	-	2.68
	Paraguay	07 Mar 2020	29-Aug-20	15,873	583	280	15	1.76
	Panama	10 Mar 2020	29-Aug-20	90,624	642	1,966	18	2.17
	Bolivia	10 Mar 2020	29-Aug-20	114,409	1,280	4,846	55	4.24
	Honduras	11 Mar 2020	29-Aug-20	58,810	1,141	1,827	24	3.11
	Cuba	11 Mar 2020	29-Aug-20	3,866	60	92	-	2.38
	Guyana	11 Mar 2020	29-Aug-20	1,180	40	35	3	2.97
	Jamaica	12 Mar 2020	29-Aug-20	2,011	141	19	-	0.94
	St Vincent and the Grenadines	12 Mar 2020	18-Aug-20	60	-	-	-	0.00
	Saint Lucia	13 Mar 2020	19-Aug-20	26	-	-	-	0.00
	Trinidad and Tobago	13 Mar 2020	29-Aug-20	1,554	78	19	4	1.22
	Venezuela	13 Mar 2020	29-Aug-20	43,879	981	358	-	0.82
	Guatemala	13 Mar 2020	28-Aug-20	72,921	-	2,709	-	3.71
	Uruguay	13 Mar 2020	29-Aug-20	1,556	5	43	-	2.76
	Curacao	13 Mar 2020	29-Aug-20	62	7	1	-	1.61
	Puerto Rico	13 Mar 2020	29-Aug-20	32,550	562	428	4	1.31
	Suriname	13 Mar 2020	29-Aug-20	3,848	55	66	-	1.72
	Antigua and Barbuda	13 Mar 2020	19-Aug-20	94	-	3	-	3.19
	Guadeloupe	13 Mar 2020	29-Aug-20	1,145	210	16	1	1.40
	Cayman Islands	13 Mar 2020	20-Aug-20	205	-	1	-	0.49
	Aruba	14 Mar 2020	29-Aug-20	1,906	58	9	1	0.47
	Bahamas	15 Mar 2020	29-Aug-20	2,057	37	50	-	2.43

US Virgin Islands	16 Mar 2020	29-Aug-20	1,118	43	14	-	1.25
Sint Maarten	17 Mar 2020	28-Aug-20	444	-	17	-	3.83
Montserrat	17 Mar 2020	03-Aug-20	13	-	1	-	7.69
Barbados	17 Mar 2020	29-Aug-20	166	1	7	-	4.22
El Salvador	18 Mar 2020	29-Aug-20	25,537	122	708	6	2.77
Nicaragua	18 Mar 2020	25-Aug-20	4,494	-	137	-	3.05
Bermuda	18 Mar 2020	25-Aug-20	168	-	9	-	5.36
Haiti	19 Mar 2020	29-Aug-20	8,174	13	201	-	2.46
Dominica	22 Mar 2020	24-Aug-20	20	-	-	-	0.00
Grenada	22 Mar 2020	30-Jul-20	24	-	-	-	0.00
Belize	23 Mar 2020	29-Aug-20	870	52	12	-	1.38
Turks and Caicos Islands	23 Mar 2020	29-Aug-20	490	8	3	-	0.61
Saint Kitts and Nevis	24 Mar 2020	12-Jul-20	17	-	-	-	0.00
British Virgin Islands	25 Mar 2020	29-Aug-20	35	9	1	-	2.86
Anguilla	26 Mar 2020	03-Apr-20	3	-	-	-	0.00
Caribbean Netherlands	01 Apr 2020	29-Aug-20	15	1	-	-	0.00
Falkland Islands	03 Apr 2020	25-Apr-20	13	-	-	-	0.00
Saint Pierre and Miquelon	05 Apr 2020	19-Aug-20	5	-	-	-	0.00
Saint Barthelemy	25 Jul 2020	26-Aug-20	17	-	-	-	0.00
EUROPE							
France	24 Jan 2020	29-Aug-20	272,530	5,453	30,602	6	11.23
Germany	27 Jan 2020	29-Aug-20	242,530	559	9,363	3	3.86
Finland	29 Jan 2020	29-Aug-20	8,049	7	335	-	4.16
Italy	30 Jan 2020	29-Aug-20	266,853	1,444	35,473	1	13.29
Russian Federation	31 Jan 2020	29-Aug-20	985,346	4,941	17,025	111	1.73
Spain	31 Jan 2020	28-Aug-20	439,286	-	29,011	-	6.60
Sweden	31 Jan 2020	28-Aug-20	86,891	-	5,821	-	6.70
United Kingdom of Great Britain	31 Jan 2020	27-Aug-20	332,752	1,108	41,498	12	12.47
Belgium	05 Feb 2020	29-Aug-20	83,952	452	9,886	2	11.78
Switzerland	25 Feb 2020	29-Aug-20	41,722	376	2,005	1	4.81
Austria	25 Feb 2020	29-Aug-20	26,985	395	733	-	2.72
Croatia	25 Feb 2020	29-Aug-20	9,861	312	183	3	1.86
Norway	26 Feb 2020	29-Aug-20	10,599	57	264	-	2.49
Romania	26 Feb 2020	29-Aug-20	85,833	1,365	3,539	32	4.12
Estonia	26 Feb 2020	29-Aug-20	2,363	20	64	-	2.71
Georgia	26 Feb 2020	29-Aug-20	1,462	7	19	-	1.30
North Macedonia	26 Feb 2020	29-Aug-20	14,293	130	596	6	4.17
Greece	26 Feb 2020	29-Aug-20	9,977	177	260	1	2.61
Denmark	27 Feb 2020	29-Aug-20	16,779	79	624	-	3.72

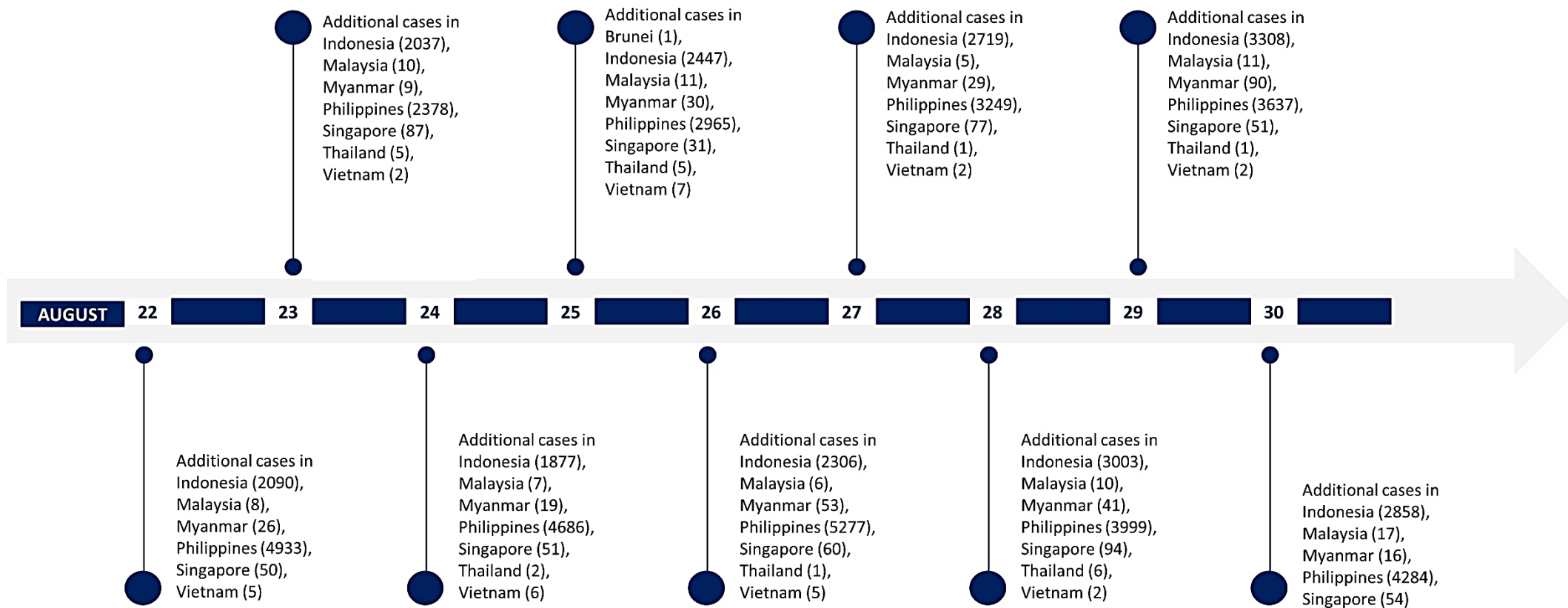
San Marino	27 Feb 2020	25-Aug-20	710	-	42	-	5.92	
Lithuania	27 Feb 2020	29-Aug-20	2,839	29	86	-	3.03	
Netherlands	27 Feb 2020	29-Aug-20	69,632	501	6,224	4	8.94	
Azerbaijan	27 Feb 2020	28-Aug-20	35,986	-	527	-	1.46	
Belarus	28 Feb 2020	29-Aug-20	71,523	177	671	4	0.94	
Iceland	28 Feb 2020	29-Aug-20	2,100	8	10	-	0.48	
Ireland	28 Feb 2020	28-Aug-20	28,578	-	1,777	-	6.22	
Monaco	29 Feb 2020	28-Aug-20	125	-	1	-	0.80	
Czech Republic	01 Mar 2020	29-Aug-20	23,777	477	419	1	1.76	
Luxembourg	01 Mar 2020	28-Aug-20	6,580	-	124	-	1.88	
Armenia	01 Mar 2020	29-Aug-20	43,626	175	872	3	2.00	
Latvia	02 Mar 2020	29-Aug-20	1,381	6	34	-	2.46	
Portugal	02 Mar 2020	29-Aug-20	57,448	374	1,818	3	3.16	
Andorra	02 Mar 2020	28-Aug-20	1,124	-	53	-	4.72	
Liechtenstein	03 Mar 2020	28-Aug-20	106	-	1	-	0.94	
Ukraine	03 Mar 2020	29-Aug-20	116,978	2,481	2,492	41	2.13	
Slovenia	04 Mar 2020	29-Aug-20	2,834	37	133	-	4.69	
Hungary	04 Mar 2020	29-Aug-20	5,669	158	614	-	10.83	
Poland	04 Mar 2020	29-Aug-20	66,239	759	2,032	14	3.07	
Faroe Islands	04 Mar 2020	25-Aug-20	411	-	-	-	0.00	
Bosnia and Herzegovina	05 Mar 2020	29-Aug-20	19,550	336	594	3	3.04	
Gibraltar	05 Mar 2020	29-Aug-20	275	1	-	-	0.00	
Slovakia	06 Mar 2020	29-Aug-20	3,842	114	33	-	0.86	
Serbia	06 Mar 2020	29-Aug-20	31,282	75	710	1	2.27	
Vatican City	06 Mar 2020	08-May-20	12	-	-	-	0.00	
Malta	07 Mar 2020	29-Aug-20	1,847	27	10	-	0.54	
Moldova	07 Mar 2020	29-Aug-20	36,404	500	990	9	2.72	
Bulgaria	08 Mar 2020	29-Aug-20	16,065	157	603	9	3.75	
Albania	09 Mar 2020	29-Aug-20	9,279	84	275	4	2.96	
Cyprus	09 Mar 2020	29-Aug-20	1,481	14	20	-	1.35	
Channel Islands	09 Mar 2020	29-Aug-20	625	2	48	-	7.68	
Jersey	10 Mar 2020	28-Aug-20	373	-	32	-	8.58	
Kazakhstan	13 Mar 2020	29-Aug-20	105,558	150	1,523	-	1.44	
Kosovo	13 Mar 2020	28-Aug-20	13,100	-	499	-	3.81	
Uzbekistan	15 Mar 2020	29-Aug-20	41,067	347	307	5	0.75	
Greenland	16 Mar 2020	27-Jul-20	14	-	-	-	0.00	
Montenegro	17 Mar 2020	29-Aug-20	4,663	105	92	3	1.97	
Kyrgyztan	18 Mar 2020	29-Aug-20	43,712	125	1,057	-	2.42	
Isle of Man	19 Mar 2020	21-May-20	336	-	24	-	7.14	
Tajikistan	30 Apr 2020	29-Aug-20	8,516	35	68	-	0.80	
MIDDLE EAST	UAE	29 Jan 2020	29-Aug-20	69,328	427	379	-	0.55
	Iran	19 Feb 2020	29-Aug-20	371,816	1,905	21,359	110	5.74
	Israel	21 Feb 2020	29-Aug-20	113,337	1,844	906	15	0.80
	Lebanon	21 Feb 2020	29-Aug-20	16,275	662	155	7	0.95

Kuwait	24 Feb 2020	29-Aug-20	84,224	646	528	3	0.63
Oman	24 Feb 2020	27-Aug-20	85,005	-	650	-	0.76
Bahrain	24 Feb 2020	29-Aug-20	51,113	357	189	-	0.37
Iraq	24 Feb 2020	29-Aug-20	227,446	3,834	6,891	77	3.03
Qatar	29 Feb 2020	29-Aug-20	118,407	211	196	-	0.17
Saudi Arabia	02 Mar 2020	29-Aug-20	313,911	987	3,840	27	1.22
Jordan	02 Mar 2020	29-Aug-20	1,893	24	15	-	0.79
Palestine	05 Mar 2020	29-Aug-20	28,527	417	164	4	0.57
Syria	22 Mar 2020	29-Aug-20	2,563	59	103	3	4.02
Yemen	10 Apr 2020	29-Aug-20	1,943	10	563	1	28.98
AFRICA							
Egypt	14 Feb 2020	29-Aug-20	98,285	223	5,362	20	5.46
Algeria	25 Feb 2020	29-Aug-20	43,781	378	1,491	8	3.41
Nigeria	28 Feb 2020	29-Aug-20	53,477	160	1,011	-	1.89
Tunisia	02 Mar 2020	29-Aug-20	3,461	138	74	1	2.14
Morocco	02 Mar 2020	29-Aug-20	60,056	1,567	1,078	26	1.79
Senegal	02 Mar 2020	29-Aug-20	13,456	72	282	3	2.10
South Africa	05 Mar 2020	29-Aug-20	620,132	1,846	13,743	115	2.22
Cameroon	06 Mar 2020	27-Aug-20	19,142	-	411	-	2.15
Togo	06 Mar 2020	29-Aug-20	1,365	24	27	-	1.98
Burkina Faso	09 Mar 2020	26-Aug-20	1,352	-	55	-	4.07
Democratic Republic of Congo	10 Mar 2020	29-Aug-20	10,007	13	258	3	2.58
Ivory Coast	11 Mar 2020	29-Aug-20	17,797	95	115	-	0.65
Reunion	11 Mar 2020	29-Aug-20	1,557	70	6	-	0.39
Ghana	13 Mar 2020	29-Aug-20	44,118	277	270	-	0.61
Guinea	13 Mar 2020	28-Aug-20	9,251	-	59	-	0.64
Gabon	13 Mar 2020	28-Aug-20	8,505	-	53	-	0.62
Sudan	13 Mar 2020	29-Aug-20	13,189	144	823	-	6.24
Kenya	13 Mar 2020	29-Aug-20	33,794	164	572	5	1.69
Ethiopia	13 Mar 2020	29-Aug-20	49,654	1,514	770	12	1.55
Central African Republic	14 Mar 2020	29-Aug-20	4,700	2	61	-	1.30
Seychelles	14 Mar 2020	25-Aug-20	136	-	-	-	0.00
Rwanda	14 Mar 2020	29-Aug-20	3,742	70	16	1	0.43
Namibia	14 Mar 2020	28-Aug-20	6,906	-	65	-	0.94
Swaziland	14 Mar 2020	29-Aug-20	4,461	28	91	2	2.04
Mauritania	14 Mar 2020	29-Aug-20	7,012	19	158	-	2.25
Mayotte	14 Mar 2020	27-Aug-20	3,301	-	40	-	1.21
Equatorial Guinea	15 Mar 2020	28-Aug-20	4,941	-	83	-	1.68
Republic of Congo	15 Mar 2020	25-Aug-20	3,979	-	78	-	1.96
Benin	16 Mar 2020	26-Aug-20	2,145	-	40	-	1.86
Liberia	16 Mar 2020	26-Aug-20	1,298	-	82	-	6.32
Tanzania	16 Mar 2020	15-May-20	509	-	21	-	4.13
Somalia	16 Mar 2020	25-Aug-20	3,275	-	95	-	2.90
Gambia	17 Mar 2020	29-Aug-20	2,895	98	96	-	3.32
Zambia	17 Mar 2020	29-Aug-20	11,902	301	284	2	2.39
Mauritius	18 Mar 2020	28-Aug-20	355	-	10	-	2.82
Djibouti	18 Mar 2020	29-Aug-20	5,385	2	60	-	1.11
Niger	19 Mar 2020	28-Aug-20	1,175	-	69	-	5.87
Chad	19 Mar 2020	29-Aug-20	1,008	4	77	-	7.64
Zimbabwe	20 Mar 2020	29-Aug-20	6,388	96	195	6	3.05
Cape Verde	20 Mar 2020	29-Aug-20	3,745	46	38	-	1.01
Madagascar	20 Mar 2020	29-Aug-20	14,791	95	190	3	1.28

Uganda	21 Mar 2020	29-Aug-20	2,847	91	29	1	1.02
Eritrea	21 Mar 2020	28-Aug-20	317	-	-	-	0.00
Angola	21 Mar 2020	29-Aug-20	2,471	56	106	1	4.29
Mozambique	22 Mar 2020	28-Aug-20	3,697	-	21	-	0.57
Libya	24 Mar 2020	29-Aug-20	12,958	329	231	5	1.78
Guinea-Bissau	25 Mar 2020	26-Aug-20	2,205	-	34	-	1.54
Mali	25 Mar 2020	29-Aug-20	2,736	6	126	-	4.61
Botswana	30 Mar 2020	26-Aug-20	1,633	-	6	-	0.37
Sierra Leone	31 Mar 2020	29-Aug-20	2,019	6	70	-	3.47
Burundi	31 Mar 2020	29-Aug-20	433	2	1	-	0.23
Malawi	02 Apr 2020	28-Aug-20	5,496	-	173	-	3.15
South Sudan	05 Apr 2020	28-Aug-20	2,518	-	47	-	1.87
Sao Tome and Principe	06 Apr 2020	23-Aug-20	895	1	15	-	1.68
Lesotho	13May 2020	26-Aug-20	1,051	-	31	-	2.95
			24,521,806	219,820	828,440	4,210	

**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)

20000

15000

10000

5000

0

217,396

172,053

56,812

1040

749

273

144

22

Confirmed COVID-19 cases reported in the ASEAN region by date of report through August 30, 2020

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

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

9,334

3,412



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

