

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

ASEAN Biodiaspora Virtual Center (ABVC)

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



COVID-19: Highlights and Situation Overview

- Worldwide, there have been over 35.3 million cases and more than 1.04 million deaths attributed to COVID-19.
- Malaysia has seen a steady climb in cases in the past week and on Saturday reported 317 new infections, the highest daily rise since it began tracking the pandemic. However, the government said that Malaysia will not re-impose widespread COVID-19 restrictions on travel despite a recent spike in infections. The Security Minister said that the government did not see the need to reimpose the lockdown as the majority of cases were being reported in detention centres and isolated districts.
- In an effort to provide better treatment for COVID-19 patients and aid to decrease the COVID-19 mortality rate, Indonesia government has begun securing a substantial amount of therapeutics that could work against the disease. Data from the Office of the Coordinating Maritime Affairs and Investment Minister showed that the government has given the go-ahead to contractors to import COVID-19 therapeutics such as remdesivir, favipiravir, oseltamivir and lopinavir-ritonavir, all of which will be distributed directly to hospitals treating COVID-19 patients. The data show that by the end of 2020, the government expects to secure 670,000 vials of remdesivir from foreign sources, but expects the drug to be manufactured in the country starting in November. According to Health Ministry data, there were 3,992 new COVID-19 cases on Sunday (October 4), bringing the total number COVID-19 in the country to 303,498.
- A 500-bed COVID-19 treatment center being built in Yangon Convention Center in Myanmar will be expected to finish on October 9. 16 beds for the High-Dependency Unit where patients can receive intensive care will also be included in this center. Approximately 400 doctors, nurses and volunteers will be assigned to provide treatment in this COVID-19 facility. A mobile swab-taking car has also initiated testing on October 3. As of October 4, Myanmar has reported 1,291 new COVID-19 cases, bringing the country total number of cases to 17,794.

Travel Advisories (new update/s)

- Vietnam: Vietnam and Singapore have unilaterally lift border restrictions to visitors starting October 8. However, Vietnam will continue to limit entry and only approve the entry of diplomats, high-skilled workers, and investors with strict health protocols. Vietnam's Immigration Department has also announced another automatic stay extension for foreigners stranded in Vietnam due to the pandemic until October 31. The measure applies to those who entered since March 1 allowing them to leave the country without any penalty or official procedures.

Cases and Deaths as of 05 October 2020

- As of October 01 (2PM, GMT+8), worldwide, there were **35,403,825** confirmed cases, including **1,041,649** deaths. Globally, Case Fatality Rate (CFR) is **2.94**.
- In **China**, there were **91,173** 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 (5,114), Macau (92), and Taiwan (517).
- **719,110 confirmed cases** of COVID-19 have been reported in the ASEAN region with a total of **17,600 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	25-Sep-20	146	-	3	-	2.05	33.70	NA	NA
	Cambodia	27 Jan 20	02-Oct-20	278	-	-	-		1.69	NA	NA
	Indonesia	02 Mar 20	04-Oct-20	303,498	3,992	11,151	96	3.67	112.15	740	0.96
	Lao PDR	24 Mar 20	11-Sep-20	23	-	-	-	0.00	0.32	NA	NA
	Malaysia	25 Jan 20	04-Oct-20	12,381	293	137	-	1.11	38.75	4,841	1.76
	Myanmar	23 Mar 20	04-Oct-20	17,794	1,291	412	41	2.32	32.92	451	1.23
	Philippines	30 Jan 20	04-Oct-20	322,497	3,192	5,776	98	1.79	298.29	3,227	1.03
	Singapore	23 Jan 20	04-Oct-20	57,812	12	27	-	0.05	1,013.61	49,323	0.90
	Thailand	13 Jan 20	04-Oct-20	3,585	2	59	-	1.65	5.15	648	1.38
Vietnam	23 Jan 20	02-Oct-20	1,096	-	35	-	3.19	1.14	140	NA	
				719,110	8,782	17,600	235				

*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

- **34,593,542 confirmed cases** of COVID-19 have been reported in **206 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	04-Oct-20	85,339	571	1,597	7	1.87
	South Korea	20 Jan 2020	04-Oct-20	24,091	64	421	1	1.75
	Nepal	24 Jan 2020	04-Oct-20	86,823	2,253	535	7	0.62
	Australia	25 Jan 2020	04-Oct-20	27,136	15	894	1	3.29
	Sri Lanka	27 Jan 2020	04-Oct-20	3,396	1	13	-	0.38
	India	30 Jan 2020	04-Oct-20	6,622,136	74,723	102,714	902	1.55
	Afghanistan	24 Feb 2020	04-Oct-20	39,341	44	1,462	-	3.72
	Pakistan	26 Feb 2020	04-Oct-20	314,616	632	6,513	6	2.07
	New Zealand	28 Feb 2020	04-Oct-20	1,854	5	25	-	1.35
	Bhutan	05 Mar 2020	03-Oct-20	283	-	-	-	
	Maldives	07 Mar 2020	03-Oct-20	10,465	-	34	-	0.32
	Bangladesh	08 Mar 2020	04-Oct-20	368,690	1,125	5,348	23	1.45
	Mongolia	10 Mar 2020	22-Sep-20	313	-	-	-	0.00
	Turkey	10 Mar 2020	04-Oct-20	324,443	1,429	8,441	57	2.60
French Polynesia	12 Mar 2020	03-Oct-20	1,964	-	8	-	0.41	

	Guam	15 Mar 2020	02-Oct-20	2,617	-	49	-	1.87
	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	03-Oct-20	540	-	7	-	1.30
	Timor Leste	21 Mar 2020	29-Sep-20	28	-	-	-	
	Northern Mariana Islands	28 Mar 2020	04-Oct-20	73	3	2	-	2.74
	North Korea	24 Jul 2020	24-Jul-20	1	-	-	-	
	Solomon Islands	03 Oct 2020	03-Oct-20	1	-	-	-	
AMERICAS	USA	21 Jan 2020	04-Oct-20	7,625,760	26,699	214,518	255	2.81
	Canada	25 Jan 2020	04-Oct-20	166,153	1,683	9,481	20	5.71
	Brazil	26 Feb 2020	03-Oct-20	4,906,833	-	146,011	580	2.98
	Mexico	28 Feb 2020	04-Oct-20	757,953	4,863	78,880	388	10.41
	Saint Martin	01 Mar 2020	04-Oct-20	412	9	8	-	1.94
	Ecuador	01 Mar 2020	03-Oct-20	140,351	-	11,597	-	8.26
	Dominican Republic	01 Mar 2020	04-Oct-20	114,480	554	2,134	6	1.86
	Chile	03 Mar 2020	04-Oct-20	470,179	1,708	12,979	60	2.76
	Argentina	03 Mar 2020	03-Oct-20	790,818	-	20,599	-	2.60
	Peru	05 Mar 2020	03-Oct-20	824,985	-	32,609	-	3.95
	Costa Rica	06 Mar 2020	03-Oct-20	79,182	-	950	-	1.20
	Colombia	06 Mar 2020	03-Oct-20	848,147	-	26,556	-	3.13
	French Guiana	06 Mar 2020	03-Oct-20	10,029	-	67	-	0.67
	Martinique	06 Mar 2020	30-Sep-20	1,543	-	21	-	1.36
	Paraguay	07 Mar 2020	04-Oct-20	43,452	768	913	23	2.10
	Panama	10 Mar 2020	03-Oct-20	114,653	-	2,406	-	2.10
	Bolivia	10 Mar 2020	04-Oct-20	136,569	350	8,073	28	5.91
	Honduras	11 Mar 2020	04-Oct-20	78,788	519	2,399	13	3.04
	Cuba	11 Mar 2020	04-Oct-20	5,809	29	122	-	2.10
	Guyana	11 Mar 2020	04-Oct-20	3,005	37	85	3	2.83
	Jamaica	12 Mar 2020	04-Oct-20	6,895	100	120	1	1.74
	St Vincent and the Grenadines	12 Mar 2020	12-Sep-20	64	-	-	-	
	Saint Lucia	13 Mar 2020	09-Sep-20	27	-	-	-	
	Trinidad and Tobago	13 Mar 2020	04-Oct-20	4,715	6	79	3	1.68
	Venezuela	13 Mar 2020	04-Oct-20	77,646	826	649	6	0.84
	Guatemala	13 Mar 2020	04-Oct-20	93,963	215	3,293	8	3.50
	Uruguay	13 Mar 2020	03-Oct-20	2,122	-	48	-	2.26
	Curacao	13 Mar 2020	04-Oct-20	429	18	1	-	0.23
	Puerto Rico	13 Mar 2020	04-Oct-20	50,675	300	686	5	1.35
	Suriname	13 Mar 2020	04-Oct-20	4,924	25	106	1	2.15

Antigua and Barbuda	13 Mar 2020	04-Oct-20	107	1	3	-	2.80
Guadeloupe	13 Mar 2020	30-Sep-20	5,528	-	57	-	1.03
Cayman Islands	13 Mar 2020	02-Oct-20	213	-	1	-	0.47
Aruba	14 Mar 2020	03-Oct-20	4,074	-	30	-	0.74
Bahamas	15 Mar 2020	04-Oct-20	4,409	77	96	-	2.18
US Virgin Islands	16 Mar 2020	04-Oct-20	1,327	4	20	-	1.51
Sint Maarten	17 Mar 2020	04-Oct-20	678	4	22	-	3.24
Montserrat	17 Mar 2020	03-Aug-20	13	-	1	-	7.69
Barbados	17 Mar 2020	04-Oct-20	196	3	7	-	3.57
El Salvador	18 Mar 2020	04-Oct-20	29,450	92	863	6	2.93
Nicaragua	18 Mar 2020	29-Sep-20	5,170	-	151	-	2.92
Bermuda	18 Mar 2020	24-Sep-20	181	-	9	-	4.97
Haiti	19 Mar 2020	03-Oct-20	8,811	-	229	-	2.60
Dominica	22 Mar 2020	01-Oct-20	31	-	-	-	
Grenada	22 Mar 2020	30-Jul-20	24	-	-	-	
Belize	23 Mar 2020	04-Oct-20	2,131	51	29	1	1.36
Turks and Caicos Islands	23 Mar 2020	03-Oct-20	695	-	6	-	0.86
Saint Kitts and Nevis	24 Mar 2020	20-Sep-20	19	-	-	-	
British Virgin Islands	25 Mar 2020	24-Sep-20	71	-	1	-	1.41
Anguilla	26 Mar 2020	03-Apr-20	3	-	-	-	
Caribbean Netherlands	01 Apr 2020	03-Oct-20	124	-	1	-	0.81
Falkland Islands	03 Apr 2020	25-Apr-20	13	-	-	-	
Saint Pierre and Miquelon	05 Apr 2020	24-Sep-20	16	-	-	-	
Saint Barthelemy	25 Jul 2020	02-Oct-20	54	-	-	-	
EUROPE	France	24 Jan 2020	619,190	12,565	32,230	32	5.21
	Germany	27 Jan 2020	301,013	1,424	9,601	4	3.19
	Finland	29 Jan 2020	10,538	147	345	-	3.27
	Italy	30 Jan 2020	325,329	2,578	35,986	18	11.06
	Russian Federation	31 Jan 2020	1,215,001	10,499	21,358	107	1.76
	Spain	31 Jan 2020	789,977	-	32,086	-	4.06
	Sweden	31 Jan 2020	94,283	-	5,895	-	6.25
	United Kingdom of Great Britain	31 Jan 2020	502,978	22,961	42,350	33	8.42
	Belgium	05 Feb 2020	127,623	3,389	10,044	7	7.87
	Switzerland	25 Feb 2020	54,384	-	2,077	1	3.82
	Austria	25 Feb 2020	48,146	714	813	4	1.69
	Croatia	25 Feb 2020	17,659	258	298	5	1.69
	Norway	26 Feb 2020	14,421	93	275	-	1.91

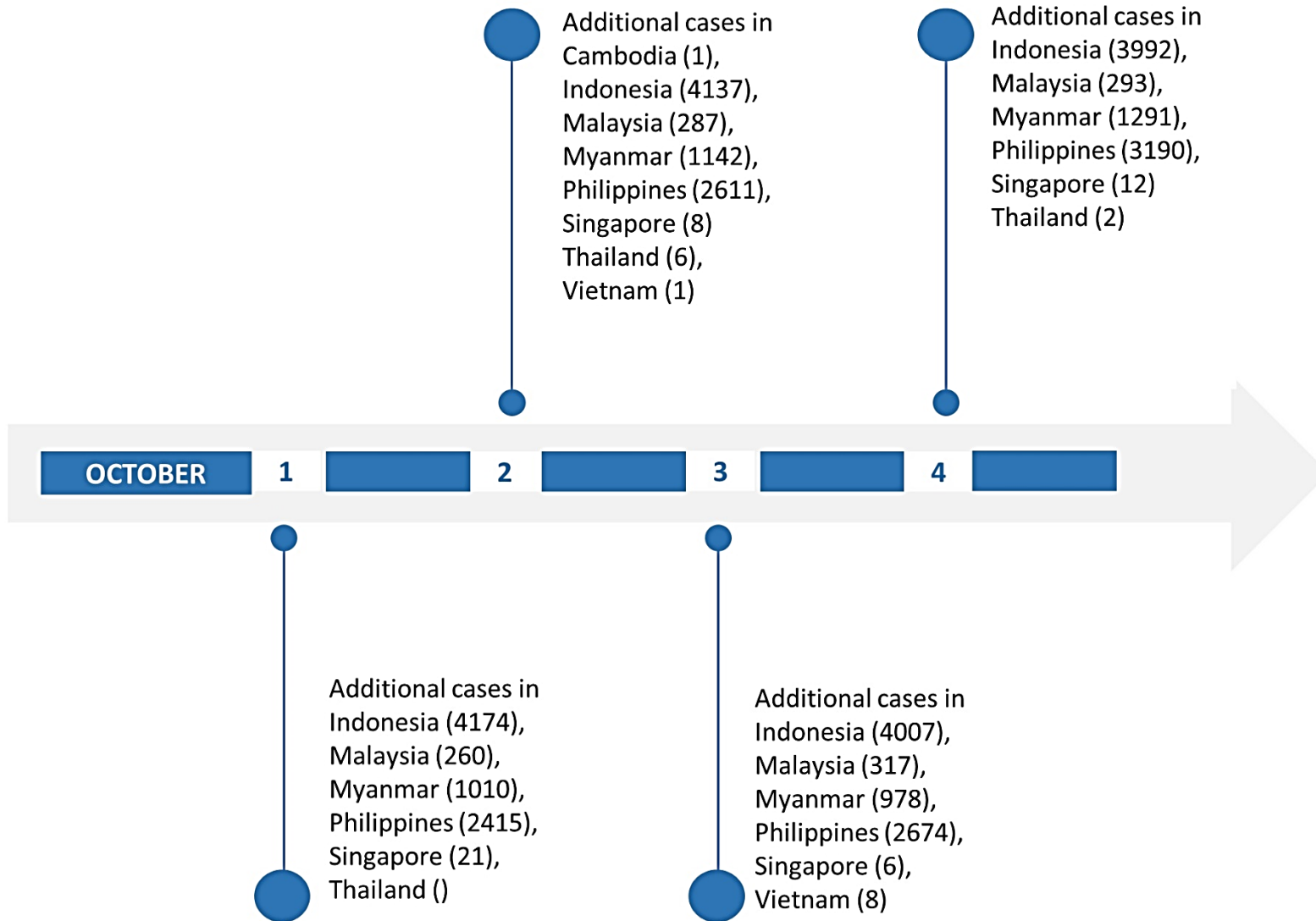
Romania	26 Feb 2020	04-Oct-20	135,900	1,835	5,003	56	3.68
Estonia	26 Feb 2020	04-Oct-20	3,607	30	67	-	1.86
Georgia	26 Feb 2020	04-Oct-20	8,118	554	50	2	0.62
North Macedonia	26 Feb 2020	04-Oct-20	18,790	188	756	3	4.02
Greece	26 Feb 2020	04-Oct-20	19,842	229	409	4	2.06
Denmark	27 Feb 2020	04-Oct-20	29,680	378	658	4	2.22
San Marino	27 Feb 2020	30-Sep-20	732	-	42	-	5.74
Lithuania	27 Feb 2020	04-Oct-20	5,185	104	94	-	1.81
Netherlands	27 Feb 2020	04-Oct-20	135,892	4,003	6,454	5	4.75
Azerbaijan	27 Feb 2020	04-Oct-20	40,691	130	596	1	1.46
Belarus	28 Feb 2020	03-Oct-20	79,852	-	851	-	1.07
Iceland	28 Feb 2020	04-Oct-20	2,921	49	10	-	0.34
Ireland	28 Feb 2020	04-Oct-20	38,032	364	1,810	-	4.76
Monaco	29 Feb 2020	03-Oct-20	222	-	2	-	0.90
Czech Republic	01 Mar 2020	04-Oct-20	80,605	1,130	711	12	0.88
Luxembourg	01 Mar 2020	03-Oct-20	8,797	-	125	-	1.42
Armenia	01 Mar 2020	04-Oct-20	52,496	571	977	5	1.86
Latvia	02 Mar 2020	04-Oct-20	2,086	67	38	-	1.82
Portugal	02 Mar 2020	04-Oct-20	79,151	904	2,005	10	2.53
Andorra	02 Mar 2020	02-Oct-20	2,110	-	53	-	2.51
Liechtenstein	03 Mar 2020	04-Oct-20	126	3	1	-	0.79
Ukraine	03 Mar 2020	04-Oct-20	226,462	4,140	4,397	44	1.94
Slovenia	04 Mar 2020	04-Oct-20	6,498	168	155	-	2.39
Hungary	04 Mar 2020	04-Oct-20	30,575	858	822	10	2.69
Poland	04 Mar 2020	04-Oct-20	100,074	1,934	2,630	26	2.63
Faroe Islands	04 Mar 2020	03-Oct-20	473	-	-	-	
Bosnia and Herzegovina	05 Mar 2020	04-Oct-20	28,354	379	879	8	3.10
Gibraltar	05 Mar 2020	04-Oct-20	432	4	-	-	
Slovakia	06 Mar 2020	04-Oct-20	13,139	818	55	1	0.42
Serbia	06 Mar 2020	04-Oct-20	33,901	59	754	1	2.22
Vatican City	06 Mar 2020	08-May-20	12	-	-	-	
Malta	07 Mar 2020	04-Oct-20	3,270	66	39	1	1.19
Moldova	07 Mar 2020	04-Oct-20	56,579	691	1,366	13	2.41
Bulgaria	08 Mar 2020	03-Oct-20	21,518	-	841	-	3.91
Albania	09 Mar 2020	04-Oct-20	14,266	149	396	4	2.78
Cyprus	09 Mar 2020	04-Oct-20	1,824	13	22	-	1.21
Channel Islands	09 Mar 2020	03-Oct-20	257	-	16	-	6.23
Jersey	10 Mar 2020	02-Oct-20	421	-	32	-	7.60
Kazakhstan	13 Mar 2020	04-Oct-20	108,177	71	1,725	-	1.59
Kosovo	13 Mar 2020	04-Oct-20	15,814	56	630	-	3.98
Uzbekistan	15 Mar 2020	04-Oct-20	58,421	183	479	4	0.82
Greenland	16 Mar 2020	27-Jul-20	14	-	-	-	
Montenegro	17 Mar 2020	04-Oct-20	12,127	193	179	5	1.48

MIDDLE EAST	Kyrgyzstan	18 Mar 2020	04-Oct-20	47,428	244	1,066	-	2.25
	Isle of Man	19 Mar 2020	03-Oct-20	342	-	24	-	7.02
	Tajikistan	30 Apr 2020	04-Oct-20	9,935	40	78	1	0.79
	UAE	29 Jan 2020	04-Oct-20	98,801	1,041	426	-	0.43
	Iran	19 Feb 2020	04-Oct-20	471,772	3,653	26,957	211	5.71
	Israel	21 Feb 2020	04-Oct-20	265,086	643	1,692	10	0.64
	Lebanon	21 Feb 2020	04-Oct-20	44,482	988	406	8	0.91
	Kuwait	24 Feb 2020	04-Oct-20	107,025	567	624	4	0.58
	Oman	24 Feb 2020	04-Oct-20	101,270	2,685	977	42	0.96
	Bahrain	24 Feb 2020	02-Oct-20	72,310	-	259	1	0.36
	Iraq	24 Feb 2020	04-Oct-20	379,141	3,210	9,399	52	2.48
	Qatar	29 Feb 2020	04-Oct-20	126,498	159	216	-	0.17
	Saudi Arabia	02 Mar 2020	04-Oct-20	336,387	390	4,875	25	1.45
	Jordan	02 Mar 2020	04-Oct-20	15,640	891	101	13	0.65
	Palestine	05 Mar 2020	04-Oct-20	52,433	420	391	1	0.75
Syria	22 Mar 2020	03-Oct-20	4,329	-	204	-	4.71	
Yemen	10 Apr 2020	03-Oct-20	2,041	-	589	-	28.86	
AFRICA	Egypt	14 Feb 2020	03-Oct-20	103,575	-	5,970	-	5.76
	Algeria	25 Feb 2020	04-Oct-20	52,136	141	1,760	4	3.38
	Nigeria	28 Feb 2020	03-Oct-20	59,287	-	1,113	-	1.88
	Tunisia	02 Mar 2020	04-Oct-20	22,230	1,286	321	45	1.44
	Morocco	02 Mar 2020	04-Oct-20	133,272	2,044	2,330	37	1.75
	Senegal	02 Mar 2020	04-Oct-20	15,094	26	312	-	2.07
	South Africa	05 Mar 2020	04-Oct-20	681,289	1,573	16,976	38	2.49
	Cameroon	06 Mar 2020	02-Oct-20	20,924	-	420	-	2.01
	Togo	06 Mar 2020	04-Oct-20	1,854	14	48	-	2.59
	Burkina Faso	09 Mar 2020	04-Oct-20	2,154	31	59	1	2.74
	Democratic Republic of Congo	10 Mar 2020	03-Oct-20	10,752	-	274	-	2.55
	Ivory Coast	11 Mar 2020	03-Oct-20	19,849	-	120	-	0.60
	Reunion	11 Mar 2020	03-Oct-20	4,178	-	16	-	0.38
	Ghana	13 Mar 2020	04-Oct-20	46,829	26	303	2	0.65
	Guinea	13 Mar 2020	03-Oct-20	10,735	-	66	-	0.61
	Gabon	13 Mar 2020	02-Oct-20	8,797	-	54	-	0.61
	Sudan	13 Mar 2020	01-Oct-20	13,653	-	836	-	6.12
	Kenya	13 Mar 2020	04-Oct-20	39,427	243	731	3	1.85
	Ethiopia	13 Mar 2020	04-Oct-20	78,819	959	1,222	8	1.55
	Central African Republic	14 Mar 2020	03-Oct-20	4,845	-	62	-	1.28
	Seychelles	14 Mar 2020	04-Oct-20	146	1	-	-	0.00
	Rwanda	14 Mar 2020	04-Oct-20	4,866	14	29	-	0.60
	Namibia	14 Mar 2020	04-Oct-20	11,626	54	123	-	1.06
	Swaziland	14 Mar 2020	03-Oct-20	5,530	-	111	-	2.01
	Mauritania	14 Mar 2020	04-Oct-20	7,517	6	162	-	2.16
	Mayotte	14 Mar 2020	30-Sep-20	3,779	-	42	-	1.11
	Equatorial Guinea	15 Mar 2020	01-Oct-20	5,045	-	83	-	1.65
	Republic of Congo	15 Mar 2020	01-Oct-20	5,089	-	89	-	1.75
	Benin	16 Mar 2020	30-Sep-20	2,357	-	41	-	1.74
	Liberia	16 Mar 2020	03-Oct-20	1,347	-	82	-	6.09
	Tanzania	16 Mar 2020	15-May-20	509	-	21	-	4.13
	Somalia	16 Mar 2020	04-Oct-20	3,745	152	99	-	2.64
	Gambia	17 Mar 2020	03-Oct-20	3,590	-	115	-	3.20

Zambia	17 Mar 2020	04-Oct-20	15,052	78	333	-	2.21
Mauritius	18 Mar 2020	03-Oct-20	385	-	10	-	2.60
Djibouti	18 Mar 2020	03-Oct-20	5,418	-	61	-	1.13
Niger	19 Mar 2020	04-Oct-20	1,200	2	69	-	5.75
Chad	19 Mar 2020	03-Oct-20	1,214	-	85	-	7.00
Zimbabwe	20 Mar 2020	04-Oct-20	7,885	27	228	-	2.89
Cape Verde	20 Mar 2020	03-Oct-20	6,296	-	62	-	0.98
Madagascar	20 Mar 2020	04-Oct-20	16,558	29	232	-	1.40
Uganda	21 Mar 2020	04-Oct-20	8,808	146	81	2	0.92
Eritrea	21 Mar 2020	03-Oct-20	398	-	-	-	0.00
Angola	21 Mar 2020	03-Oct-20	5,370	-	193	-	3.59
Mozambique	22 Mar 2020	04-Oct-20	9,196	147	66	2	0.72
Libya	24 Mar 2020	04-Oct-20	36,809	722	592	14	1.61
Guinea-Bissau	25 Mar 2020	03-Oct-20	2,362	-	39	-	1.65
Mali	25 Mar 2020	04-Oct-20	3,184	14	131	-	4.11
Botswana	30 Mar 2020	28-Sep-20	3,172	-	16	-	0.50
Sierra Leone	31 Mar 2020	04-Oct-20	2,269	10	72	-	3.17
Burundi	31 Mar 2020	02-Oct-20	513	-	1	-	0.19
Malawi	02 Apr 2020	03-Oct-20	5,786	3	179	-	3.09
South Sudan	05 Apr 2020	04-Oct-20	2,726	11	50	-	1.83
Sao Tome and Principe	06 Apr 2020	04-Oct-20	913	2	15	-	1.64
Comoros	30 Apr 2020	04-Oct-20	487	3	7	-	1.44
Lesotho	13May 2020	04-Oct-20	1,683	3	39	-	2.32
			34,593,542	217,453	1,019,303	3,365	

**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*

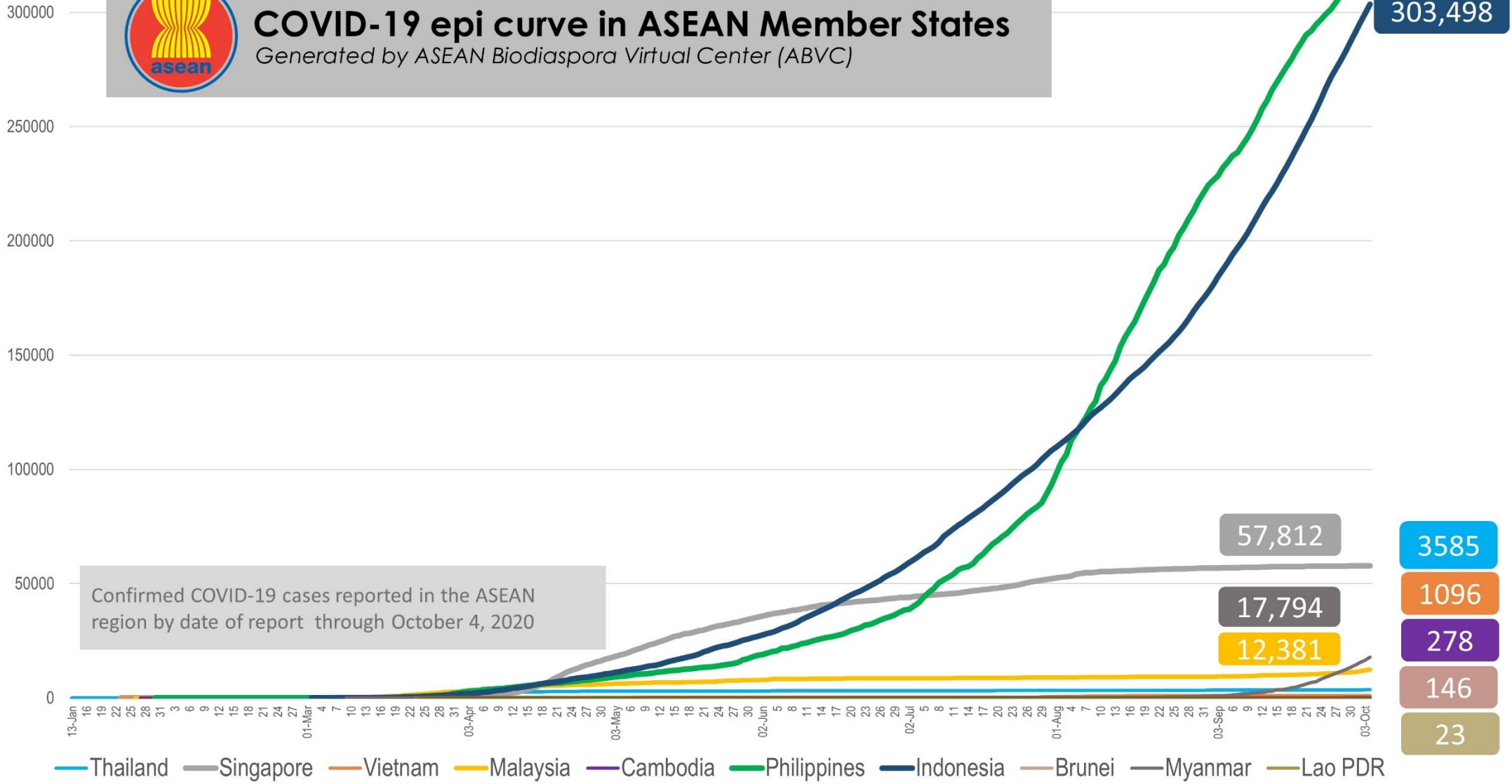
Timeline of COVID-19: ASEAN *(continuation)*





COVID-19 epi curve in ASEAN Member States

Generated by ASEAN Biodiaspora Virtual Center (ABVC)





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

