

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

ASEAN Biodiaspora Virtual Center (ABVC)

as of April 28, 2021



COVID-19: Highlights and Situation Overview

Global Update

- Worldwide, there have been over 149 million cases and more than 3 million deaths attributed to COVID-19.
- The World Health Organization said on Tuesday (April 27) that a variant of COVID-19 feared to be contributing to a surge in coronavirus cases in India has been found in more than a dozen countries. The UN health agency said the B.1.617 variant of COVID-19 first found in India had as of Tuesday been detected in more than 1,200 sequences uploaded to the GISAID open-access database "from at least 17 countries".
- India's new COVID-19 cases stayed above 300,000 for a sixth consecutive day on Tuesday (April 27). Over the past 24 hours, India recorded 323,144 new cases, below Monday's worldwide peak of 352,991, with flooded hospitals continuing to turn away patients due to a shortage of beds and oxygen supplies. India is facing surging new cases and deaths in the pandemic, and fears are rising that the variant could be contributing to the unfolding catastrophe.

Regional Update

- Thailand's Health Ministry reported 2,179 new COVID-19 new cases and 15 new COVID-19 deaths on April 27, another daily record amid the "third-wave" surge. 63 of 77 provinces in Thailand are now requiring the public to wear face masks while outside to help curb the spread of Covid-19. The rule has been extended from the previous 56 provinces, to now include those provinces of: Nakhon Ratchasima, Bung Kan, Nong Bua Lam Phu, Roi Et, Sing Buri, Nakhon Sawan, and Chumphon.
- Philippines' COVID-19 cases has surpassed a million. On Tuesday (April 28), the country reported 7,204 bringing the total number of cases to 1,013,618. Health Secretary Francisco Duque on Tuesday stressed the need to look through "a more optimistic lens," citing the number of people who recovered from COVID-19. According to the country's Department of Health (DOH), 925,027 people or about 91% of the total number, have recovered from COVID-19. The DOH has recommended extending the strict lockdown measures in Metro Manila and its four adjacent provinces, stressing the need to curb the infection and improve the health system. However, the country's President Rodrigo Duterte will announce the decision on Wednesday.

Vaccine Update

- Malaysia said on April 28 that the country will be offering the AstraZeneca COVID-19 vaccine on a "first come, first serve" basis to the general public in Kuala Lumpur and Selangor. The coordinating minister of the National Covid-19 Immunisation Programme said the AstraZeneca vaccines will be given only to those who voluntarily want to receive them, after taking into consideration concerns from the public. Malaysia currently has about 268,000 doses of AstraZeneca vaccines - of which the first batch arrived in the country last week.
- Thailand's Department of Medical Sciences (DMS) has approved samples of the AstraZeneca vaccine which have been produced locally by Siam Bioscience. DMS said that 5 models of vaccine that were submitted for approval had been tested for consistency during production. DMS tested each of the 5 samples submitted for approval and found that they met all criteria laid out in the registration process, including chemical composition and safety. The results support a drive to have the vaccine mass-produced in Thailand, with the FDA having already authorized Siam Bioscience to ramp up production.

Travel Advisories (new update/s)

- Philippines: A government authority announced on Tuesday (April 27) that Philippines will ban travellers coming from India to prevent the spread of a new coronavirus variant. Travellers coming from India or those with travel history to that country within the last 14 days before arrival will be banned from entering the Philippines from April 29 to May 14.
- Cambodia: The country will ban travellers from India effective on Thursday (April 29) for up to three weeks. The Ministry of Health banned all Indians and foreign travellers who have been in India or have traveled through India from entering Cambodia for a while until further notice. He added that foreign travellers who have a history of visiting India within the last three weeks will also be barred from entering Cambodia.
- Malaysia: Sabah government announced that nationals from India, France, America, Africa and Brazil are prohibited from entering Sabah starting April 28. Chief Minister Datuk Seri Hajiji Noor said only Sabahans, their spouses and children are allowed to enter the state after a 14-day compulsory quarantine. He added that all crewmembers of vessels, except Malaysians, with a travel history to India over the past 14 days are not allowed to sign off in Sabah. The Malaysians concerned, however, are still required to undergo a 14-day compulsory quarantine.

Cases and Deaths as of 28 April 2021

- As of 28 April 2021 (2PM, GMT+8), worldwide, there were **149,557,807** confirmed cases, including **3,148,121** deaths. Globally, Case Fatality Rate (CFR) is **2.1**.
- In **China**, there were **103,518** confirmed cases with **4,857** deaths, including deaths in Hong Kong (209) and Taiwan (12). Confirmed cases in China include confirmed cases in Hong Kong (11,749), Macau (49), and Taiwan (1,110).
- **3,342,007 confirmed cases** of COVID-19 have been reported in the ASEAN region with a total of **66,837 deaths**, with a CFR of **2.0**.

REGION	COUNTRY	FIRST CONFIRMED CASE(S)	LATEST REPORT ON CONFIRMED CASE(S)	TOTAL CONFIRMED CASES	NEW CASES (7-DAY ROLLING AVERAGE)	TOTAL DEATHS	NEW DEATHS (7-DAY ROLLING AVERAGE)	CASE FATALITY RATE	CUMULATIVE CASES/ 100,000	NUMBER OF TESTS LAST 14 DAYS/ 100,000	RT MEAN*	CUMULATIVE FULLY VACCINATED	FULLY VACCINATED/ 100,000
ASEAN REGION	Brunei	10 Mar 20	20-Apr-21	223	- -	3	-	1.3	50				
	Cambodia	27 Jan 20	27-Apr-21	11,063	508 (517)	82	3 (5)	0.7	70		1.2	494,930	2,960
	Indonesia	02 Mar 20	27-Apr-21	1,651,794	4,656 (5,278)	44,939	169 (166)	2.7	633	215	1.0	6,341,931	2,320
	Lao PDR	24 Mar 20	27-Apr-21	511	75 (64)	-	-	-	8			30,921	420
	Malaysia	25 Jan 20	27-Apr-21	398,451	2,733 (2,711)	1,462	13 (10)	0.4	1,223	2,375	1.1	462,335	1,430
	Myanmar	23 Mar 20	27-Apr-21	142,740	18 (14)	3,207	-	2.2	270	-	1.4	40,000	70
	Philippines	30 Jan 20	27-Apr-21	1,013,618	7,190 (8,645)	16,916	63 (111)	1.7	981	532	0.9	214,792	200
	Singapore	23 Jan 20	27-Apr-21	61,063	12 (28)	30	-	0.0	1,578	6,254	1.2	849,764	14,530
	Thailand	13 Jan 20	27-Apr-21	59,687	2,179 (2,072)	163	15 (8)	0.3	87	970	1.3	94,385	140

	Vietnam	23 Jan 20	27-Apr-21	2,857	5 (8)	35	-	1.2	3	-	0.9		
				3,342,007	17,376	66,837	263	2.0					

*time-varying reproduction number (Rt)

- **146,112,282 confirmed cases** of COVID-19 have been reported in **221 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 RATE	CUMULATIVE CASES/ 100,000	NUMBER OF TESTS LAST 14 DAYS/ 100,000	RT MEAN*	CUMULATIVE FULLY VACCINATED	FULLY VACCINATED/ 100,000
ASIA PACIFIC	Japan	16 Jan 2020	27-Apr-21	576,870	4,966	10,031	63	1.7	456	737	1.1	827,196	650
	South Korea	20 Jan 2020	27-Apr-21	119,898	511	1,820	3	1.5	232	930	1.0	60,622	120
	Nepal	24 Jan 2020	27-Apr-21	307,925	4,364	3,194	18	1.0	1,096	297	1.8		
	Australia	25 Jan 2020	27-Apr-21	29,725	30	910	-	3.1	116	1,718	1.2		
	Sri Lanka	27 Jan 2020	27-Apr-21	103,487	1,111	647	-	0.6	478	550	1.8		
	India	30 Jan 2020	27-Apr-21	17,988,637	362,902	201,165	3,285	1.1	1,486	1,661	1.2	17,972,744	1,300
	Afghanistan	24 Feb 2020	27-Apr-21	59,370	145	2,611	13	4.4	160		1.2		
	Pakistan	26 Feb 2020	27-Apr-21	804,939	4,487	17,329	142	2.2	379	358	1.0		
	New Zealand	28 Feb 2020	27-Apr-21	2,609	8	26	-	1.0	53	1,077	1.1	42,771	890
	Bhutan	05 Mar 2020	27-Apr-21	1,053	27	1	-	0.1	140	4,884			
	Maldives	07 Mar 2020	27-Apr-21	28,588	386	71	-	0.2	5,544	6,116	1.5	56,817	10,510
	Bangladesh	08 Mar 2020	27-Apr-21	751,659	3,031	11,228	78	1.5	466	186	0.8	1,678,189	1,020
	Mongolia	10 Mar 2020	27-Apr-21	32,437	1,098	88	8	0.3	1,023	4,343	1.0		
	Turkey	10 Mar 2020	27-Apr-21	4,710,582	43,301	39,057	346	0.8	5,722	4,803	0.8	7,887,103	9,350
	French Polynesia	12 Mar 2020	26-Apr-21	18,739	-	141	-	0.8	6,748		0.5		
	Guam	15 Mar 2020	26-Apr-21	7,923	-	136	-	1.7	4,780		0.9	51,212	30,890
New Caledonia	17 Mar 2020	19-Apr-21	124	-	-	-	-	44					
Fiji	18 Mar 2020	27-Apr-21	109	18	2	-	1.8	12	87				
Papua New Guinea	21 Mar 2020	26-Apr-21	10,835	-	105	-	1.0	126		0.8			

	Timor Leste	21 Mar 2020	27-Apr-21	2,048	99	3	-	0.1	162				
	Northern Mariana Islands	28 Mar 2020	24-Apr-21	164	-	2	-	1.2	288				
	North Korea	24 Jul 2020	25-Jul-20	1	-	-	-	-	0				
	Solomon Islands	03 Oct 2020	16-Apr-21	20	-	-	-	-	3				
	Wallis et Futuna	17 Oct 2020	27-Apr-21	443	1	5	-	1.1	2,764		1.6		
	Marshall Islands	26 Oct 2020	17-Nov-20	4	-			-	7			11,573	19,810
	Vanuatu	11 Nov 2020	21-Apr-21	4	-	1	-	25.0	1				
	Samoa	18 Nov 2020	12-Feb-21	3	-	-	-	-	2				
	Micronesia	11 Jan 2021	11-Jan-21	1	-			-	1			13,299	12,830
AMERICAS	USA	21 Jan 2020	27-Apr-21	32,907,841	32,796	587,122	511	1.8	10,026	3,382	0.8	87,592,646	26,190
	Canada	25 Jan 2020	27-Apr-21	1,192,190	4,285	24,065	42	2.0	3,137	4,480	0.9	957,945	2,540
	Brazil	26 Feb 2020	26-Apr-21	14,379,632	-	392,452	-	2.7	6,791	-	0.8	9,140,452	4,300
	Mexico	28 Feb 2020	26-Apr-21	2,329,534	-	215,113	-	9.2	1,942	134	0.8	4,512,826	3,500
	Saint Martin	01 Mar 2020	22-Apr-21	1,720	-	12	-	0.7	4,616		1.2		
	Ecuador	01 Mar 2020	27-Apr-21	375,329	554	18,389	89	4.9	2,197	343	1.1	179,292	1,020
	Dominican Republic	01 Mar 2020	27-Apr-21	265,481	78	3,462	3	1.3	2,498	337	1.1	600,000	5,530
	Chile	03 Mar 2020	27-Apr-21	1,179,772	4,158	26,020	45	2.2	6,299	4,406	0.9	5,726,383	29,960
	Argentina	03 Mar 2020	26-Apr-21	2,879,677	-	62,087	-	2.2	6,472	755	0.8	827,961	1,830
	Peru	05 Mar 2020	26-Apr-21	1,768,186	-	60,013	-	3.4	5,527	-	0.9	547,069	1,660
	Costa Rica	06 Mar 2020	26-Apr-21	241,240	-	3,168	-	1.3	4,825	1,047	1.1	247,734	4,860
	Colombia	06 Mar 2020	26-Apr-21	2,787,303	-	71,799	-	2.6	5,614	2,067	0.9	1,231,864	2,420
	French Guiana	06 Mar 2020	26-Apr-21	19,004	-	100	-	0.5	9,720		1.1		
	Martinique	06 Mar 2020	20-Apr-21	10,611	-	68	-	0.6	2,451		0.0		
	Paraguay	07 Mar 2020	26-Apr-21	269,353	-	6,002	-	2.2	3,872	1,019	0.9	12,683	180
	Panama	10 Mar 2020	26-Apr-21	363,165	-	6,212	-	1.7	8,695	2,282	0.9	175,008	4,060
	Bolivia	10 Mar 2020	26-Apr-21	298,778	-	12,861	-	4.3	2,632	813	0.8	177,124	1,520
	Honduras	11 Mar 2020	26-Apr-21	207,320	-	5,193	-	2.5	2,162		0.9	2,639	30
	Cuba	11 Mar 2020	27-Apr-21	103,524	1,083	604	7	0.6	913	2,332	1.0		

Guyana	11 Mar 2020	26-Apr-21	12,754	-	287	-	2.3	1,637		1.0	600	80
Jamaica	12 Mar 2020	27-Apr-21	45,212	67	767	6	1.7	1,541	384	0.8		
St Vincent and the Grenadines	12 Mar 2020	27-Apr-21	1,844	5	11	1	0.6	1,673		1.9		
Saint Lucia	13 Mar 2020	26-Apr-21	4,502	-	73	-	1.6	2,475		1.1		
Trinidad and Tobago	13 Mar 2020	26-Apr-21	9,796	-	159	-	1.6	705	464	1.0		
Venezuela	13 Mar 2020	26-Apr-21	192,498	-	2,065	-	1.1	667		0.8		
Guatemala	13 Mar 2020	27-Apr-21	223,025	1,086	7,453	25	3.3	1,293	558	0.9	1,827	10
Uruguay	13 Mar 2020	26-Apr-21	187,349	-	2,391	-	1.3	5,432	5,025	0.9	387,130	11,140
Curacao	13 Mar 2020	26-Apr-21	12,129	-	105	-	0.9	7,588		0.5	14,997	9,140
Puerto Rico	13 Mar 2020	27-Apr-21	244,365	1,564	2,279	14	0.9	7,651		1.0	731,040	22,890
Suriname	13 Mar 2020	26-Apr-21	10,081	-	201	-	2.0	1,750		1.0		
Antigua and Barbuda	13 Mar 2020	27-Apr-21	1,232	4	32	-	2.6	1,280				
Guadeloupe	13 Mar 2020	21-Apr-21	13,669	-	185	-	1.4	3,086		1.1		
Cayman Islands	13 Mar 2020	26-Apr-21	541	-	2	-	0.4	843			28,988	44,110
Aruba	14 Mar 2020	27-Apr-21	10,570	15	98	-	0.9	9,986		0.7	16,434	15,390
Bahamas	15 Mar 2020	26-Apr-21	10,220	-	198	-	1.9	2,650		1.2		
US Virgin Islands	16 Mar 2020	26-Apr-21	3,090	-	27	-	0.9	2,888			25,101	23,980
Sint Maarten	17 Mar 2020	26-Apr-21	2,220	-	27	-	1.2	5,461				
Montserrat	17 Mar 2020	14-Feb-21	20	-	1	-	5.0	214			467	9,340
Barbados	17 Mar 2020	27-Apr-21	3,828	3	44	-	1.1	1,335		0.7		
El Salvador	18 Mar 2020	27-Apr-21	68,922	454	2,111	5	3.1	1,073	329	1.0	15,456	240
Nicaragua	18 Mar 2020	20-Apr-21	6,835	-	181	-	2.6	106		0.0		
Bermuda	18 Mar 2020	26-Apr-21	2,357	-	24	-	1.0	3,685		0.6	22,243	35,720
Haiti	19 Mar 2020	26-Apr-21	12,999	-	253	-	1.9	117		1.4		
Dominica	22 Mar 2020	23-Apr-21	173	-	-	-	-	242			475	660
Grenada	22 Mar 2020	22-Apr-21	159	-	1	-	0.6	143				
Belize	23 Mar 2020	26-Apr-21	12,624	-	322	-	2.6	3,295		0.9		
Turks and Caicos Islands	23 Mar 2020	27-Apr-21	2,379	3	17	-	0.7	6,316			10,000	25,830

	Saint Kitts and Nevis	24 Mar 2020	18-Mar-21	44	-	-	-	-	84				
	British Virgin Islands	25 Mar 2020	21-Apr-21	194	-	1	-	0.5	651				
	Anguilla	26 Mar 2020	27-Apr-21	84	4	-	-	-	634				
	Caribbean Netherlands	01 Apr 2020	24-Apr-21	1,554	-	15	-	1.0	8,628		0.4		
	Falkland Islands	03 Apr 2020	22-Apr-21	63	-	-	-	-	2,388			1,775	50,960
	Saint Pierre and Miquelon	05 Apr 2020	28-Jan-21	24	-	-	-	-	342				
	Saint Barthelemy	25 Jul 2020	15-Apr-21	934	-	1	-	0.1	11,053		0.1		
EUROPE	France	24 Jan 2020	27-Apr-21	5,534,313	30,317	103,603	347	1.9	8,262		0.9	4,850,310	7,120
	Germany	27 Jan 2020	27-Apr-21	3,330,907	16,270	82,765	279	2.5	4,005	1,558	1.0	5,724,561	6,830
	Finland	29 Jan 2020	27-Apr-21	86,161	224	908	2	1.1	1,561	3,377	0.9	140,223	2,530
	Italy	30 Jan 2020	27-Apr-21	3,981,512	10,398	119,912	373	3.0	6,588	6,158	1.0	4,773,616	7,900
	Russian Federation	31 Jan 2020	27-Apr-21	4,779,425	8,053	108,980	392	2.3	3,308	2,652	1.0	6,300,874	4,320
	Spain	31 Jan 2020	27-Apr-21	3,496,134	7,665	77,855	117	2.2	7,434	1,842	1.0	3,611,606	7,720
	Sweden	31 Jan 2020	27-Apr-21	953,254	14,911	13,968	45	1.5	9,361		1.0	693,437	6,870
	United Kingdom of Great Britain	31 Jan 2020	27-Apr-21	4,409,631	2,685	127,451	17	2.9	6,632	19,439	0.9	10,775,817	15,870
	Belgium	05 Feb 2020	27-Apr-21	976,088	1,670	24,065	41	2.5	8,546	4,303	1.0	727,972	6,280
	Switzerland	25 Feb 2020	27-Apr-21	653,957	2,135	10,587	3	1.6	7,679	3,877	1.0	765,613	8,850
	Austria	25 Feb 2020	27-Apr-21	612,170	1,625	10,126	28	1.7	6,919	41,127	0.9	752,091	8,350
	Croatia	25 Feb 2020	27-Apr-21	324,833	1,797	6,957	52	2.1	7,943	2,692	1.0	148,042	3,610
	Norway	26 Feb 2020	27-Apr-21	111,463	301	736	-	0.7	2,097	3,888	0.9	301,742	5,570
	Romania	26 Feb 2020	27-Apr-21	1,049,539	2,019	27,683	172	2.6	5,389	1,334	0.8	1,686,583	8,770
	Estonia	26 Feb 2020	27-Apr-21	120,836	458	1,148	3	1.0	9,148	4,603	0.8	86,768	6,540
	Georgia	26 Feb 2020	27-Apr-21	305,850	1,578	4,060	17	1.3	8,198	9,327	1.0		
	North Macedonia	26 Feb 2020	27-Apr-21	151,122	450	4,742	28	3.1	7,255	1,511	0.8		
Greece	26 Feb 2020	27-Apr-21	337,723	3,287	10,179	92	3.0	3,148	5,961	0.9	776,439	7,450	
Denmark	27 Feb 2020	27-Apr-21	248,950	624	2,479	2	1.0	4,294	2,961	0.9	536,334	9,260	
San Marino	27 Feb 2020	27-Apr-21	5,058	3	90	-	1.8	14,971			8,573	25,260	

Lithuania	27 Feb 2020	27-Apr-21	242,926	1,054	3,877	20	1.6	8,708	7,131	1.0	227,754	8,370
Netherlands	27 Feb 2020	27-Apr-21	1,472,674	5,337	17,093	31	1.2	8,547	1,240	1.0	943,197	5,500
Azerbaijan	27 Feb 2020	27-Apr-21	315,119	1,307	4,429	27	1.4	3,169		0.8	458,218	4,520
Belarus	28 Feb 2020	27-Apr-21	354,669	823	2,512	10	0.7	3,739	2,270	1.0	26,100	280
Iceland	28 Feb 2020	27-Apr-21	6,447	18	29	-	0.4	1,823	6,016	1.1	29,686	8,700
Ireland	28 Feb 2020	27-Apr-21	247,489	420	4,884	10	2.0	5,099	4,262	1.1	362,142	7,330
Monaco	29 Feb 2020	27-Apr-21	2,442	3	32	-	1.3	6,313			10,859	27,670
Czech Republic	01 Mar 2020	27-Apr-21	1,622,777	2,571	29,075	73	1.8	15,272		0.9	908,108	8,480
Luxembourg	01 Mar 2020	27-Apr-21	66,594	220	791	-	1.2	10,958	15,410	1.1	46,416	7,410
Armenia	01 Mar 2020	27-Apr-21	214,064	595	4,058	18	1.9	7,252	1,817	0.9		
Latvia	02 Mar 2020	27-Apr-21	116,132	596	2,110	4	1.8	6,028	8,790	1.0	32,842	1,740
Portugal	02 Mar 2020	27-Apr-21	834,991	353	16,970	5	2.0	8,121	6,588	1.0	710,399	6,970
Andorra	02 Mar 2020	27-Apr-21	13,121	38	124	-	0.9	17,039	4,272	0.9	4,484	5,800
Liechtenstein	03 Mar 2020	27-Apr-21	2,903	18	57	-	2.0	7,658	6,879		2,984	7,820
Ukraine	03 Mar 2020	27-Apr-21	2,038,248	7,915	42,950	432	2.1	4,568	1,210	0.9	5	-
Slovenia	04 Mar 2020	27-Apr-21	238,023	804	4,221	7	1.8	11,513	2,317	1.0	156,495	7,530
Hungary	04 Mar 2020	27-Apr-21	772,707	1,253	26,984	183	3.5	7,910	3,282	0.8	1,453,300	15,040
Poland	04 Mar 2020	27-Apr-21	2,768,034	5,711	65,897	460	2.4	7,288	2,284	0.7	2,415,993	6,380
Faroe Islands	04 Mar 2020	20-Apr-21	663	-	1	-	0.2	1,367			5,193	10,630
Bosnia and Herzegovina	05 Mar 2020	27-Apr-21	196,732	761	8,418	68	4.3	5,919	1,113	0.8		
Gibraltar	05 Mar 2020	23-Apr-21	4,283	-	94	-	2.2	12,702		0.3	30,811	91,450
Slovakia	06 Mar 2020	27-Apr-21	380,498	488	11,572	41	3.0	6,985	63,074	0.9	382,953	7,010
Serbia	06 Mar 2020	27-Apr-21	683,799	2,145	6,286	29	0.9	9,794	2,433	0.9	1,267,617	18,630
Vatican City	06 Mar 2020	17-Oct-20	27	-	-	-	-	2,932				
Malta	07 Mar 2020	27-Apr-21	30,234	45	413	-	1.4	6,253	4,614	0.7	90,173	20,420
Moldova	07 Mar 2020	27-Apr-21	249,714	329	5,762	17	2.3	7,042		0.8	10,815	270
Bulgaria	08 Mar 2020	26-Apr-21	399,259	-	16,101	-	4.0	5,704	2,278	0.7	143,185	2,060
Albania	09 Mar 2020	27-Apr-21	130,736	130	2,383	4	1.8	4,561	722	0.9	655	20
Cyprus	09 Mar 2020	26-Apr-21	62,960	-	301	-	0.5	5,294	62,569	0.9	58,265	6,650
Channel Islands	09 Mar 2020	14-Apr-21	822	-	17	-	2.1	1,260			13,618	20,310
Jersey	10 Mar 2020	19-Apr-21	3,233	-	69	-	2.1	3,560		0.7	25,753	25,480

	Kazakhstan	13 Mar 2020	27-Apr-21	311,400	2,284	3,599	29	1.2	1,704	3,848	1.0	126,550	670
	Kosovo	13 Mar 2020	27-Apr-21	104,153	154	2,130	11	2.0	5,644		0.8		
	Uzbekistan	15 Mar 2020	27-Apr-21	89,630	275	646	1	0.7	272		1.1		
	Greenland	16 Mar 2020	04-Mar-21	31	-	-	-	-	55			4,298	7,570
	Montenegro	17 Mar 2020	27-Apr-21	96,930	151	1,478	5	1.5	15,575		0.9	18,535	2,950
	Kyrgyzstan	18 Mar 2020	27-Apr-21	94,277	247	1,589	5	1.7	1,493		1.1		
	Isle of Man	19 Mar 2020	26-Apr-21	1,587	-	29	-	1.8	1,888		1.4	15,497	18,220
	Tajikistan	30 Apr 2020	10-Jan-21	13,308	-	90	-	0.7	146		5.0		
MIDDLE EAST	UAE	29 Jan 2020	27-Apr-21	514,591	2,094	1,578	5	0.3	5,343	2,660	1.0	3,836,521	38,790
	Iran	19 Feb 2020	27-Apr-21	2,438,193	20,963	70,532	462	2.9	2,981	2,423	0.9	141,176	170
	Israel	21 Feb 2020	27-Apr-21	838,211	104	6,359	6	0.8	9,435	5,148	0.8	4,998,500	57,750
	Lebanon	21 Feb 2020	27-Apr-21	522,763	1,182	7,197	26	1.4	7,633		0.8	141,131	2,070
	Kuwait	24 Feb 2020	26-Apr-21	268,235	-	1,527	-	0.6	6,483	2,285	0.9	38,000	890
	Oman	24 Feb 2020	27-Apr-21	191,398	1,128	1,992	9	1.0	3,963		1.0	19,019	370
	Bahrain	24 Feb 2020	26-Apr-21	172,576	-	625	-	0.4	10,996	13,692	0.9	499,930	29,380
	Iraq	24 Feb 2020	27-Apr-21	1,045,010	7,152	15,348	45	1.5	2,719	1,241	1.0		
	Qatar	29 Feb 2020	27-Apr-21	203,599	695	441	4	0.2	7,319	1,445	0.9		
	Saudi Arabia	02 Mar 2020	27-Apr-21	414,219	1,045	6,922	9	1.7	1,229	2,183	1.0		
	Jordan	02 Mar 2020	27-Apr-21	706,355	1,815	8,707	47	1.2	7,095	2,224	0.8	122,131	1,200
	Palestine	05 Mar 2020	27-Apr-21	322,307	1,414	3,469	17	1.1	7,054		0.8	25,466	500
	Syria	22 Mar 2020	26-Apr-21	22,265	-	1,548	-	7.0	132		0.8		
Yemen	10 Apr 2020	27-Apr-21	6,220	37	1,207	2	19.4	22		0.8			
AFRICA	Egypt	14 Feb 2020	26-Apr-21	223,514	-	13,107	-	5.9	227		0.9		
	Algeria	25 Feb 2020	27-Apr-21	121,344	232	3,225	8	2.7	287		1.1		
	Nigeria	28 Feb 2020	26-Apr-21	164,756	-	2,062	-	1.3	84	38	0.7		
	Tunisia	02 Mar 2020	27-Apr-21	303,584	1,957	10,444	92	3.4	2,625	808	1.0	47,697	400
	Morocco	02 Mar 2020	27-Apr-21	509,972	507	9,005	6	1.8	1,415	274	0.9	4,203,779	11,390
	Senegal	02 Mar 2020	27-Apr-21	40,193	27	1,106	2	2.8	254	115	1.0		
	South Africa	05 Mar 2020	26-Apr-21	1,577,200	-	54,237	-	3.4	2,730	631	1.0	292,623	490
	Cameroon	06 Mar 2020	23-Apr-21	65,998	-	991	-	1.5	262		0.5		
	Togo	06 Mar 2020	26-Apr-21	12,827	-	122	-	1.0	163	152	0.6		
	Burkina Faso	09 Mar 2020	25-Apr-21	13,263	-	156	-	1.2	67		0.7		
	Democratic Republic of Congo	10 Mar 2020	27-Apr-21	29,701	90	760	4	2.6	35		1.1		
	Ivory Coast	11 Mar 2020	26-Apr-21	45,863	-	283	-	0.6	183	97	0.8		
	Reunion	11 Mar 2020	21-Apr-21	19,343	-	141	-	0.7	2,490		1.1		
Ghana	13 Mar 2020	27-Apr-21	92,464	211	779	2	0.8	311	73	2.0			

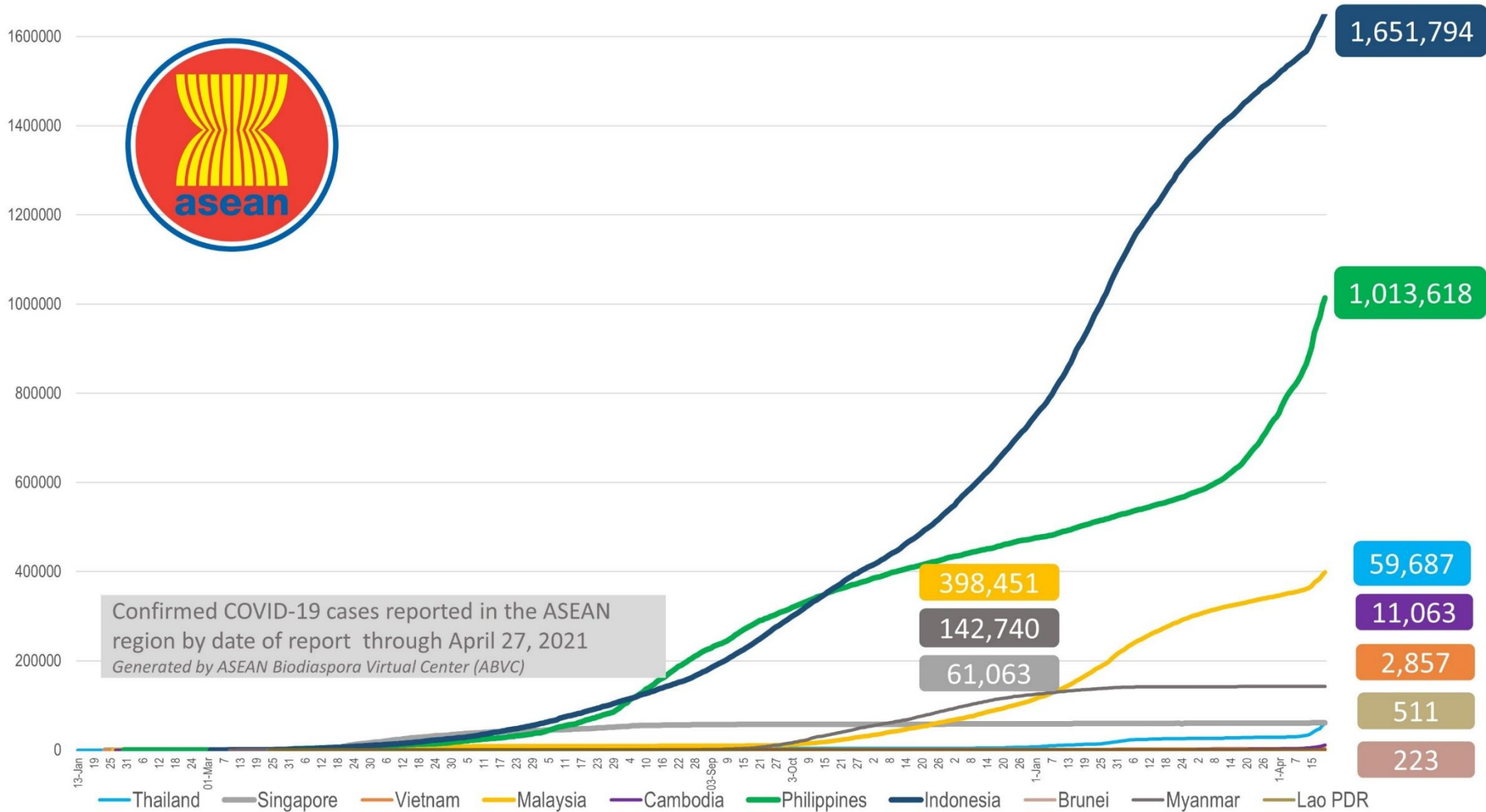
Guinea	13 Mar 2020	27-Apr-21	22,046	61	141	-	0.6	178		0.9	32,789	250
Gabon	13 Mar 2020	26-Apr-21	22,568	-	138	-	0.6	1,065		0.7	400	20
Sudan	13 Mar 2020	27-Apr-21	32,862	167	2,340	40	7.1	79		0.3		
Kenya	13 Mar 2020	26-Apr-21	156,981	-	2,643	-	1.7	305	156	0.8		
Ethiopia	13 Mar 2020	27-Apr-21	254,044	924	3,605	35	1.4	233	87	0.8		
Central African Republic	14 Mar 2020	23-Apr-21	6,224	-	85	-	1.4	133		0.7		
Seychelles	14 Mar 2020	27-Apr-21	5,354	70	26	-	0.5	5,533		1.0	50,524	51,380
Rwanda	14 Mar 2020	27-Apr-21	24,677	84	330	-	1.3	201	605	1.1		
Namibia	14 Mar 2020	27-Apr-21	48,011	70	634	6	1.3	1,961	613	1.1	128	10
Swaziland	14 Mar 2020	26-Apr-21	18,443	-	671	-	3.6	1,623		0.2		
Mauritania	14 Mar 2020	26-Apr-21	18,282	-	455	-	2.5	415	-	1.1		
Mayotte	14 Mar 2020	21-Apr-21	19,849	-	169	-	0.9	12,480		0.9		
Equatorial Guinea	15 Mar 2020	23-Apr-21	7,559	-	107	-	1.4	577		1.2	7,417	530
Republic of Congo	15 Mar 2020	25-Apr-21	10,678	-	144	-	1.3	204		4.2		
Benin	16 Mar 2020	20-Apr-21	7,720	-	97	-	1.3	67		0.0		
Liberia	16 Mar 2020	26-Apr-21	2,098	-	85	-	4.1	44				
Tanzania	16 Mar 2020	09-May-20	509	-	21	-	4.1	1		5.0		
Somalia	16 Mar 2020	27-Apr-21	13,812	142	702	4	5.1	92		0.8		
Gambia	17 Mar 2020	24-Apr-21	5,857	-	173	-	3.0	257	-	0.6		
Zambia	17 Mar 2020	27-Apr-21	91,418	40	1,249	1	1.4	527	369	0.6		
Mauritius	18 Mar 2020	26-Apr-21	1,206	-	17	-	1.4	95				
Djibouti	18 Mar 2020	26-Apr-21	10,885	-	138	-	1.3	1,135		0.7		
Niger	19 Mar 2020	26-Apr-21	5,204	-	191	-	3.7	23		1.4		
Chad	19 Mar 2020	27-Apr-21	4,779	7	170	1	3.6	31				
Zimbabwe	20 Mar 2020	26-Apr-21	38,102	-	1,560	-	4.1	264	150	0.5	37,365	250
Cape Verde	20 Mar 2020	26-Apr-21	22,586	-	208	-	0.9	4,154		1.0		
Madagascar	20 Mar 2020	27-Apr-21	36,190	145	614	9	1.7	138	67	0.8		
Uganda	21 Mar 2020	26-Apr-21	41,715	-	341	-	0.8	98	57	1.2		
Eritrea	21 Mar 2020	26-Apr-21	3,640	-	10	-	0.3	103		1.1		
Angola	21 Mar 2020	26-Apr-21	25,710	-	583	-	2.3	83		0.9		
Mozambique	22 Mar 2020	27-Apr-21	69,762	47	814	5	1.2	237	45	0.9		
Libya	24 Mar 2020	27-Apr-21	176,254	501	3,010	5	1.7	2,639		0.9		
Guinea-Bissau	25 Mar 2020	25-Apr-21	3,726	-	67	-	1.8	199		0.8		
Mali	25 Mar 2020	26-Apr-21	13,658	-	474	-	3.5	72		0.5		
Botswana	30 Mar 2020	22-Apr-21	45,855	-	691	-	1.5	2,034		0.7		
Sierra Leone	31 Mar 2020	26-Apr-21	4,046	-	79	-	2.0	53		0.3	1,781	20

	Burundi	31 Mar 2020	27-Apr-21	3,884	10	6	-	0.2	35		0.9		
	Malawi	02 Apr 2020	26-Apr-21	34,021	-	1,147	-	3.4	194	9	0.6		
	South Sudan	05 Apr 2020	26-Apr-21	10,538	-	114	-	1.1	128	88	0.7		
	Sao Tome and Principe	06 Apr 2020	26-Apr-21	2,299	-	35	-	1.5	1,163		0.9		
	Comoros	30 Apr 2020	24-Apr-21	3,829	-	146	-	3.8	460		0.6		
	Lesotho	13May 2020	25-Apr-21	10,728	-	316	-	2.9	509		0.7		
				146,112,282	658,080	3,076,427	9,056	2.1					

*time-varying reproduction number (Rt)

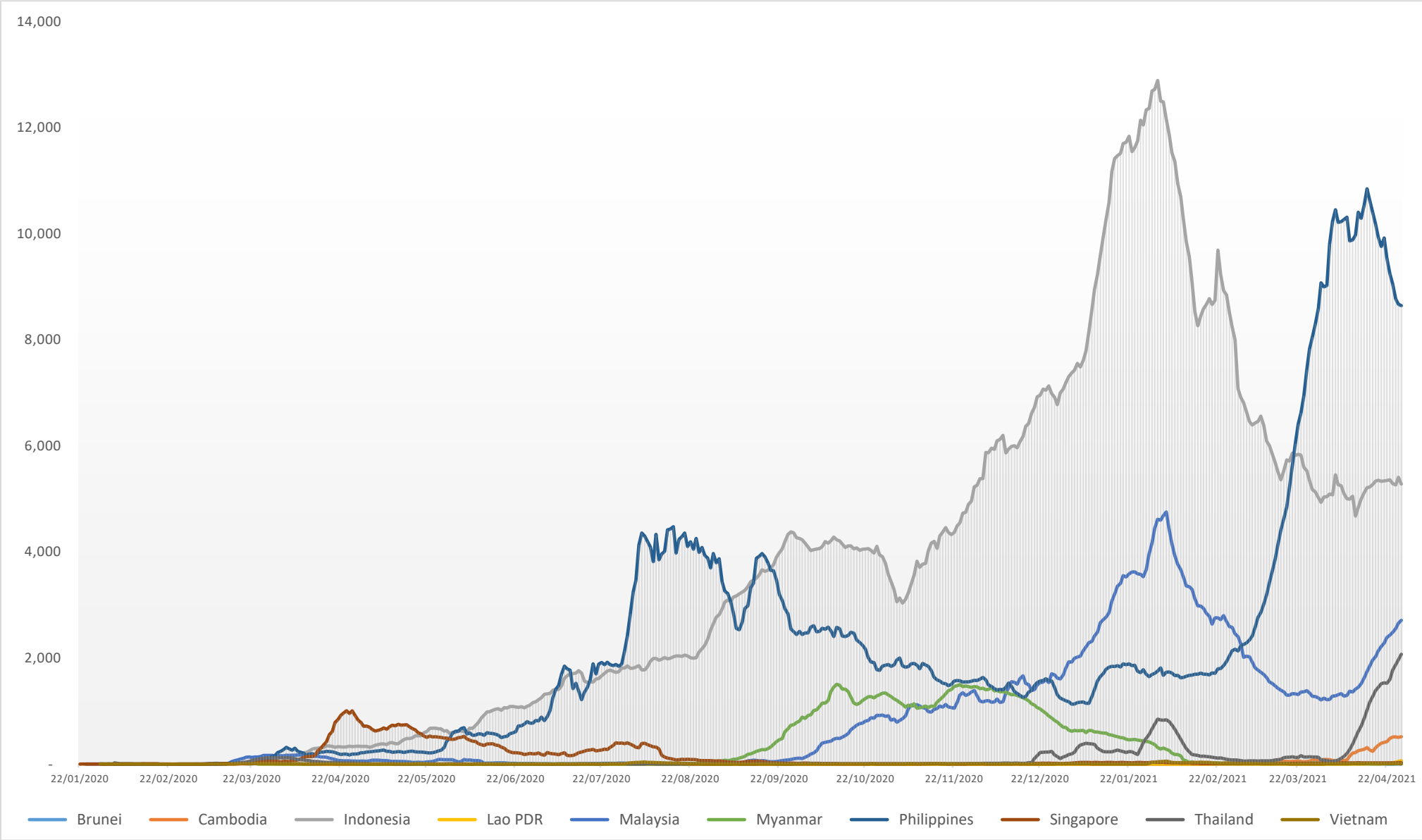
COVID-19 Epi curve among ASEAN Countries

as of 27 April 2021



7-Day Rolling Average of COVID-19 new cases

as of 27 April 2021





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