

COVID-19 Situational Report in the ASEAN Region

ASEAN BioDiaspora Virtual Center (ABVC)

as of November 22, 2021



COVID-19: Highlights and Situation Overview

Global Update

- Worldwide, there have been over 258 million cases and over 5 million deaths attributed to COVID-19.
- According to the World Health Organization (WHO), 3.3 million (+7.8% increase) new cases and less than 50,000 (+1.8% increase) new deaths were reported globally during the week of November 8 to November 14, as compared to the previous week. The European region continues to report an increase in new cases (+8%) and new deaths (+5%) compared to last week. The only other regions reporting an increase in new cases are the Americas (+8%) and Western Pacific (+6%) regions. The largest decrease in new deaths was reported by the Eastern Mediterranean region with a 14% decline compared to the same time period. Based on the BlueDot COVID-19 Data Suite, as of November 18, the top five countries with the highest seven-day rolling average number of daily new cases are the United States, Germany, United Kingdom, Russia, and Turkey. The top five countries/overseas territories with the highest seven-day rolling average number of daily new cases per million population are Cayman Islands, Gibraltar, Slovenia, Austria, and Croatia. As of November 18, Europe is the continent with the largest proportion of countries (45%, or 23 out of 51) with a high incidence rate (>350 per 100,000 over the past 14 days) and a stable or increasing trend in daily new cases over the last seven days. Asia has the highest proportion of countries (19%, or nine out of 48) with a low (≤ 140) to moderate (140.1 - 350) incidence rate and an increasing trend in new cases over the last seven days, followed by Africa (14%, or eight out of 56). South America has the highest proportion of countries (71%, or 10 out of 14) reporting a low incidence rate (≤ 140) with a stable or decreasing trend in new cases, followed closely by Africa (70%, or 39 out of 56).
- As of November 16, Pfizer has submitted the oral antiviral COVID-19 treatment, Paxlovid, for Emergency Use Authorization (EUA) in several countries including the United States, United Kingdom (UK), Australia, New Zealand, and South Korea after the recommendation to stop recruiting for the phase 2/3 trial due to favorable results. Paxlovid is a combination of two drugs (PF-07321332; ritonavir) intended to be taken at-home early in infection or post-exposure to prevent severe outcomes. The primary outcome evaluated the risk of hospitalization or death over 28 days after randomization in participants that began the regimen within three days of symptom onset. Results announced through a press release, indicate Paxlovid reduced the risk of hospitalization or death by 89% in this group, with more participants in the placebo group (7.0%; 27 hospitalizations and seven deaths out of 385) experiencing more hospitalizations or death than the treated group (0.8%, three hospitalizations and no deaths out of 389). Participants that began treatment within five days of symptom onset observed similar results with 1.0% of participants in the treatment group (six hospitalization and no deaths out of 607) and 6.7% from the placebo group (41 hospitalizations and 10 deaths out of 612) reporting hospitalization or death. Overall mortality within 28 days was 1.6% in the placebo group with 10 deaths, compared to no deaths observed in the treatment group. Additionally, the incidence of adverse events was comparable in the Paxlovid and placebo groups with the majority being mild events. A larger percentage of participants from the placebo group reported experiencing serious adverse events and the need for discontinuation compared to the treatment group.

Regional Update

- Singapore's COVID-19 multi-ministry task force announced on November 20 (Saturday) that fully vaccinated people, including those from different households, can dine together in groups of up to five starting November 22. The group size limit on social gatherings will also be

raised from two to five people, and the cap on household visitors will likewise increase to five. According to the co-chair of the OCVID-19 task force, Singapore's Stabilization Phase has ended on November 21, and the country will return to the Transition Phase, adding that the country is now in a better position to further relax the safe management measures.

Vaccine Update

- A total of 10 countries accounted for 67.3% of all vaccinations administered globally as of November 18. The top five countries/territories with the highest number of cumulative people fully vaccinated per 100,000 population are Gibraltar (118,180), Singapore (91,910), United Arab Emirates (88,400), Portugal (87,780), and Malta (83,500). Conversely, the top five countries with the lowest number of cumulative people fully vaccinated per 100,000 population are Burundi (0), Congo (50), Chad (390), Haiti (420), and South Sudan (580).
- Malaysia reported a total of 22,390,580 individuals or 95.6% of the adult population have completed the COVID-19 vaccination as of November 21. Based on the Health Ministry's CovidNow portal, 22,914,289 individuals or 97.8% of the adult population have received at least one dose of the vaccine. As for adolescents aged 12-17, 82.3% or 2,589,925 individuals have completed the vaccination, while 87.6% or 2,755,745 have received at least one dose of the vaccine. A total of 36,028 vaccine doses were dispensed yesterday with 2,244 as the first dose, 4,325 the second and 29,459 were booster doses, bringing the cumulative number of vaccine doses administered under the National COVID-19 Immunization Programme (NIP) to 51,938,646.
- Thailand has administered 88.87 million COVID-19 shots nationwide as of November 21. As of Sunday, 46.6 million individuals received their first dose, 39.1 million received their second dose, and 3 million received their third/booster shot. 16 provinces including Bangkok, Phuket, Samut Prakan, Samut Sakhon, Nonthaburi, Chonburi, Pathum Thani, Nakhon Pathom, Phetchaburi, Krabi, Phang Nga, Ranong, Rayong, Chachoengsao, Trat and Ayutthaya, reported that 70% of its population has received at least one dose. The Public Health Ministry also expects to administer 100 million doses sooner than initially planned.

Travel Advisories (new update/s)

- Singapore: Commercial flights between Singapore and India under the Vaccinated Travel Lane (VTL) will start on November 29, after both countries reached an agreement. In a press release yesterday, the Civil Aviation Authority of Singapore (CAAS) said that there will be six designated VTL flights every day from the Indian cities of Chennai, Delhi and Mumbai. Under the VTL, fully vaccinated travellers from India may enter Singapore without quarantine and need to undergo COVID-19 testing. Children aged 12 years and under who are not vaccinated will be allowed to travel into Singapore if they are accompanied by a VTL traveller who meets the requirements. Applications for the vaccinated travel pass for short-term visitors and long-term pass holders from India will open on November 22. Fully vaccinated Singapore citizens, permanent residents and children aged 12 and below do not need to apply for a pass to enter Singapore under the VTL.
- Vietnam: Hanoi authorities scrapped the quarantine requirement for travelers from high-risk areas such as Ho Chi Minh City. Rather people that are fully vaccinated will have to self-monitor their health for seven days and be tested on the first day. Travelers that are not vaccinated will need to self-isolate for seven days and will be tested twice.

Cases and Deaths as of 22 November 2021

- As of 22 November 2021 (2PM, GMT+8), worldwide, there were **258,445,703** confirmed cases, including **5,174,789** deaths. Globally, Case Fatality Rate (CFR) was **2.0**.
- In **China**, there were **377,916** confirmed cases with **6,351** deaths, including deaths in Hong Kong (213), Taiwan (848) and Macau (654). Confirmed cases in China include confirmed cases in Hong Kong (12,402), Macau (250,518), and Taiwan (16,529). CFR was **1.7**.
- 13,790,576 confirmed cases** of COVID-19 have been reported in the ASEAN region with a total of **287,768 deaths**, with a CFR of **2.1**.

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	Cumulative Vaccinated	Cumulative Fully Vaccinated	Fully Vaccinated / 100
ASEAN REGION	Brunei	10-Mar-20	21-Nov-21	14,591	77 (54)	96	-	0.7%	3,368		394,039	313,239	70.9
	Cambodia	27-Jan-20	21-Nov-21	119,867	41 (47)	2,900	4 (5)	2.4%	727	-	14,088,395	13,232,757	78.1
	Indonesia	02-Mar-20	21-Nov-21	4,253,412	314 (365)	143,739	11 (11)	3.4%	1,572	-	134,025,009	88,760,197	32.1
	Lao PDR	24-Mar-20	21-Nov-21	62,160	921 (1,138)	132	6 (5)	0.2%	867	828	3,251,958	2,776,646	37.6
	Malaysia	25-Jan-20	21-Nov-21	2,586,601	4,854 (5,756)	30,002	24 (47)	1.2%	8,096	4,002	25,616,307	24,936,588	76.1
	Myanmar	23-Mar-20	21-Nov-21	517,922	527 (666)	19,025	14 (14)	3.7%	958	-	14,692,607	9,561,157	17.5
	Philippines	30-Jan-20	21-Nov-21	2,826,410	1,911 (1,347)	47,074	171 (213)	1.7%	2,614	290	32,954,936	32,993,083	29.7
	Singapore	23-Jan-20	21-Nov-21	250,518	1,931 (2,148)	654	13 (11)	0.3%	4,392	2,041	5,071,148	5,012,181	91.9
	Thailand	13-Jan-20	21-Nov-21	2,064,581	7,006 (6,596)	20,385	29 (50)	1.0%	2,965	403	46,473,004	38,836,504	55.5
	Vietnam	23-Jan-20	21-Nov-21	1,094,514	9,889 (9,713)	23,761	76 (97)	2.2%	1,135	1,130	66,483,363	40,059,938	40.8
				13,790,576	27,471	287,768	348	2.1%					

- 244,277,211 confirmed cases** of COVID-19 have been reported in **223 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	Cumulative Immunized	Cumulative Fully Vaccinated	Fully Vaccinated/100
ASIA PACIFIC	Japan	16 Jan 2020	21-Nov-21	1,725,975	143	18,258	-	1.1%	1,367	434	99,430,887	96,059,314	76.2
	South Korea	20 Jan 2020	21-Nov-21	415,425	3,114	3,274	30	0.8%	803	-	42,208,322	40,452,376	78.9
	Nepal	24 Jan 2020	21-Nov-21	819,019	232	11,496	1	1.4%	2,863	331	8,911,971	7,624,038	25.7
	Australia	25 Jan 2020	21-Nov-21	198,445	1,467	1,942	4	1.0%	774	6,572	19,779,653	18,309,411	71.0
	Sri Lanka	27 Jan 2020	21-Nov-21	556,437	737	14,127	19	2.5%	2,552	256	15,900,295	13,694,959	63.7
	India	30 Jan 2020	21-Nov-21	34,510,413	10,488	465,662	313	1.3%	2,526	978	765,364,845	398,320,160	28.6
	Afghanistan	24 Feb 2020	21-Nov-21	156,896	32	7,365	2	4.7%	412		3,530,173	3,188,609	8.0
	Pakistan	26 Feb 2020	21-Nov-21	1,281,872	313	28,659	4	2.2%	592	214	78,845,170	49,010,906	21.8

	New Zealand	28 Feb 2020	21-Nov-21	9,972	149	39	-	0.4%	203	6,545	3,838,939	3,502,536	68.4
	Bhutan	05 Mar 2020	19-Nov-21	2,632	-	3	-	0.1%	345	1,817	588,307	559,839	71.8
	Maldives	07 Mar 2020	21-Nov-21	90,725	124	248	-	0.3%	17,087	7,606	395,233	361,635	66.5
	Bangladesh	08 Mar 2020	21-Nov-21	1,574,088	199	27,953	7	1.8%	965	111	52,995,353	33,999,865	20.4
	Mongolia	10 Mar 2020	21-Nov-21	377,387	509	1,940	7	0.5%	11,701	2,643	2,258,631	2,147,034	64.5
	Turkey	10 Mar 2020	21-Nov-21	8,571,554	21,177	75,042	195	0.9%	10,274	4,679	56,026,218	50,012,340	58.8
	French Polynesia	12 Mar 2020	19-Nov-21	46,770	-	636	-	1.4%	16,746		159,343	153,474	54.3
	Guam	15 Mar 2020	20-Nov-21	19,065	-	262	-	1.4%	11,396		134,196	122,961	73.0
	New Caledonia	17 Mar 2020	21-Nov-21	11,871	8	276	2	2.3%	4,125		178,199	164,607	57.1
	Fiji	18 Mar 2020	19-Nov-21	52,453	-	695	-	1.3%	5,894	-	632,505	576,311	63.8
	Papua New Guinea	21 Mar 2020	18-Nov-21	34,022	-	484	-	1.4%	388	-	254,708	181,283	2.0
	Timor Leste	21 Mar 2020	20-Nov-21	19,819	-	122	-	0.6%	1,533	-	616,024	401,231	29.9
	Northern Mariana Islands	28 Mar 2020	19-Nov-21	431	-	3	-	0.7%	753		38,485	35,239	68.0
	North Korea	24 Jul 2020	25-Jul-20	1	-	-	-	0.0%	0				
	Solomon Islands	03 Oct 2020	16-Apr-21	20	-	-	-	0.0%	3		135,995	35,567	5.1
	Wallis et Futuna	17 Oct 2020	06-May-21	445	-	7	-	1.6%	2,777		5,988	5,870	52.9
	Marshall Islands	26 Oct 2020	17-Nov-20	4	-	-	-	0.0%	7		24,762	21,714	27.9
	Vanuatu	11 Nov 2020	24-Oct-21	6	-	1	-	16.7%	2		85,976	36,891	11.7
	Samoa	18 Nov 2020	12-Feb-21	3	-	-	-	0.0%	2		137,258	86,246	43.1
	Micronesia	11 Jan 2021	11-Jan-21	1	-	-	-	0.0%	1		47,480	41,747	40.8
	Palau	31 May 2021	08-Oct-21	8	-	-	-	0.0%	44		18,055	15,781	73.3
	Tonga	05 Nov 2021	05-Nov-21	1	-				1		63,259	39,309	36.8
AMERICAS	USA	21 Jan 2020	21-Nov-21	48,565,372	7,143	793,562	23	1.6%	14,796	2,758	229,837,421	194,643,878	57.9
	Canada	25 Jan 2020	21-Nov-21	1,765,905	1,615	29,498	8	1.7%	4,646	2,380	30,142,460	28,833,278	75.7
	Brazil	26 Feb 2020	20-Nov-21	22,016,170	-	612,847	-	2.8%	10,397	2	162,436,791	128,481,994	60.0
	Mexico	28 Feb 2020	20-Nov-21	3,862,137	-	292,372	-	7.6%	3,027	100	75,785,054	64,131,916	49.2

Saint Martin	01 Mar 2020	14-Nov-21	3,949	-	56	-	1.4%	10,392					
Ecuador	01 Mar 2020	18-Nov-21	523,847	-	33,121	-	6.3%	3,015	-	12,918,843	10,467,328	58.5	
Dominican Republic	01 Mar 2020	21-Nov-21	402,731	817	4,186	-	1.0%	3,750	-	6,844,199	5,533,108	50.5	
Chile	03 Mar 2020	21-Nov-21	1,743,137	2,641	38,117	23	2.2%	9,198	4,047	16,752,572	15,853,872	82.5	
Argentina	03 Mar 2020	20-Nov-21	5,314,702	-	116,374	-	2.2%	11,827	-	36,105,691	28,379,784	62.2	
Peru	05 Mar 2020	20-Nov-21	2,222,879	-	200,833	-	9.0%	6,837	-	21,340,345	16,826,014	50.4	
Costa Rica	06 Mar 2020	19-Nov-21	565,548	-	7,251	-	1.3%	11,204	498	3,821,682	3,030,603	59.0	
Colombia	06 Mar 2020	20-Nov-21	5,045,412	-	128,054	-	2.5%	10,023	962	34,369,897	23,405,714	45.7	
French Guiana	06 Mar 2020	19-Nov-21	45,616	-	322	-	0.7%	23,332					
Martinique	06 Mar 2020	16-Nov-21	44,318	-	700	-	1.6%	10,237					
Paraguay	07 Mar 2020	20-Nov-21	462,242	-	16,355	-	3.5%	6,562	292	3,279,439	2,557,956	35.4	
Panama	10 Mar 2020	20-Nov-21	475,835	-	7,352	-	1.5%	11,206	1,475	2,997,886	2,411,769	55.0	
Bolivia	10 Mar 2020	21-Nov-21	529,075	668	19,062	11	3.6%	4,595	578	4,688,731	3,948,592	33.4	
Honduras	11 Mar 2020	19-Nov-21	377,420	-	10,388	-	2.8%	3,873		3,987,966	3,928,749	39.0	
Cuba	11 Mar 2020	21-Nov-21	960,802	330	8,295	2	0.9%	8,478	-	10,118,526	8,991,195	79.5	
Guyana	11 Mar 2020	19-Nov-21	37,184	-	971	-	2.6%	4,750		394,094	266,127	33.7	
Jamaica	12 Mar 2020	21-Nov-21	90,705	75	2,358	2	2.6%	3,077	359	644,420	490,610	16.5	
St Vincent and the Grenadines	12 Mar 2020	19-Nov-21	5,391	-	73	-	1.4%	4,875	1,678	29,249	21,500	19.3	
Saint Lucia	13 Mar 2020	20-Nov-21	12,902	-	278	-	2.2%	7,058		53,634	45,248	24.5	
Trinidad and Tobago	13 Mar 2020	21-Nov-21	65,889	404	1,967	20	3.0%	4,723	-	637,017	634,513	45.2	
Venezuela	13 Mar 2020	20-Nov-21	424,441	-	5,073	-	1.2%	1,488		13,858,057	9,271,857	32.3	
Guatemala	13 Mar 2020	20-Nov-21	613,713	-	15,837	-	2.6%	3,696	194	5,683,520	3,786,255	20.8	
Uruguay	13 Mar 2020	20-Nov-21	397,712	-	6,112	-	1.5%	11,489	-	2,776,031	2,638,669	75.7	
Curacao	13 Mar 2020	20-Nov-21	17,303	-	176	-	1.0%	10,983		102,378	94,457	57.3	
Puerto Rico	13 Mar 2020	20-Nov-21	187,321	-	3,261	-	1.7%	5,865		2,692,723	2,374,770	74.4	
Suriname	13 Mar 2020	21-Nov-21	50,438	28	1,149	3	2.3%	8,676		255,589	214,655	36.3	
Antigua and Barbuda	13 Mar 2020	20-Nov-21	4,135	-	108	-	2.6%	4,258	-	60,789	54,698	55.4	
Guadeloupe	13 Mar 2020	18-Nov-21	55,147	-	746	-	1.4%	12,449					
Cayman Islands	13 Mar 2020	19-Nov-21	5,532	-	4	-	0.1%	8,518		57,357	55,157	83.0	

Aruba	14 Mar 2020	21-Nov-21	16,202	8	173	-	1.1%	15,240		83,424	77,689	72.5	
Bahamas	15 Mar 2020	18-Nov-21	22,655	-	671	-	3.0%	5,817	477	149,231	134,481	33.9	
US Virgin Islands	16 Mar 2020	19-Nov-21	7,439	-	85	-	1.1%	6,976		59,473	51,784	48.7	
Sint Maarten	17 Mar 2020	20-Nov-21	4,561	-	75	-	1.6%	11,197		26,640	24,515	56.5	
Montserrat	17 Mar 2020	09-Oct-21	41	-	1	-	2.4%	439		1,531	1,417	28.5	
Barbados	17 Mar 2020	20-Nov-21	23,623	-	206	-	0.9%	8,230		152,195	133,458	46.4	
El Salvador	18 Mar 2020	19-Nov-21	118,041	-	3,751	-	3.2%	1,829	-	4,390,900	3,997,138	61.3	
Nicaragua	18 Mar 2020	16-Nov-21	17,023	-	208	-	1.2%	260		1,249,238	563,164	8.4	
Bermuda	18 Mar 2020	19-Nov-21	5,715	-	106	-	1.9%	8,941		48,464	47,365	76.3	
Haiti	19 Mar 2020	19-Nov-21	24,768	-	711	-	2.9%	220		104,920	48,603	0.4	
Dominica	22 Mar 2020	20-Nov-21	5,642	-	35	-	0.6%	7,857		28,590	26,544	36.8	
Grenada	22 Mar 2020	19-Nov-21	5,866	-	200	-	3.4%	5,237		39,254	33,028	29.2	
Belize	23 Mar 2020	18-Nov-21	29,501	-	558	-	1.9%	7,558	5,293	226,060	187,697	46.4	
Turks and Caicos Islands	23 Mar 2020	19-Nov-21	3,076	-	23	-	0.7%	8,054		29,210	27,133	69.2	
Saint Kitts and Nevis	24 Mar 2020	20-Nov-21	2,766	-	28	-	1.0%	5,236	4,362	26,851	24,563	45.9	
British Virgin Islands	25 Mar 2020	06-Oct-21	2,725	-	37	-	1.4%	9,074		18,137	16,471	54.1	
Anguilla	26 Mar 2020	19-Nov-21	1,268	-	3	-	0.2%	9,567		9,906	9,160	60.6	
Caribbean Netherlands	01 Apr 2020	20-Nov-21	2,698	-	21	-	0.8%	14,979		19,109	16,736	63.3	
Falkland Islands	03 Apr 2020	04-Nov-21	72	-	-	-	0.0%	2,729		2,632	1,775	50.3	
Saint Pierre and Miquelon	05 Apr 2020	17-Nov-21	33	-	-	-	0.0%	471					
Saint Barthelemy	25 Jul 2020	14-Nov-21	1,595	-	6	-	0.4%	18,876					
EUROPE	France	24 Jan 2020	21-Nov-21	7,414,971	19,749	118,461	15	1.6%	11,057		51,644,678	46,587,994	69.0
	Germany	27 Jan 2020	21-Nov-21	5,393,496	36,860	99,613	60	1.8%	6,488	1,933	58,580,138	56,493,326	67.3
	Finland	29 Jan 2020	19-Nov-21	174,823	-	1,249	-	0.7%	3,167	2,651	4,266,460	3,985,173	71.8
	Italy	30 Jan 2020	21-Nov-21	4,925,688	9,707	133,177	46	2.7%	8,169	9,221	46,975,851	44,039,915	73.0
	Russian Federation	31 Jan 2020	21-Nov-21	9,331,158	36,970	264,095	1,252	2.8%	6,463	5,239	63,496,542	53,578,117	36.7
	Spain	31 Jan 2020	19-Nov-21	5,080,663	-	87,810	-	1.7%	10,792	1,305	38,209,702	37,519,860	80.3
	Sweden	31 Jan 2020	18-Nov-21	1,188,735	-	15,110	-	1.3%	11,557		7,289,691	6,992,273	68.8

United Kingdom of Great Britain	31 Jan 2020	21-Nov-21	9,845,492	39,458	143,927	61	1.5%	14,731	13,346	50,734,556	46,129,532	67.6
Belgium	05 Feb 2020	20-Nov-21	1,581,500	-	26,568	-	1.7%	13,771	7,694	8,791,141	8,647,490	74.3
Switzerland	25 Feb 2020	21-Nov-21	941,216	-	11,398	3	1.2%	10,976	4,755	5,806,371	5,649,764	64.8
Austria	25 Feb 2020	21-Nov-21	1,056,613	14,042	12,015	22	1.1%	11,903	63,343	6,222,265	5,822,919	64.4
Croatia	25 Feb 2020	21-Nov-21	570,380	4,262	10,303	60	1.8%	14,023	4,202	2,111,804	1,889,974	46.3
Norway	26 Feb 2020	20-Nov-21	241,441	-	999	-	0.4%	4,515	2,747	4,225,203	3,785,677	69.3
Romania	26 Feb 2020	21-Nov-21	1,762,701	1,936	54,959	121	3.1%	9,106	2,067	7,507,373	7,117,567	37.2
Estonia	26 Feb 2020	21-Nov-21	217,381	837	1,735	7	0.8%	16,386	5,605	821,226	779,722	58.8
Georgia	26 Feb 2020	21-Nov-21	812,246	3,357	11,498	76	1.4%	21,832	-	1,111,828	978,208	24.6
North Macedonia	26 Feb 2020	21-Nov-21	212,220	389	7,436	18	3.5%	10,186	8,198	878,424	787,837	37.8
Greece	26 Feb 2020	21-Nov-21	878,920	4,108	17,313	76	2.0%	8,202	37,940	6,903,597	6,512,821	62.8
Denmark	27 Feb 2020	21-Nov-21	450,091	3,415	2,810	3	0.6%	7,735	8,173	4,535,368	4,436,345	76.3
San Marino	27 Feb 2020	14-Nov-21	5,654	-	92	-	1.6%	16,698		25,284	22,335	65.7
Lithuania	27 Feb 2020	21-Nov-21	455,558	1,359	6,521	27	1.4%	16,347	5,679	1,852,148	1,763,433	65.6
Netherlands	27 Feb 2020	21-Nov-21	2,442,286	20,643	18,966	11	0.8%	14,091	2,315	13,171,394	12,618,582	73.5
Azerbaijan	27 Feb 2020	21-Nov-21	573,974	1,889	7,624	25	1.3%	5,726	1,336	5,047,093	4,519,516	44.2
Belarus	28 Feb 2020	21-Nov-21	640,206	1,804	4,948	16	0.8%	6,763	4,366	3,259,591	2,425,501	25.7
Iceland	28 Feb 2020	19-Nov-21	16,435	-	34	-	0.2%	4,549	8,767	284,528	280,052	81.6
Ireland	28 Feb 2020	21-Nov-21	528,964	4,181	5,609	-	1.1%	10,705	6,878	3,841,607	3,773,157	75.7
Monaco	29 Feb 2020	21-Nov-21	3,554	2	36	-	1.0%	9,121		26,672	23,308	59.0
Czech Republic	01 Mar 2020	21-Nov-21	1,995,291	14,442	32,079	74	1.6%	18,701		6,507,226	6,248,339	58.3
Luxembourg	01 Mar 2020	19-Nov-21	85,960	-	862	-	1.0%	13,867	5,541	441,243	418,437	65.9
Armenia	01 Mar 2020	21-Nov-21	334,075	492	7,278	25	2.2%	11,295	3,802	645,035	278,495	9.4
Latvia	02 Mar 2020	21-Nov-21	246,116	493	3,950	10	1.6%	12,867	7,254	1,249,662	1,135,962	60.9
Portugal	02 Mar 2020	21-Nov-21	1,122,283	2,499	18,321	11	1.6%	10,928	3,972	9,053,901	8,925,907	87.8
Andorra	02 Mar 2020	19-Nov-21	16,086	-	130	-	0.8%	20,852	4,499	54,999	49,535	64.0
Liechtenstein	03 Mar 2020	21-Nov-21	4,144	55	61	-	1.5%	10,900	5,400	25,578	24,826	64.9
Ukraine	03 Mar 2020	21-Nov-21	3,332,943	10,635	81,272	377	2.4%	7,509	1,385	12,805,744	9,784,545	22.5
Slovenia	04 Mar 2020	21-Nov-21	400,685	2,246	5,061	17	1.3%	19,190	4,290	1,220,991	1,138,530	54.8
Hungary	04 Mar 2020	19-Nov-21	998,488	-	32,780	-	3.3%	10,220	4,863	6,017,807	5,788,775	60.1

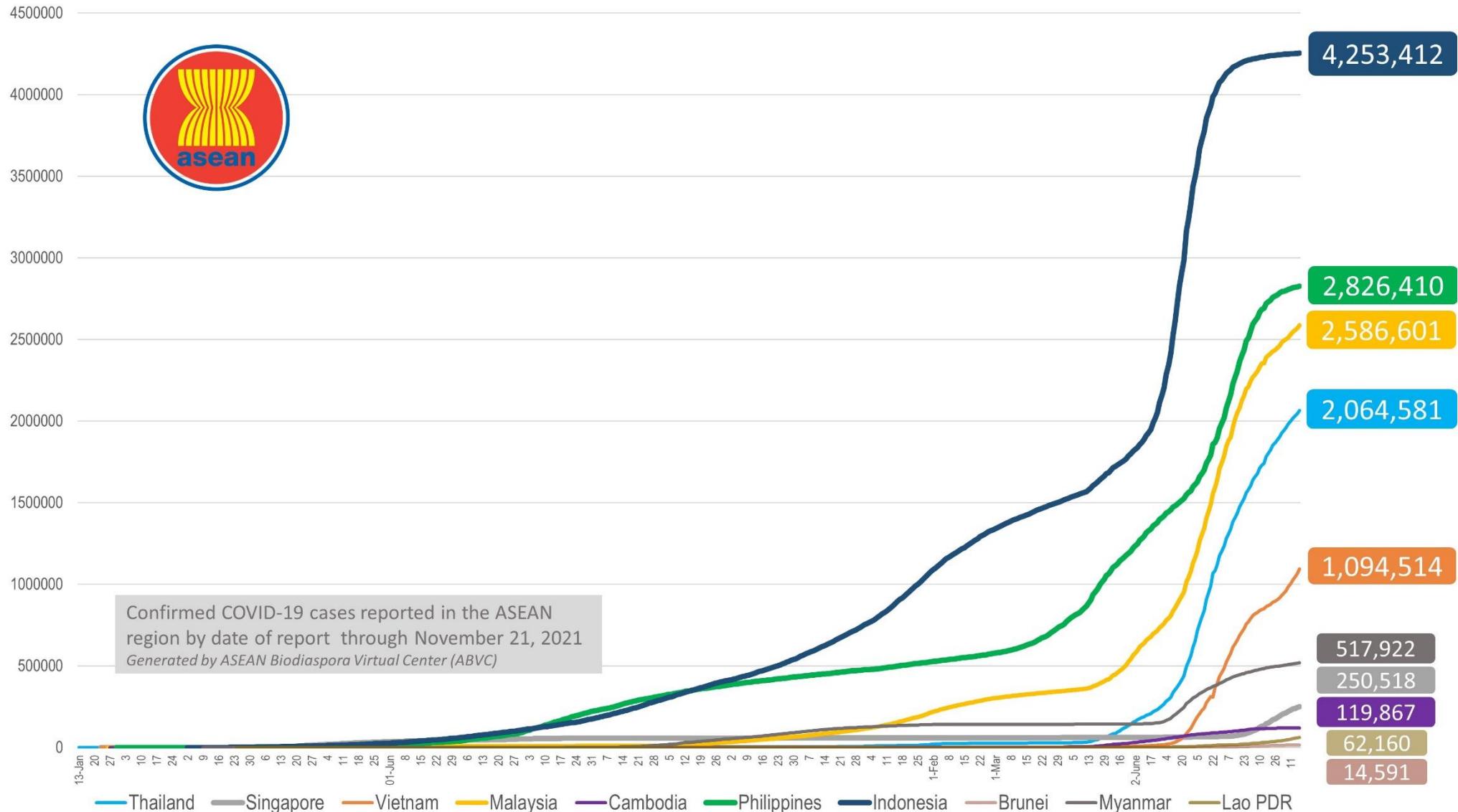
Poland	04 Mar 2020	21-Nov-21	3,345,388	18,924	80,822	41	2.4%	8,810	3,435	20,619,823	20,264,284	53.6			
Faroe Islands	04 Mar 2020	20-Nov-21	3,169	-	12	-	0.4%	6,510		40,205	38,142	77.8			
Bosnia and Herzegovina	05 Mar 2020	19-Nov-21	268,572	-	12,219	-	4.5%	8,136	1,375	833,233	720,641	22.1			
Gibraltar	05 Mar 2020	21-Nov-21	6,920	29	98	-	1.4%	20,534		40,787	39,815	118.2			
Slovakia	06 Mar 2020	21-Nov-21	610,140	7,727	13,861	43	2.3%	11,187	10,247	2,564,688	2,331,006	42.7			
Serbia	06 Mar 2020	21-Nov-21	1,233,057	2,081	11,225	59	0.9%	17,755	2,628	3,234,195	3,080,133	44.8			
Vatican City	06 Mar 2020	17-Oct-20	27	-	-	-	0.0%	2,932							
Malta	07 Mar 2020	21-Nov-21	38,709	122	463	-	1.2%	7,701	4,793	434,315	431,232	83.6			
Moldova	07 Mar 2020	21-Nov-21	358,202	371	8,834	35	2.5%	13,478	5,145	884,590	915,802	22.8			
Bulgaria	08 Mar 2020	20-Nov-21	672,555	-	27,180	-	4.0%	9,641	6,808	1,532,911	1,690,821	24.5			
Albania	09 Mar 2020	20-Nov-21	195,988	-	3,035	-	1.5%	6,867	-	1,055,690	936,539	32.6			
Cyprus	09 Mar 2020	20-Nov-21	129,888	-	590	-	0.5%	10,837	51,949	612,550	576,530	64.3			
Channel Islands	09 Mar 2020	19-Nov-21	2,995	-	23	-	0.8%	4,592		32,969	13,618	21.5			
Jersey	10 Mar 2020	19-Nov-21	12,697	-	80	-	0.6%	13,982		79,346	74,906	74.1			
Kazakhstan	13 Mar 2020	21-Nov-21	963,828	1,047	12,551	14	1.3%	5,206	-	8,620,968	7,929,289	41.7			
Kosovo	13 Mar 2020	21-Nov-21	160,999	7	2,982	1	1.9%	8,973							
Uzbekistan	15 Mar 2020	21-Nov-21	191,334	212	1,375	2	0.7%	570		16,153,695	5,882,086	17.3			
Greenland	16 Mar 2020	19-Nov-21	1,129	-	-	-	0.0%	2,008		40,125	37,258	65.5			
Montenegro	17 Mar 2020	21-Nov-21	154,758	294	2,245	6	1.5%	24,875		269,436	251,325	40.0			
Kyrgyzstan	18 Mar 2020	21-Nov-21	182,833	53	2,723	3	1.5%	2,832		1,071,066	847,420	12.8			
Isle of Man	19 Mar 2020	21-Nov-21	10,610	52	66	-	0.6%	12,544		68,208	64,761	75.8			
Tajikistan	30 Apr 2020	20-Nov-21	17,095	-	124	-	0.7%	183		2,788,171	2,271,153	23.3			
MIDDLE EAST	UAE	29 Jan 2020	21-Nov-21	741,433	63	2,144	-	0.3%	7,588	21,504	9,801,529	8,832,256	88.4		
	Iran	19 Feb 2020	21-Nov-21	6,077,438	4,340	128,956	104	2.1%	7,330	1,564	55,576,533	42,183,468	49.6		
	Israel	21 Feb 2020	21-Nov-21	1,340,435	351	8,176	22	0.6%	14,806	9,835	6,264,267	5,762,489	62.0		
	Lebanon	21 Feb 2020	20-Nov-21	658,467	-	8,635	-	1.3%	9,605	-	1,866,557	1,639,836	24.2		
	Kuwait	24 Feb 2020	21-Nov-21	413,137	17	2,464	-	0.6%	9,820	4,394	1,452,148	923,307	21.3		
	Oman	24 Feb 2020	21-Nov-21	304,492	4	4,113	-	1.4%	6,120		3,089,635	2,733,021	52.3		
	Bahrain	24 Feb 2020	21-Nov-21	277,389	41	1,394	-	0.5%	16,902	10,475	1,185,455	1,152,538	65.9		
	Iraq	24 Feb 2020	21-Nov-21	2,074,419	584	23,665	23	1.1%	5,277	455	6,732,542	4,073,479	9.9		
	Qatar	29 Feb 2020	21-Nov-21	242,087	118	611	-	0.3%	8,548	-	2,360,308	2,218,292	75.7		
	Saudi Arabia	02 Mar 2020	21-Nov-21	549,479	36	8,824	1	1.6%	1,603	1,314	24,492,088	22,192,521	62.8		
	Jordan	02 Mar 2020	21-Nov-21	914,849	3,579	11,361	14	1.2%	9,056	4,387	4,074,863	3,667,344	35.7		

AFRICA	Palestine	05 Mar 2020	21-Nov-21	458,448	175	4,779	5	1.0%	9,785		1,876,152	1,321,529	25.3
	Syria	22 Mar 2020	20-Nov-21	47,091	-	2,699	-	5.7%	276		823,249	722,839	4.0
	Yemen	10 Apr 2020	20-Nov-21	9,955	-	1,938	-	19.5%	34		534,259	349,292	1.2
	Egypt	14 Feb 2020	20-Nov-21	349,513	-	19,872	-	5.7%	348		21,751,641	13,853,984	13.3
	Algeria	25 Feb 2020	21-Nov-21	208,952	113	6,021	4	2.9%	485		6,446,373	4,930,443	11.1
	Nigeria	28 Feb 2020	20-Nov-21	213,532	-	2,973	-	1.4%	106	24	5,947,322	3,306,380	1.6
	Tunisia	02 Mar 2020	20-Nov-21	716,183	-	25,340	-	3.5%	6,124	402	5,880,737	4,830,374	40.5
	Morocco	02 Mar 2020	21-Nov-21	948,923	93	14,761	-	1.6%	2,602	351	24,477,239	22,587,253	60.5
	Senegal	02 Mar 2020	21-Nov-21	73,968	3	1,883	-	2.5%	454	79	1,281,042	879,073	5.1
	South Africa	05 Mar 2020	21-Nov-21	2,929,862	687	89,574	2	3.1%	5,003	527	16,550,176	13,758,743	22.9
	Cameroon	06 Mar 2020	11-Nov-21	106,190	-	1,770	-	1.7%	410		502,131	259,968	1.0
	Togo	06 Mar 2020	20-Nov-21	26,205	-	243	-	0.9%	324	143	971,322	482,248	5.7
	Burkina Faso	09 Mar 2020	16-Nov-21	15,514	-	265	-	1.7%	76		364,565	297,231	1.4
	Democratic Republic of Congo	10 Mar 2020	19-Nov-21	57,880	-	1,104	-	1.9%	67		120,818	45,570	0.1
	Ivory Coast	11 Mar 2020	20-Nov-21	61,577	-	702	-	1.1%	239	87	2,669,432	1,176,366	4.4
	Reunion	11 Mar 2020	16-Nov-21	57,173	-	379	-	0.7%	7,359				
	Ghana	13 Mar 2020	12-Nov-21	130,727	-	1,207	-	0.9%	430	-	2,527,761	839,770	2.7
	Guinea	13 Mar 2020	09-Nov-21	30,715	-	387	-	1.3%	241		1,588,076	776,215	5.8
	Gabon	13 Mar 2020	20-Nov-21	37,045	-	273	-	0.7%	1,705	1,544	148,798	108,176	4.8
	Sudan	13 Mar 2020	24-Oct-21	40,433	-	3,099	-	7.7%	94		1,154,253	581,846	1.3
	Kenya	13 Mar 2020	21-Nov-21	254,710	22	5,328	3	2.1%	484	-	3,963,035	2,348,714	4.3
	Ethiopia	13 Mar 2020	21-Nov-21	370,200	155	6,682	10	1.8%	330	45	3,752,669	1,398,856	1.2
	Central African Republic	14 Mar 2020	12-Nov-21	11,666	-	101	-	0.9%	246		362,174	321,858	6.5
	Seychelles	14 Mar 2020	18-Nov-21	22,831	-	125	-	0.5%	23,386		81,669	77,467	78.3
	Rwanda	14 Mar 2020	21-Nov-21	100,217	10	1,340	-	1.3%	794	1,098	5,227,250	2,857,430	21.5
	Namibia	14 Mar 2020	18-Nov-21	129,076	-	3,567	-	2.8%	5,174	551	346,454	283,758	11.0
	Swaziland	14 Mar 2020	21-Nov-21	46,487	1	1,248	-	2.7%	4,049		259,022	249,607	21.3
	Mauritania	14 Mar 2020	20-Nov-21	38,583	-	816	-	2.1%	853	-	1,046,262	668,858	14.0
	Mayotte	14 Mar 2020	19-Nov-21	20,860	-	185	-	0.9%	13,116				
	Equatorial Guinea	15 Mar 2020	20-Nov-21	13,538	-	170	-	1.3%	998	656	246,407	196,448	13.6
	Republic of Congo	15 Mar 2020	19-Nov-21	18,717	-	339	-	1.8%	348		464,855	126,867	2.2
	Benin	16 Mar 2020	18-Nov-21	24,846	-	161	-	0.6%	211	-	304,596	265,501	2.1
	Liberia	16 Mar 2020	12-Nov-21	5,818	-	287	-	4.9%	118		494,052	456,623	8.8
	Tanzania	16 Mar 2020	17-Nov-21	26,227	-	727	-	2.8%	45		885,579	965,778	1.6
	Somalia	16 Mar 2020	19-Nov-21	22,969	-	1,324	-	5.8%	149		589,128	564,612	3.5
	Gambia	17 Mar 2020	13-Nov-21	9,986	-	341	-	3.4%	425	66	236,470	222,526	9.0
	Zambia	17 Mar 2020	21-Nov-21	210,070	13	3,667	-	1.7%	1,176	261	806,611	628,655	3.3

Mauritius	18 Mar 2020	10-Nov-21	18,979	-	240	-	1.3%	1,499		913,744	878,510	69.0
Djibouti	18 Mar 2020	19-Nov-21	13,501	-	186	-	1.4%	1,387		70,081	26,087	2.6
Niger	19 Mar 2020	19-Nov-21	6,793	-	238	-	3.5%	29		506,083	456,958	1.8
Chad	19 Mar 2020	01-Nov-21	5,105	-	175	-	3.4%	32		175,171	67,080	0.4
Zimbabwe	20 Mar 2020	20-Nov-21	133,638	-	4,699	-	3.5%	912	215	3,651,820	2,744,192	18.2
Cape Verde	20 Mar 2020	20-Nov-21	38,324	-	350	-	0.9%	6,969		295,571	231,320	41.2
Madagascar	20 Mar 2020	10-Nov-21	43,672	-	964	-	2.2%	162	-	455,028	406,159	1.4
Uganda	21 Mar 2020	17-Nov-21	127,128	-	3,247	-	2.6%	287	117	3,838,439	912,983	1.9
Eritrea	21 Mar 2020	21-Nov-21	7,175	19	54	-	0.8%	202				
Angola	21 Mar 2020	20-Nov-21	65,011	-	1,730	-	2.7%	204		5,950,213	2,281,768	6.7
Mozambique	22 Mar 2020	20-Nov-21	151,488	-	1,936	-	1.3%	499	-	5,919,277	2,971,969	9.2
Libya	24 Mar 2020	21-Nov-21	367,811	593	5,380	15	1.5%	5,427		1,621,018	557,566	8.0
Guinea-Bissau	25 Mar 2020	17-Nov-21	6,434	-	146	-	2.3%	335		314,543	17,954	0.9
Mali	25 Mar 2020	21-Nov-21	16,946	27	592	1	3.5%	86		324,713	271,722	1.3
Botswana	30 Mar 2020	18-Nov-21	194,445	-	2,416	-	1.2%	8,441	-	836,794	417,445	17.4
Sierra Leone	31 Mar 2020	03-Oct-21	6,396	-	121	-	1.9%	82		603,654	302,686	3.7
Burundi	31 Mar 2020	18-Nov-21	20,332	-	14	-	0.1%	176		871	395	-
Malawi	02 Apr 2020	20-Nov-21	61,863	-	2,304	-	3.7%	332	-	1,056,988	582,261	3.0
South Sudan	05 Apr 2020	19-Nov-21	12,638	-	133	-	1.1%	114	-	84,839	66,406	0.6
Sao Tome and Principe	06 Apr 2020	14-Nov-21	3,731	-	56	-	1.5%	1,735		81,125	28,561	12.8
Comoros	30 Apr 2020	21-Nov-21	4,450	10	150	-	3.4%	523		278,152	198,198	22.3
Lesotho	13May 2020	20-Nov-21	21,729	-	661	-	3.0%	1,022		347,836	339,506	15.7
			244,277,211	330,224	4,880,670	3,497	2.0%					

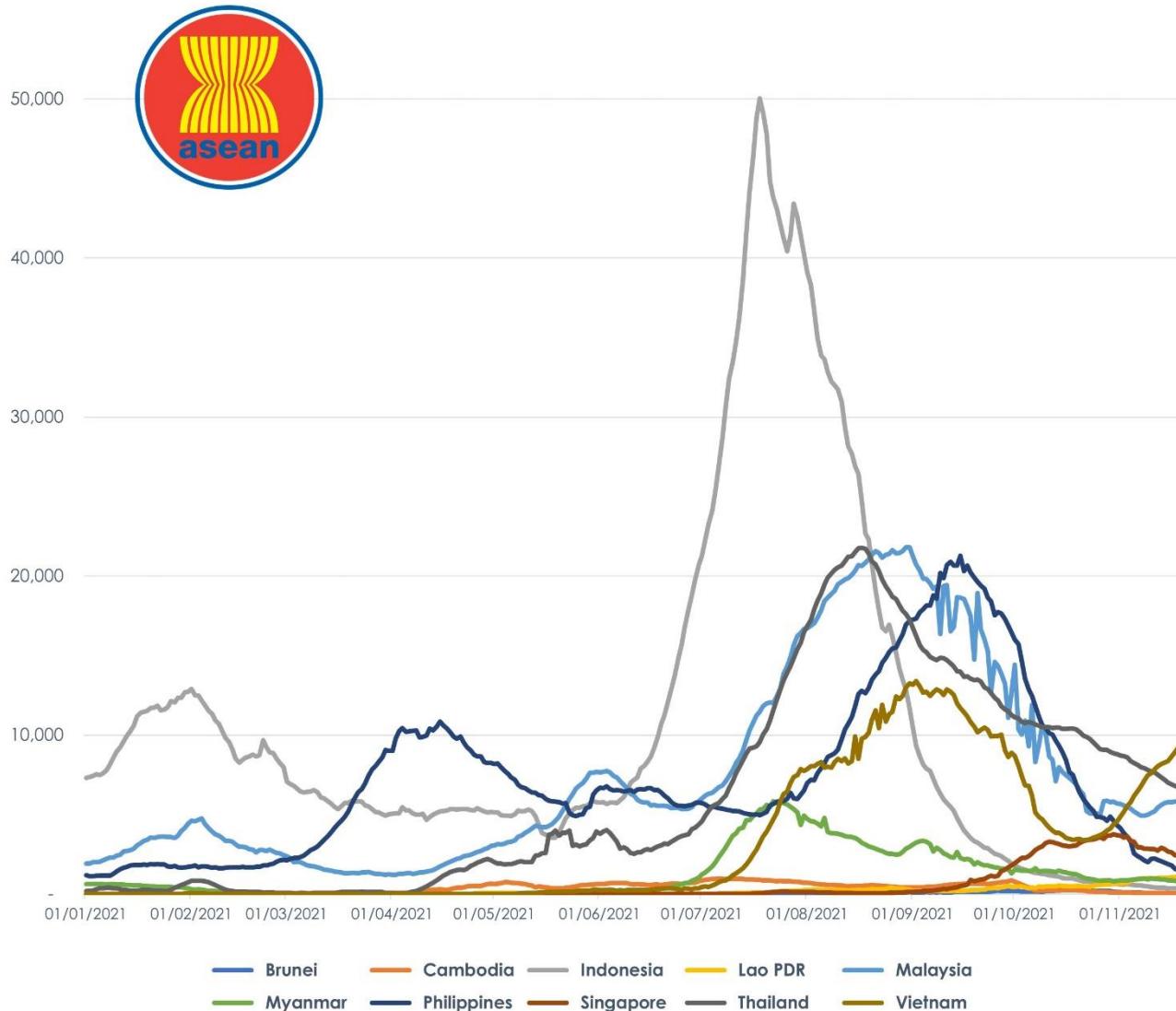
COVID-19 Epi curve among ASEAN Countries

as of 21 November 2021



7-Day Rolling Average of COVID-19 new cases

as of 21 November 2021

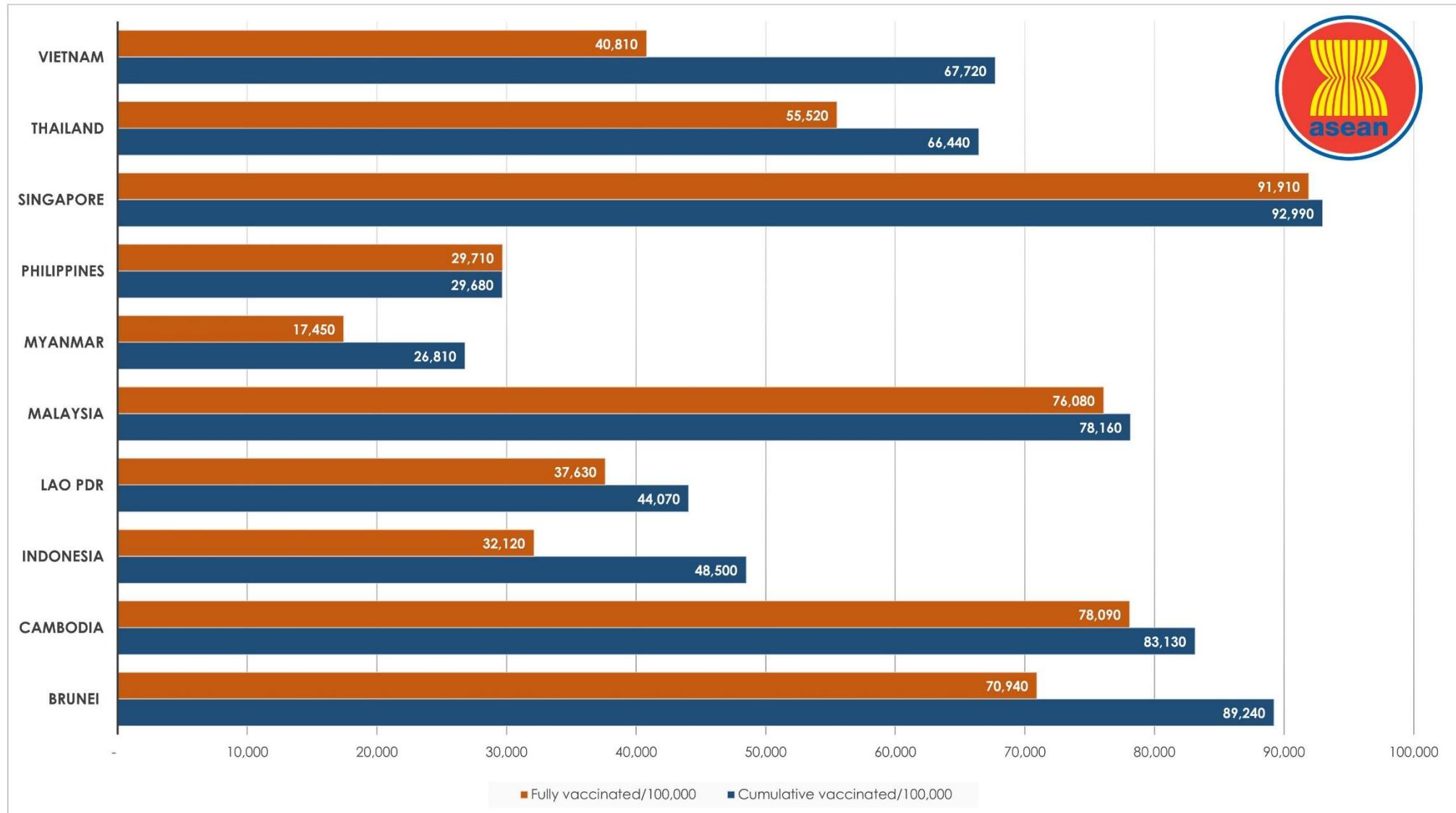


ASEAN Country	New Cases Rate of Change 7-Day Window*	P-value
Brunei	-1.367	0.167
Cambodia	-2.291	0
Indonesia	-2.041	0.049
Lao PDR	20.051	0.002
Malaysia	-5.352	0.152
Myanmar	-39.551	0
Philippines	-96.454	0
Singapore	-91.719	0
Thailand	-71.122	0
Vietnam	217.633	0

*Beta coefficient of linear line of best fit; equal to the rate of change in the 7-day rolling average of new cases over the past 7 days (as of November 21, 2021)

COVID-19 Vaccination Status

as of 21 November 2021



Note on Philippine data: Cumulative people vaccinated has not been updated by the source since November 5, 2021.

Outlook Assessment

as of 19 November 2021

ASEAN MEMBER STATE	REQUIREMENT							
	% of High risk population with one dose	Population vaccinated/day (7-day average)	% of Total population with one dose	Completion date (moderate case scenario)	Daily cases/100,000	Test positivity last 14 days	Containment and health index score -Oxford COVID-19 Government Response Tracker (OxCGRT)	Change over the past 30 days
Brunei	>90.0	0%/day	89.5	0.73%/day	8.97	Unknown	82.1/100	0.0
Cambodia	>90.0	0%/day	89.5	0.05%/day	0.30	Unknown	60.4/100	-9.8
Indonesia	>90.0	0%/day	51.9	0.24%/day	0.14	Unknown	56.6/100	0.0
Lao PDR	>90.0	0%/day	48.4	unknown	13.33	27.6	71.2/100	-0.3
Malaysia	>90.0	0%/day	80.3	0.02%/day	18.15	4.3	62.5/100	0.0
Myanmar	66.7	unknown-	28.5	Unknown	1.28	unknown	81.9/100	+8.9
Philippines	>90.0	0%/day	33.7	unknown	1.24	4.9	81.3/100	0.0
Singapore	>90.0	0%/day	>90.3	unknown	38.6	16.7	64.3/100	-4.2
Thailand	>90.0	0%/day	67.8	0.27%/day	9.49	16.8	64.9/100	-3.6
Vietnam	>90.0	0%/day	71.3	0.39%/day	9.82	5.7	74.7/100	+6.5

