

# COVID-19 Situational Report in the ASEAN Region

ASEAN Biodiaspora Virtual Center (ABVC)

as of September 27, 2021



# COVID-19: Highlights and Situation Overview

## Global Update

- Worldwide, there have been over 232 million cases and over 4 million deaths attributed to COVID-19.
- The World Health Organization (WHO) reported that as of September 21, all regions reported a substantial decline in weekly new cases. Globally, there were a total of only 3.6 million (10% decline) new COVID-19 cases and 60,000 (3.2% decline) new deaths reported between September 13 to 19. Unlike last week, the number of new deaths in the African and European regions remained consistent. The other regions continued to report a decline in new deaths, with the largest decrease (27%) being in South-East Asia. Only the Western Pacific region had an increase of 7% in new deaths over the past week. Based on the BlueDot COVID-19 Data Suite, as of September 23, the top five countries with the highest seven-day rolling average number of daily new cases are the United States, United Kingdom, Brazil, India, and Turkey. The top five countries with the highest seven-day rolling average number of daily new cases per million population are Bermuda, Grenada, New Caledonia, Serbia, and Mongolia. As of September 23, North and Central America remains the region with the largest proportion of countries (27%, or 11 out of 41) with a high incidence rate (>350 cases per 100,000 over the past 14 days) and a stable or increasing trend in daily new cases over the last seven days. Europe has the highest proportion of countries (16%, or eight out of 51) with a low ( $\leq 140$  cases) to moderate (140.1 - 350 cases) incidence rate and an increasing trend in new cases over the last seven days. Africa is the continent with the highest proportion of countries (66%, or 37 out of 56) reporting a low incidence rate ( $\leq 140$  cases) with a stable or decreasing trend in new cases, followed closely again by South America (64%, nine out of 14).
- On September 18, media sources reported the identification of a new Delta variant in the United Kingdom (UK) that contains the E484K mutation, which was first detected in UK sequences on July 22, 2021. The E484K mutation was first identified in the Beta variant (first detected in South Africa) and the presence of this mutation in the SARS-CoV-2 virus may have an impact on the body's immune response to the virus and, possibly, vaccine effectiveness. Currently, the Delta virus with the E484K mutation is not yet classified as either a Variant Under Investigation or a Variant of Concern. Due to the properties associated with the E484K mutation, Public Health England (PHE) has classified it as a "signal under investigation". According to PHE's latest technical briefing on Delta, the E484K mutation is "potentially antigenically significant" in that it could make the Delta variant more resistant to current vaccines. Currently, available vaccines offer strong protection against the Delta variant, and while this mutation may decrease their level of protection, it is not expected to make them ineffective. As of September 13, 19 cases of Delta with the E484K mutation have been identified in the UK: 17 in England and two in Scotland. Three of the 17 cases reported in England have been linked to travel through Latvia and Nigeria. As of September 13, internationally, a total of 99 cases of Delta with the E484K mutation have been identified, with 25 in the United States, 22 in Denmark, 21 in Turkey, six in Italy, and three in Germany. While the prevalence of the Delta variant with the E484K mutation remains low, scientists have expressed concerns that the combination of the highly transmissible properties of the Delta variant with an immune escape mutation could pose a threat to vaccines in the future.

## Regional Update

- Malaysia's Ministry of Health reported that a total of 472 COVID-19 cases sequenced between September 13 and 25 nationwide were found to be a Delta variant. It also revealed the bulk of the cases were found in Sarawak with 302 out of the cases sequenced. This was followed by Selangor which recorded 54 Delta cases, Sabah 25 and Penang 23, while the Delta variant were also found in cases in Johor,

Kuala Lumpur, Perlis, Terengganu, Kedah, Negri Sembilan, Melaka, Putrajaya and Kelantan. It was also revealed that three cases of Beta, another Variant of Concern (VOC), were also detected nationwide during the same period. Two cases of the Beta variant were detected in Sabah and one case was found in Penang. Meanwhile, two localities in Pahang involving Kampung Orang Asli Sungai Mai, Jerantut and Kampung Inoi, Rompin (Orang Asli Pinggiran village) will be come under enhanced movement control order (EMCO) starting from September 28 (Tuesday) until October 11. National Security Council (MKN) director-general said that the decision was made after evaluating the COVID-19 infection risks and trends in the localities tabled by the Health Ministry.

- Philippines' authority announced on September 27 (Monday) that at least 294 areas in the National Capital Region are under granular lockdown. The small-scale lockdowns, aimed to prevent the transmission of COVID-19 while opening the economy, were recorded in 151 barangays in 10 cities as of September 26 (Sunday). In addition, Metro Manila will be under general community quarantine with Alert Level 4 until September 30 and that granular lockdowns are implemented in special areas of concern.

### **Vaccine Update**

- A total of 10 countries account for 70% of all vaccinations administered globally as of September 23. The top five countries/territories with the highest number of cumulative people vaccinated with at least one dose per 100,000 population are Gibraltar (118,350), Palau (98,330), United Arab Emirates (91,670), Portugal (87,590), and Cayman Islands (82,400). Conversely, the top five countries with the lowest number of cumulative people vaccinated with at least one dose per 100,000 population are the Democratic Republic of the Congo (100), Haiti (370), Tanzania (570), Chad (580), and South Sudan (610).
- Malaysia's Special Committee on COVID-19 Vaccine Supply (JKJAV) that total of 19,633,681 individuals or 83.1% of the adult population in the country has been fully vaccinated against COVID-19 while 93.7% of Malaysia's adult population or 22,834,060 people received at least one dose of a COVID-19 vaccine as of Sunday (September 26). Based on the Health Ministry's data on its CovidNow website, a total of 269,465 doses of the vaccine were administered on Sunday wherein 117,196 of which were for first-dose recipients and 152,269 others were second-dose recipients. In addition, more than half or 50.5% of the adolescents aged 12 to 17 years in Sabah had received the first dose of COVID-19 vaccine as of September 26.
- Thailand received 300,000 doses of AstraZeneca vaccines on September 26 (Sunday) from Japan. This is the third donation the Japanese government has made to help Thailand in its battle against the COVID-19 pandemic. In July, Japanese officials made a donation of 1.05 million AstraZeneca vaccines that Thailand had requested be used to inoculate elderly people that are at high risk in Bangkok. At the beginning of this month, Japan made a second donation of 300,000 vaccines on September 8, along with 775 oxygen concentrators needed to care for severe COVID-19 infections. Japan also donated equipment to help the cold chain system that keeps vaccines at very low temperatures during storage, transportation, and distribution. Their donation of another 300,000 vaccines that arrived on Sunday brings the total to 1.65 million AstraZeneca vaccines that the Japanese government has donated to help Thailand inoculate its citizens to protect from COVID-19. Over 50 million Covid vaccines have been administered in Thailand after a record-setting 1.4 million doses administered on September 24.

### **Travel Advisories** (new update/s)

- Thailand: Thailand will waive its mandatory quarantine requirement in Bangkok and nine regions starting November 1 to vaccinated arrivals as the country tries to boost its immunization rate and revive its battered tourism sector. The regions include popular tourist areas

Chiang Mai, Phangnga, Krabi, Hua Hin, Pattaya, and Cha-am, and follow the successful reopening of Phuket and Samui islands to vaccinated people in pilot schemes since July. Authorities will also reduce the quarantine time nationwide for visitors arriving from October 1, the COVID-19 task force said, halving it to seven days for vaccinated arrivals, and cutting it to 10 days for those not inoculated. It will also further ease restrictions from Friday in 29 “dark red” provinces under maximum control, including Bangkok.

- Malaysia: Interstate travel will likely be allowed during the first half of October according to the National Recovery Council's Chairman.

### Cases and Deaths as of 27 September 2021

- As of 27 September 2021 (2PM, GMT+8), worldwide, there were **232,973,094** confirmed cases, including **4,767,618** deaths. Globally, Case Fatality Rate (CFR) was **2.0**.
- In **China**, there were **124,464** confirmed cases with **5,690** deaths, including deaths in Hong Kong (213) and Taiwan (841). Confirmed cases in China include confirmed cases in Hong Kong (12,194), Macau (63), and Taiwan (16,189). CFR was **4.6**.
- **11,896,986 confirmed cases** of COVID-19 have been reported in the ASEAN region with a total of **259,060 deaths**, with a CFR of **2.2**.

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	26-Sep-21	6,540	254 (213)	37	-(2)	0.6%	1,509		262,982	169,900	38.5
	Cambodia	27-Jan-20	26-Sep-21	109,087	830 (713)	2,243	25 (19)	2.1%	662	-	12,950,149	10,774,063	63.6
	Indonesia	02-Mar-20	26-Sep-21	4,208,013	1,760 (2,464)	141,467	86 (143)	3.4%	1,555	722	85,433,518	47,996,105	17.4
	Lao PDR	24-Mar-20	26-Sep-21	21,819	292 (376)	16	-	0.1%	304	721	2,799,549	1,909,360	25.9
	Malaysia	25-Jan-20	26-Sep-21	2,198,235	13,104 (14,344)	25,437	278 (285)	1.2%	6,880	-	22,717,042	19,481,412	59.4
	Myanmar	23-Mar-20	26-Sep-21	458,154	1,534 (1,654)	17,527	62 (65)	3.8%	848	432	5,530,365	3,471,251	6.3
	Philippines	30-Jan-20	26-Sep-21	2,490,858	20,623 (17,730)	37,405	-(88)	1.5%	2,304	669	25,195,827	19,671,725	17.7
	Singapore	23-Jan-20	26-Sep-21	85,953	1,443 (1,164)	76	3 (2)	0.1%	1,507	15,964	4,677,703	4,566,329	77.4
	Thailand	13-Jan-20	26-Sep-21	1,561,638	12,353 (12,166)	16,268	125 (129)	1.0%	2,243	468	29,501,110	15,899,158	22.7
	Vietnam	23-Jan-20	26-Sep-21	756,689	10,011 (9,947)	18,584	184 (213)	2.5%	784	2,796	30,027,703	7,555,545	7.7
				<b>11,896,986</b>	<b>62,204</b>	<b>259,060</b>	<b>763</b>	<b>2.2%</b>					

- **220,951,644 confirmed cases** of COVID-19 have been reported in **222 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	26-Sep-21	1,695,818	2,134	17,417	20	1.0%	1,343	747	85,829,323	70,730,572	56.1
	South Korea	20 Jan 2020	26-Sep-21	301,172	2,770	2,450	9	0.8%	582	769	37,749,854	22,997,770	44.8

<b>Nepal</b>	24 Jan 2020	26-Sep-21	791,392	730	11,096	9	1.4%	2,766	399	6,528,392	6,014,941	20.3
<b>Australia</b>	25 Jan 2020	26-Sep-21	97,550	1,743	1,231	11	1.3%	380	9,438	15,919,052	10,522,536	40.8
<b>Sri Lanka</b>	27 Jan 2020	26-Sep-21	513,609	1,078	12,680	71	2.5%	2,356	463	14,302,376	11,511,115	53.6
<b>India</b>	30 Jan 2020	26-Sep-21	33,678,243	26,998	447,225	276	1.3%	2,465	1,327	629,574,531	222,582,168	16.0
<b>Afghanistan</b>	24 Feb 2020	25-Sep-21	155,132	-	7,198	-	4.6%	408		773,002	430,744	1.1
<b>Pakistan</b>	26 Feb 2020	26-Sep-21	1,238,668	1,780	27,566	42	2.2%	572	293	56,229,457	25,493,964	11.3
<b>New Zealand</b>	28 Feb 2020	26-Sep-21	4,183	21	27	-	0.6%	85	3,287	3,192,380	1,725,151	35.5
<b>Bhutan</b>	05 Mar 2020	21-Sep-21	2,599	-	3	-	0.1%	341	2,437	574,135	494,279	63.4
<b>Maldives</b>	07 Mar 2020	25-Sep-21	84,290	-	231	-	0.3%	15,875	9,639	391,309	333,662	61.4
<b>Bangladesh</b>	08 Mar 2020	26-Sep-21	1,551,351	980	27,414	21	1.8%	951	183	23,783,472	15,855,476	9.5
<b>Mongolia</b>	10 Mar 2020	26-Sep-21	294,775	2,184	1,206	17	0.4%	9,140	7,097	2,250,137	2,126,240	63.9
<b>Turkey</b>	10 Mar 2020	26-Sep-21	7,039,500	25,861	63,166	228	0.9%	8,438	4,510	53,390,829	43,439,793	51.1
<b>French Polynesia</b>	12 Mar 2020	24-Sep-21	46,121	-	611	-	1.3%	16,514		150,277	131,903	46.7
<b>Guam</b>	15 Mar 2020	25-Sep-21	14,279	-	184	-	1.3%	8,535		126,713	111,806	67.5
<b>New Caledonia</b>	17 Mar 2020	26-Sep-21	6,185	226	83	11	1.3%	2,149		127,322	79,462	27.6
<b>Fiji</b>	18 Mar 2020	26-Sep-21	50,755	54	590	-	1.2%	5,703	-	587,948	387,320	42.9
<b>Papua New Guinea</b>	21 Mar 2020	24-Sep-21	19,278	-	225	-	1.2%	220	-	114,419	40,291	0.4
<b>Timor Leste</b>	21 Mar 2020	26-Sep-21	19,382	32	113	-	0.6%	1,499	-	424,568	251,323	18.7
<b>Northern Mariana Islands</b>	28 Mar 2020	28-May-21	183	-	2	-	1.1%	320		35,661	33,982	59.7
<b>North Korea</b>	24 Jul 2020	25-Jul-20	1	-	-	-	0.0%	0				
<b>Solomon Islands</b>	03 Oct 2020	16-Apr-21	20	-	-	-	0.0%	3		74,573	23,171	3.3
<b>Wallis et Futuna</b>	17 Oct 2020	06-May-21	445	-	7	-	1.6%	2,777		5,215	5,016	45.2
<b>Marshall Islands</b>	26 Oct 2020	17-Nov-20	4	-	-	-	0.0%	7		22,557	19,622	33.6
<b>Vanuatu</b>	11 Nov 2020	21-Apr-21	4	-	1	-	25.0%	1		42,840	14,344	4.6
<b>Samoa</b>	18 Nov 2020	12-Feb-21	3	-	-	-	0.0%	2		99,163	50,268	25.1
<b>Micronesia</b>	11 Jan 2021	11-Jan-21	1	-	-	-	0.0%	1		44,236	37,954	36.6

	<b>Palau</b>	31 May 2021	16-Sep-21	5	-	-	-	0.0%	28		17,670	15,503	86.6
<b>AMERICAS</b>	<b>USA</b>	21 Jan 2020	26-Sep-21	43,732,341	6,737	706,085	27	1.6%	13,323	3,218	213,177,462	183,353,326	54.5
	<b>Canada</b>	25 Jan 2020	26-Sep-21	1,601,407	1,321	27,645	10	1.7%	4,214	2,801	29,027,807	26,715,928	70.2
	<b>Brazil</b>	26 Feb 2020	25-Sep-21	21,358,131	-	594,455	-	2.8%	10,086	-	148,959,378	86,085,238	40.2
	<b>Mexico</b>	28 Feb 2020	25-Sep-21	3,628,812	-	275,299	-	7.6%	2,844	153	63,317,849	44,278,675	34.0
	<b>Saint Martin</b>	01 Mar 2020	24-Sep-21	3,727	-	55	-	1.5%	9,807				
	<b>Ecuador</b>	01 Mar 2020	23-Sep-21	507,858	-	32,720	-	6.4%	2,923	76	11,077,714	9,847,355	55.1
	<b>Dominican Republic</b>	01 Mar 2020	26-Sep-21	357,149	215	4,039	4	1.1%	3,326	340	6,027,322	4,862,748	44.4
	<b>Chile</b>	03 Mar 2020	26-Sep-21	1,651,750	765	37,440	8	2.3%	8,715	2,530	14,980,956	14,093,250	73.4
	<b>Argentina</b>	03 Mar 2020	26-Sep-21	5,250,402	562	114,862	13	2.2%	11,683	373	29,398,567	21,216,344	46.5
	<b>Peru</b>	05 Mar 2020	25-Sep-21	2,172,261	-	199,228	-	9.2%	6,682	232	14,795,237	9,647,781	28.9
	<b>Costa Rica</b>	06 Mar 2020	24-Sep-21	521,182	-	6,189	-	1.2%	10,325	864	3,274,461	2,003,946	39.0
	<b>Colombia</b>	06 Mar 2020	26-Sep-21	4,951,675	1,422	126,145	43	2.5%	9,837	978	25,662,320	16,423,702	32.0
	<b>French Guiana</b>	06 Mar 2020	24-Sep-21	39,790	-	256	-	0.6%	20,352				
	<b>Martinique</b>	06 Mar 2020	21-Sep-21	40,545	-	582	-	1.4%	9,366				
	<b>Paraguay</b>	07 Mar 2020	25-Sep-21	459,804	-	16,142	-	3.5%	6,527	338	2,621,847	1,866,306	25.9
	<b>Panama</b>	10 Mar 2020	25-Sep-21	465,993	-	7,201	-	1.5%	10,974	1,837	2,915,017	2,207,676	50.4
	<b>Bolivia</b>	10 Mar 2020	25-Sep-21	498,790	-	18,698	-	3.7%	4,332	488	4,202,768	3,083,818	26.1
	<b>Honduras</b>	11 Mar 2020	24-Sep-21	363,017	-	9,679	-	2.7%	3,725		3,207,579	1,988,868	19.8
	<b>Cuba</b>	11 Mar 2020	26-Sep-21	854,167	6,673	7,227	64	0.8%	7,537	-	8,815,520	4,862,226	43.0
	<b>Guyana</b>	11 Mar 2020	25-Sep-21	30,907	-	754	-	2.4%	3,948		351,981	181,862	23.0
<b>Jamaica</b>	12 Mar 2020	25-Sep-21	82,349	-	1,824	-	2.2%	2,793	573	518,836	220,722	7.4	
<b>St Vincent and the Grenadines</b>	12 Mar 2020	24-Sep-21	3,247	-	17	-	0.5%	2,936		19,984	13,093	11.8	
<b>Saint Lucia</b>	13 Mar 2020	25-Sep-21	11,144	-	185	-	1.7%	6,097		44,872	30,955	16.8	
<b>Trinidad and Tobago</b>	13 Mar 2020	25-Sep-21	49,822	-	1,451	-	2.9%	3,572	575	565,940	475,896	33.9	
<b>Venezuela</b>	13 Mar 2020	25-Sep-21	362,040	-	4,395	-	1.2%	1,270		8,800,000	5,250,000	18.3	
<b>Guatemala</b>	13 Mar 2020	26-Sep-21	549,560	956	13,375	44	2.4%	3,310	780	4,348,674	2,259,308	12.4	
<b>Uruguay</b>	13 Mar 2020	25-Sep-21	388,424	-	6,052	-	1.6%	11,221	2,970	2,727,819	2,562,679	73.5	
<b>Curacao</b>	13 Mar 2020	26-Sep-21	16,373	34	160	-	1.0%	10,393		97,724	89,069	54.1	
<b>Puerto Rico</b>	13 Mar 2020	25-Sep-21	180,346	-	3,127	-	1.7%	5,647		2,521,391	2,231,581	69.9	

<b>Suriname</b>	13 Mar 2020	25-Sep-21	39,908	-	845	-	2.1%	6,864		224,646	167,339	28.3
<b>Antigua and Barbuda</b>	13 Mar 2020	25-Sep-21	2,923	-	64	-	2.2%	3,010	-	45,099	36,816	37.3
<b>Guadeloupe</b>	13 Mar 2020	22-Sep-21	53,140	-	690	-	1.3%	11,995				
<b>Cayman Islands</b>	13 Mar 2020	24-Sep-21	795	-	2	-	0.3%	1,224		54,890	54,890	82.5
<b>Aruba</b>	14 Mar 2020	25-Sep-21	15,405	-	165	-	1.1%	14,490		81,124	74,485	69.5
<b>Bahamas</b>	15 Mar 2020	23-Sep-21	20,603	-	522	-	2.5%	5,290		114,333	70,128	17.7
<b>US Virgin Islands</b>	16 Mar 2020	25-Sep-21	6,631	-	69	-	1.0%	6,219		53,429	46,192	44.1
<b>Sint Maarten</b>	17 Mar 2020	25-Sep-21	4,213	-	63	-	1.5%	10,343		25,672	23,487	54.1
<b>Montserrat</b>	17 Mar 2020	19-Sep-21	33	-	1	-	3.0%	353		1,472	1,384	27.8
<b>Barbados</b>	17 Mar 2020	25-Sep-21	7,401	-	64	-	0.9%	2,579		130,046	100,802	35.0
<b>El Salvador</b>	18 Mar 2020	25-Sep-21	102,024	-	3,185	-	3.1%	1,581	-	4,007,200	3,290,794	50.5
<b>Nicaragua</b>	18 Mar 2020	21-Sep-21	13,730	-	203	-	1.5%	210		502,324	286,178	4.3
<b>Bermuda</b>	18 Mar 2020	24-Sep-21	4,982	-	52	-	1.0%	7,794		43,855	42,821	69.0
<b>Haiti</b>	19 Mar 2020	24-Sep-21	21,540	-	610	-	2.8%	191		42,899	18,987	0.2
<b>Dominica</b>	22 Mar 2020	22-Sep-21	3,197	-	13	-	0.4%	4,452		23,615	21,009	29.1
<b>Grenada</b>	22 Mar 2020	25-Sep-21	4,829	-	116	-	2.4%	4,311		30,783	20,827	18.4
<b>Belize</b>	23 Mar 2020	24-Sep-21	19,600	-	402	-	2.1%	5,021	1,563	187,270	111,073	27.4
<b>Turks and Caicos Islands</b>	23 Mar 2020	24-Sep-21	2,830	-	22	-	0.8%	7,410		27,446	24,928	63.6
<b>Saint Kitts and Nevis</b>	24 Mar 2020	24-Sep-21	1,835	-	10	-	0.5%	3,474	3,943	25,178	21,920	40.9
<b>British Virgin Islands</b>	25 Mar 2020	08-Sep-21	2,642	-	37	-	1.4%	8,798		18,405	13,824	45.4
<b>Anguilla</b>	26 Mar 2020	24-Sep-21	364	-	1	-	0.3%	2,746		9,498	9,086	60.1
<b>Caribbean Netherlands</b>	01 Apr 2020	25-Sep-21	2,010	-	19	-	0.9%	11,159		19,109	16,736	63.3
<b>Falkland Islands</b>	03 Apr 2020	01-Sep-21	67	-	-	-	0.0%	2,540		2,632	1,775	50.3
<b>Saint Pierre and Miquelon</b>	05 Apr 2020	02-Sep-21	31	-	-	-	0.0%	442				
<b>Saint Barthelemy</b>	25 Jul 2020	24-Sep-21	1,565	-	3	-	0.2%	18,521				
<b>EUROPE</b>												
<b>France</b>	24 Jan 2020	26-Sep-21	6,994,319	4,706	116,463	14	1.7%	10,430		50,069,397	43,892,734	65.0
<b>Germany</b>	27 Jan 2020	26-Sep-21	4,221,563	8,349	93,979	21	2.2%	5,078	1,156	56,279,314	53,134,571	63.3
<b>Finland</b>	29 Jan 2020	26-Sep-21	139,405	-	1,062	-	0.8%	2,525	2,313	4,121,156	3,369,044	60.7

<b>Italy</b>	30 Jan 2020	26-Sep-21	4,660,314	3,099	130,697	44	2.8%	7,729	5,031	44,817,914	40,467,497	67.0
<b>Russian Federation</b>	31 Jan 2020	26-Sep-21	7,420,913	22,498	203,900	805	2.7%	5,140	4,489	47,547,409	41,657,347	28.6
<b>Spain</b>	31 Jan 2020	24-Sep-21	4,946,601	-	86,229	-	1.7%	10,508	1,243	37,571,186	36,335,711	77.7
<b>Sweden</b>	31 Jan 2020	24-Sep-21	1,149,407	-	14,781	-	1.3%	11,175		7,123,838	6,481,560	63.8
<b>United Kingdom of Great Britain</b>	31 Jan 2020	26-Sep-21	7,664,230	31,877	136,168	58	1.8%	11,467	14,345	48,699,874	44,692,956	65.5
<b>Belgium</b>	05 Feb 2020	25-Sep-21	1,233,723	-	25,554	-	2.1%	10,743	4,275	8,552,077	8,355,805	71.8
<b>Switzerland</b>	25 Feb 2020	24-Sep-21	833,383	-	11,052	-	1.3%	9,719	4,285	5,447,361	4,695,201	53.9
<b>Austria</b>	25 Feb 2020	26-Sep-21	735,890	1,588	10,969	8	1.5%	8,290	39,762	5,700,529	5,383,037	59.5
<b>Croatia</b>	25 Feb 2020	26-Sep-21	399,891	837	8,595	15	2.1%	9,831	2,780	1,803,468	1,690,798	41.4
<b>Norway</b>	26 Feb 2020	25-Sep-21	186,554	-	850	-	0.5%	3,488	3,484	4,123,472	3,604,749	66.0
<b>Romania</b>	26 Feb 2020	26-Sep-21	1,194,106	6,333	36,341	111	3.0%	6,169	2,625	5,419,397	5,310,948	27.8
<b>Estonia</b>	26 Feb 2020	26-Sep-21	153,536	465	1,344	1	0.9%	11,574	5,289	753,777	600,661	45.3
<b>Georgia</b>	26 Feb 2020	26-Sep-21	606,492	1,132	8,817	30	1.5%	16,302	7,983	967,441	762,231	19.2
<b>North Macedonia</b>	26 Feb 2020	26-Sep-21	189,887	336	6,594	17	3.5%	9,114	3,349	778,409	703,878	33.8
<b>Greece</b>	26 Feb 2020	26-Sep-21	645,969	1,100	14,679	24	2.3%	6,028	19,820	6,417,065	6,055,656	58.4
<b>Denmark</b>	27 Feb 2020	26-Sep-21	357,037	353	2,642	2	0.7%	6,136	6,302	4,448,856	4,351,629	74.9
<b>San Marino</b>	27 Feb 2020	20-Sep-21	5,419	-	90	-	1.7%	16,004		24,422	24,422	71.8
<b>Lithuania</b>	27 Feb 2020	26-Sep-21	325,606	1,277	4,913	17	1.5%	11,684	6,171	1,720,488	1,618,887	60.2
<b>Netherlands</b>	27 Feb 2020	26-Sep-21	1,996,498	1,597	18,150	1	0.9%	11,519	497	12,116,976	10,962,160	63.8
<b>Azerbaijan</b>	27 Feb 2020	26-Sep-21	480,843	1,029	6,457	24	1.3%	4,797	1,374	4,700,096	3,593,494	35.2
<b>Belarus</b>	28 Feb 2020	26-Sep-21	530,203	1,974	4,092	11	0.8%	5,601	2,891	1,877,399	1,512,121	16.0
<b>Iceland</b>	28 Feb 2020	24-Sep-21	11,632	-	33	-	0.3%	3,219	4,280	281,440	275,493	80.2
<b>Ireland</b>	28 Feb 2020	26-Sep-21	384,677	1,459	5,209	-	1.4%	7,785	5,591	3,761,574	3,650,824	73.3
<b>Monaco</b>	29 Feb 2020	25-Sep-21	3,303	-	33	-	1.0%	8,477		26,672	23,308	59.0
<b>Czech Republic</b>	01 Mar 2020	26-Sep-21	1,689,364	411	30,453	1	1.8%	15,833		6,067,450	5,934,653	55.3
<b>Luxembourg</b>	01 Mar 2020	24-Sep-21	77,762	-	835	-	1.1%	12,544	5,658	414,577	399,522	62.9
<b>Armenia</b>	01 Mar 2020	26-Sep-21	258,545	925	5,251	12	2.0%	8,741	1,937	237,454	129,325	4.4
<b>Latvia</b>	02 Mar 2020	26-Sep-21	154,786	567	2,684	2	1.7%	8,092	-	894,490	816,629	43.7
<b>Portugal</b>	02 Mar 2020	26-Sep-21	1,066,945	599	17,954	2	1.7%	10,390	5,383	8,918,723	8,602,244	84.6



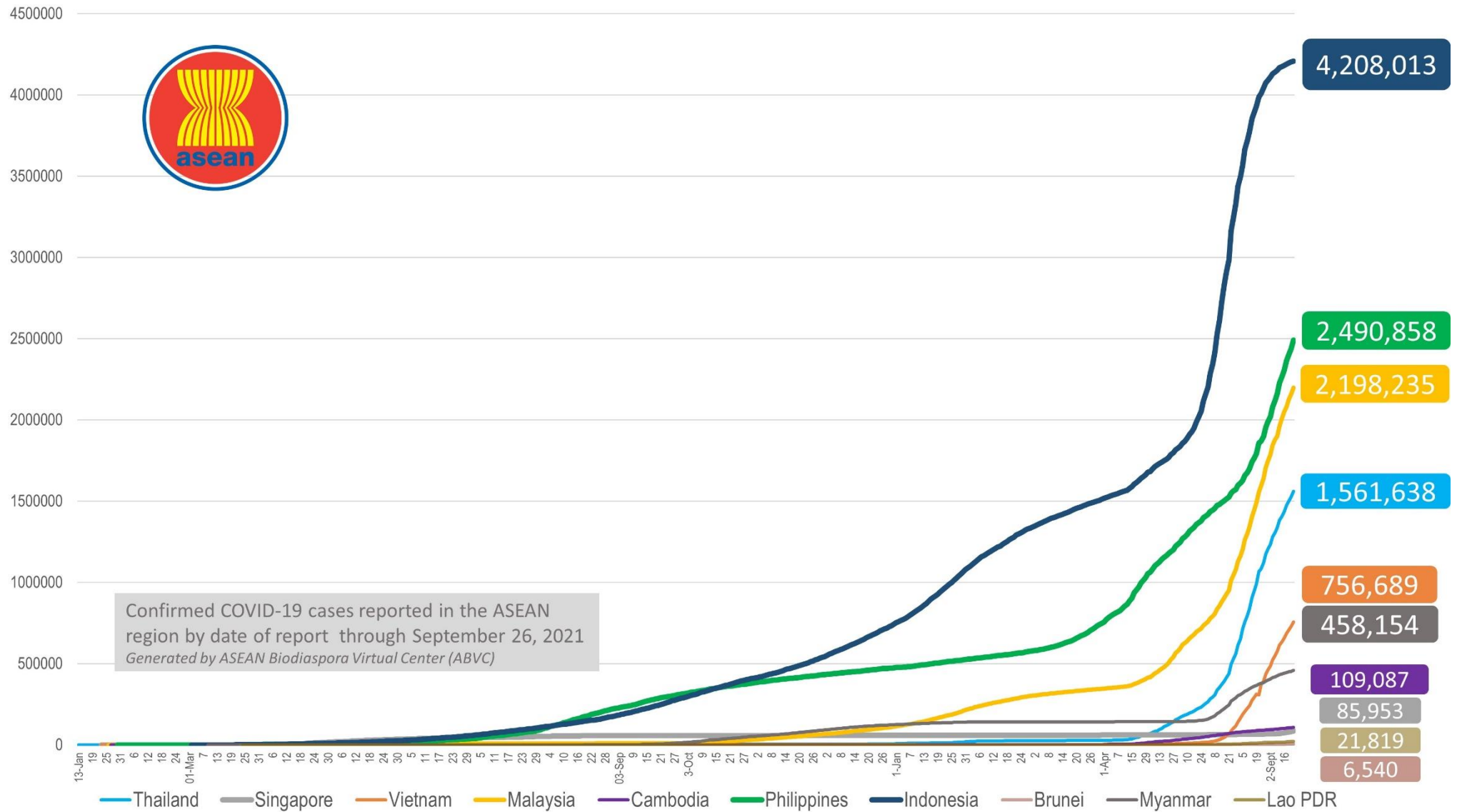
	<b>Andorra</b>	02 Mar 2020	24-Sep-21	15,167	-	130	-	0.9%	19,661	2,762	51,599	41,831	54.1
	<b>Liechtenstein</b>	03 Mar 2020	24-Sep-21	3,439	-	60	-	1.7%	9,045	5,076	24,341	22,563	59.0
	<b>Ukraine</b>	03 Mar 2020	26-Sep-21	2,392,397	4,647	55,626	69	2.3%	5,390	822	6,759,689	5,443,521	12.5
	<b>Slovenia</b>	04 Mar 2020	26-Sep-21	289,669	444	4,537	6	1.6%	13,873	2,823	1,114,247	988,067	47.5
	<b>Hungary</b>	04 Mar 2020	24-Sep-21	820,078	-	30,151	-	3.7%	8,394	1,835	5,873,523	5,615,273	58.3
	<b>Poland</b>	04 Mar 2020	26-Sep-21	2,903,234	643	75,572	1	2.6%	7,646	1,081	19,752,578	19,367,855	51.2
	<b>Faroe Islands</b>	04 Mar 2020	26-Sep-21	1,122	7	2	-	0.2%	2,305		37,886	35,986	73.4
	<b>Bosnia and Herzegovina</b>	05 Mar 2020	24-Sep-21	230,801	-	10,422	-	4.5%	6,992	1,180	634,063	426,082	13.1
	<b>Gibraltar</b>	05 Mar 2020	26-Sep-21	5,514	4	97	-	1.8%	16,362		39,872	39,463	117.1
	<b>Slovakia</b>	06 Mar 2020	26-Sep-21	408,488	689	12,596	-	3.1%	7,490	5,072	2,432,865	2,240,682	41.0
	<b>Serbia</b>	06 Mar 2020	26-Sep-21	911,066	5,389	8,051	43	0.9%	13,118	3,701	3,018,918	2,880,984	42.3
	<b>Vatican City</b>	06 Mar 2020	17-Oct-20	27	-	-	-	0.0%	2,932				
	<b>Malta</b>	07 Mar 2020	26-Sep-21	37,090	13	457	-	1.2%	7,379	-	420,132	419,919	81.6
	<b>Moldova</b>	07 Mar 2020	26-Sep-21	289,025	648	6,695	16	2.3%	10,875	4,078	561,055	769,140	19.1
	<b>Bulgaria</b>	08 Mar 2020	26-Sep-21	492,861	496	20,489	40	4.2%	7,065	4,067	1,089,066	1,307,993	19.0
	<b>Albania</b>	09 Mar 2020	26-Sep-21	167,893	539	2,640	11	1.6%	5,882	-	929,624	754,020	26.3
	<b>Cyprus</b>	09 Mar 2020	25-Sep-21	117,967	-	552	-	0.5%	9,842	51,479	592,694	547,741	61.7
	<b>Channel Islands</b>	09 Mar 2020	24-Sep-21	1,554	-	21	-	1.4%	2,382		32,969	13,618	20.3
	<b>Jersey</b>	10 Mar 2020	24-Sep-21	9,912	-	78	-	0.8%	10,915		76,998	73,893	73.1
	<b>Kazakhstan</b>	13 Mar 2020	26-Sep-21	877,112	2,192	11,035	36	1.3%	4,738	-	7,483,978	6,369,022	33.5
	<b>Kosovo</b>	13 Mar 2020	24-Sep-21	159,578	-	2,909	-	1.8%	8,894				
	<b>Uzbekistan</b>	15 Mar 2020	26-Sep-21	172,090	502	1,222	4	0.7%	512		9,787,973	3,700,000	10.9
	<b>Greenland</b>	16 Mar 2020	25-Sep-21	565	-	-	-	0.0%	1,005		41,196	36,626	64.4
	<b>Montenegro</b>	17 Mar 2020	26-Sep-21	129,648	363	1,895	3	1.5%	20,839		236,626	208,612	33.2
	<b>Kyrgyzstan</b>	18 Mar 2020	26-Sep-21	178,258	56	2,600	1	1.5%	2,761		803,094	593,266	9.0
	<b>Isle of Man</b>	19 Mar 2020	25-Sep-21	7,364	-	51	-	0.7%	8,706		65,461	63,841	74.8
	<b>Tajikistan</b>	30 Apr 2020	13-Sep-21	17,084	-	124	-	0.7%	183		2,307,140	1,565,281	16.1
<b>MIDDLE EAST</b>	<b>UAE</b>	29 Jan 2020	26-Sep-21	734,894	298	2,090	1	0.3%	7,522	35,624	9,227,821	8,169,539	81.8
	<b>Iran</b>	19 Feb 2020	26-Sep-21	5,533,520	13,792	119,360	278	2.2%	6,674	1,459	29,526,662	13,961,491	16.4
	<b>Israel</b>	21 Feb 2020	26-Sep-21	1,265,845	2,900	7,675	26	0.6%	13,982	16,424	6,085,965	5,611,185	63.8
	<b>Lebanon</b>	21 Feb 2020	26-Sep-21	622,235	500	8,286	9	1.3%	9,076	-	1,550,755	1,259,268	18.6
	<b>Kuwait</b>	24 Feb 2020	26-Sep-21	411,484	37	2,446	1	0.6%	9,781	4,260	2,668,082	923,307	21.3

	<b>Oman</b>	24 Feb 2020	25-Sep-21	303,639	-	4,095	-	1.3%	6,103		2,810,262	1,826,224	35.0	
	<b>Bahrain</b>	24 Feb 2020	26-Sep-21	274,814	69	1,389	-	0.5%	16,745	11,051	1,163,222	1,109,912	63.5	
	<b>Iraq</b>	24 Feb 2020	26-Sep-21	1,993,767	2,139	22,110	38	1.1%	5,072	793	4,585,095	2,486,604	6.0	
	<b>Qatar</b>	29 Feb 2020	26-Sep-21	236,298	67	605	1	0.3%	8,344	1,679	2,360,308	2,218,292	75.7	
	<b>Saudi Arabia</b>	02 Mar 2020	26-Sep-21	546,926	44	8,699	5	1.6%	1,596	1,456	23,228,976	18,261,707	51.7	
	<b>Jordan</b>	02 Mar 2020	26-Sep-21	819,783	987	10,680	11	1.3%	8,115	3,350	3,668,113	3,235,830	31.5	
	<b>Palestine</b>	05 Mar 2020	26-Sep-21	427,102	1,069	4,293	7	1.0%	9,116		1,347,092	654,315	12.5	
	<b>Syria</b>	22 Mar 2020	26-Sep-21	32,973	393	2,207	9	6.7%	193		285,087	248,862	1.4	
	<b>Yemen</b>	10 Apr 2020	26-Sep-21	8,934	43	1,694	12	19.0%	31		308,025	14,909	0.1	
<b>AFRICA</b>	<b>Egypt</b>	14 Feb 2020	25-Sep-21	300,945	-	17,149	-	5.7%	300		8,709,333	5,099,465	4.9	
	<b>Algeria</b>	25 Feb 2020	26-Sep-21	202,722	148	5,777	10	2.8%	471		5,815,039	4,174,623	9.4	
	<b>Nigeria</b>	28 Feb 2020	24-Sep-21	203,991	-	2,671	-	1.3%	102	27	4,474,172	1,780,853	0.8	
	<b>Tunisia</b>	02 Mar 2020	26-Sep-21	704,914	1,182	24,732	27	3.5%	6,028	1,221	4,761,259	3,387,656	28.4	
	<b>Morocco</b>	02 Mar 2020	26-Sep-21	929,305	734	14,167	35	1.5%	2,548	582	21,580,332	17,943,587	48.1	
	<b>Senegal</b>	02 Mar 2020	26-Sep-21	73,742	14	1,855	-	2.5%	453	126	1,219,834	564,998	3.3	
	<b>South Africa</b>	05 Mar 2020	26-Sep-21	2,896,943	967	87,052	51	3.0%	4,947	718	12,136,460	8,362,232	13.9	
	<b>Cameroon</b>	06 Mar 2020	15-Sep-21	85,414	-	1,368	-	1.6%	330		376,195	83,202	0.3	
	<b>Togo</b>	06 Mar 2020	26-Sep-21	25,218	55	226	4	0.9%	312	217	445,041	387,781	4.6	
	<b>Burkina Faso</b>	09 Mar 2020	26-Sep-21	14,172	41	180	-	1.3%	70		234,490	168,141	0.8	
		<b>Democratic Republic of Congo</b>	10 Mar 2020	24-Sep-21	56,617	-	1,083	-	1.9%	65		97,328	37,532	0.0
		<b>Ivory Coast</b>	11 Mar 2020	25-Sep-21	59,778	-	593	-	1.0%	232	152	1,193,877	273,400	1.0
		<b>Reunion</b>	11 Mar 2020	21-Sep-21	53,241	-	363	-	0.7%	6,853				
		<b>Ghana</b>	13 Mar 2020	22-Sep-21	126,621	-	1,146	-	0.9%	416	-	865,422	758,160	2.4
		<b>Guinea</b>	13 Mar 2020	23-Sep-21	30,348	-	377	-	1.2%	238		1,068,831	485,838	3.6
		<b>Gabon</b>	13 Mar 2020	24-Sep-21	29,126	-	178	-	0.6%	1,341	2,170	100,884	76,508	3.4
		<b>Sudan</b>	13 Mar 2020	24-Sep-21	38,201	-	2,894	-	7.6%	89		649,062	581,846	1.3
		<b>Kenya</b>	13 Mar 2020	26-Sep-21	248,461	69	5,102	6	2.1%	473	-	2,672,861	881,563	1.6
		<b>Ethiopia</b>	13 Mar 2020	26-Sep-21	341,714	869	5,401	32	1.6%	305	84	2,751,057	742,413	0.6
		<b>Central African Republic</b>	14 Mar 2020	24-Sep-21	11,371	-	100	-	0.9%	240		140,492	9,901	0.2
	<b>Seychelles</b>	14 Mar 2020	23-Sep-21	21,257	-	115	-	0.5%	21,774		77,311	71,091	71.9	
	<b>Rwanda</b>	14 Mar 2020	26-Sep-21	96,839	112	1,252	4	1.3%	767	1,181	1,968,873	1,440,597	10.9	
	<b>Namibia</b>	14 Mar 2020	24-Sep-21	127,227	-	3,492	-	2.7%	5,100	546	248,269	159,233	6.2	
	<b>Swaziland</b>	14 Mar 2020	24-Sep-21	45,701	-	1,210	-	2.6%	3,980		206,478	199,621	17.0	
	<b>Mauritania</b>	14 Mar 2020	25-Sep-21	35,819	-	768	-	2.1%	791	-	311,544	21,545	0.5	
	<b>Mayotte</b>	14 Mar 2020	24-Sep-21	20,219	-	178	-	0.9%	12,713					
	<b>Equatorial Guinea</b>	15 Mar 2020	22-Sep-21	11,806	-	142	-	1.2%	871	793	219,233	162,602	11.2	
	<b>Republic of Congo</b>	15 Mar 2020	23-Sep-21	14,113	-	191	-	1.4%	262		215,561	114,344	2.0	

<b>Benin</b>	16 Mar 2020	23-Sep-21	22,958	-	154	-	0.7%	195	-	152,699	21,405	0.2	
<b>Liberia</b>	16 Mar 2020	20-Sep-21	5,915	-	283	-	4.8%	120	-	104,545	27,392	0.5	
<b>Tanzania</b>	16 Mar 2020	10-Aug-21	1,367	-	50	-	3.7%	2	-	350,000	350,000	0.6	
<b>Somalia</b>	16 Mar 2020	25-Sep-21	19,723	-	1,103	-	5.6%	128	-	249,200	181,599	1.1	
<b>Gambia</b>	17 Mar 2020	21-Sep-21	9,911	-	335	-	3.4%	422	46	179,910	165,785	6.7	
<b>Zambia</b>	17 Mar 2020	26-Sep-21	208,857	28	3,646	1	1.7%	1,169	365	311,049	291,947	1.5	
<b>Mauritius</b>	18 Mar 2020	25-Sep-21	15,161	-	71	-	0.5%	1,198	-	846,158	787,794	61.9	
<b>Djibouti</b>	18 Mar 2020	23-Sep-21	12,253	-	162	-	1.3%	1,259	-	41,142	26,087	2.6	
<b>Niger</b>	19 Mar 2020	23-Sep-21	5,973	-	201	-	3.4%	26	-	404,246	87,492	0.4	
<b>Chad</b>	19 Mar 2020	23-Sep-21	5,031	-	174	-	3.5%	32	-	98,213	24,839	0.2	
<b>Zimbabwe</b>	20 Mar 2020	26-Sep-21	129,625	120	4,604	1	3.6%	885	344	3,030,042	2,188,630	14.5	
<b>Cape Verde</b>	20 Mar 2020	25-Sep-21	37,400	-	334	-	0.9%	6,801	-	282,236	119,839	21.3	
<b>Madagascar</b>	20 Mar 2020	13-Sep-21	42,898	-	958	-	2.2%	159	-	197,001	184,632	0.7	
<b>Uganda</b>	21 Mar 2020	24-Sep-21	123,181	-	3,145	-	2.6%	278	70	1,643,067	415,486	0.9	
<b>Eritrea</b>	21 Mar 2020	25-Sep-21	6,694	-	42	-	0.6%	189	-	-	-	-	
<b>Angola</b>	21 Mar 2020	24-Sep-21	54,280	-	1,471	-	2.7%	171	-	1,836,547	983,587	2.9	
<b>Mozambique</b>	22 Mar 2020	26-Sep-21	150,530	36	1,909	-	1.3%	496	2	1,903,730	1,740,693	5.4	
<b>Libya</b>	24 Mar 2020	25-Sep-21	336,980	-	4,606	-	1.4%	4,972	-	1,334,670	166,952	2.4	
<b>Guinea-Bissau</b>	25 Mar 2020	23-Sep-21	6,099	-	135	-	2.2%	318	-	87,231	7,484	0.4	
<b>Mali</b>	25 Mar 2020	26-Sep-21	15,163	10	547	-	3.6%	77	-	311,376	86,477	0.4	
<b>Botswana</b>	30 Mar 2020	20-Sep-21	176,427	-	2,360	-	1.3%	7,658	-	380,093	226,606	9.5	
<b>Sierra Leone</b>	31 Mar 2020	21-Sep-21	6,393	-	121	-	1.9%	82	-	181,065	40,045	0.5	
<b>Burundi</b>	31 Mar 2020	25-Sep-21	17,475	-	14	-	0.1%	152	-	-	-	-	
<b>Malawi</b>	02 Apr 2020	24-Sep-21	61,475	-	2,272	-	3.7%	330	-	772,276	483,685	2.5	
<b>South Sudan</b>	05 Apr 2020	24-Sep-21	11,926	-	128	-	1.1%	108	-	72,173	28,448	0.3	
<b>Sao Tome and Principe</b>	06 Apr 2020	25-Sep-21	3,338	-	49	-	1.5%	1,552	-	55,036	18,187	8.1	
<b>Comoros</b>	30 Apr 2020	23-Sep-21	4,112	-	147	-	3.6%	483	-	174,765	162,098	18.2	
<b>Lesotho</b>	13May 2020	26-Aug-21	14,395	-	403	-	2.8%	677	-	249,173	238,727	11.1	
			<b>220,951,644</b>	<b>221,142</b>	<b>4,502,868</b>	<b>2,947</b>	<b>2.0%</b>						

# COVID-19 Epi curve among ASEAN Countries

as of 26 September 2021



# 7-Day Rolling Average of COVID-19 new cases

as of 26 September 2021

60,000



50,000

40,000

30,000

20,000

10,000

01/01/2021 01/02/2021 01/03/2021 01/04/2021 01/05/2021 01/06/2021 01/07/2021 01/08/2021 01/09/2021

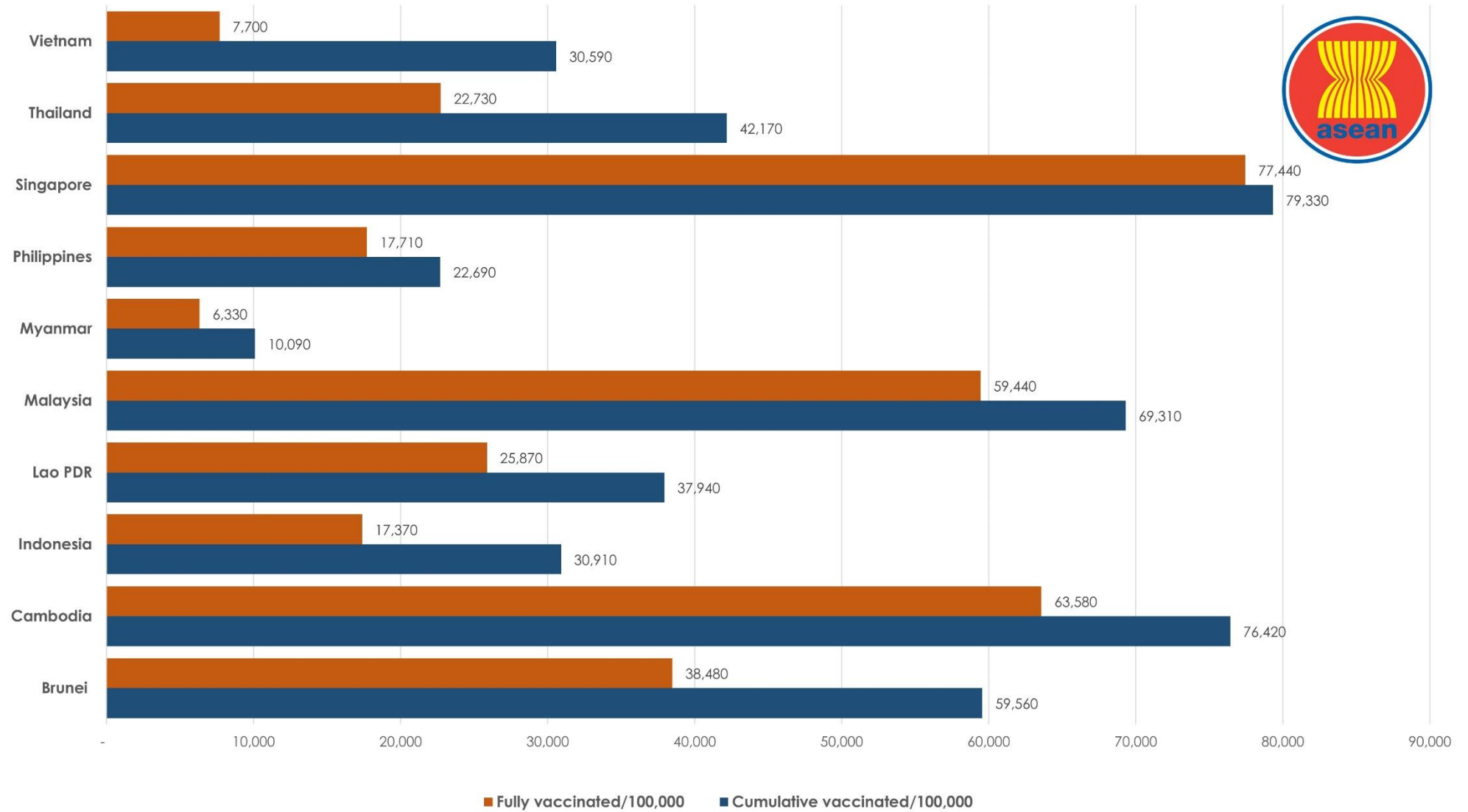
— Brunei — Cambodia — Indonesia — Lao PDR — Malaysia  
 — Myanmar — Philippines — Singapore — Thailand — Vietnam

ASEAN Country	New Cases Rate of Change 7-Day Window*	P-value
Brunei	12.964	0.002
Cambodia	8.883	0.049
Indonesia	-130.862	0
Lao PDR	21.464	0.003
Malaysia	-751.694	0.021
Myanmar	-56.719	0
Philippines	-368.332	0
Singapore	50.622	0.001
Thailand	-227.878	0
Vietnam	-72.276	0.092

\*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 September 26, 2021)

# COVID-19 Vaccination Status

as of 26 September 2021



# Outlook Assessment

as of 25 September 2021

ASEAN MEMBER STATE	REQUIREMENT					
	At least <b>80% of the high-risk population has been vaccinated</b> with at least one dose of a COVID-19 vaccine.		At least <b>65% of the total population has a level of immunity</b> to COVID-19; either recovered from COVID-19 or have been vaccinated with at least one dose of a COVID-19 vaccine.		Case levels are generally low (a 7-day rolling average number of daily new cases that is <10 cases per 100,000, with each day's past-14-day test positivity is consistently <5%).	
	% of High risk population with one dose	Projected Completion Date <i>(moderate case scenario)</i>	% of Total population with one dose	Projected Completion Date <i>(moderate case scenario)</i>	Daily cases/100,000	Test positivity last 14 days
Brunei	>80.0	Aug 2021	59.9		43.818	
Cambodia	>80.0	Jun 2021	>80.1	Aug 2021	4.138	4.1
Indonesia	>80.0	Aug 2021	33.7	Jan 2022	0.936	2.1
Lao PDR	> 80.0	Aug 2021	41.6	Dec 2021	4.515	6.0
Malaysia	>80.0	Jul 2021	71.7	Sep 2021	45.721	
Myanmar	19.2	-	11.2	Sept 2022	3.106	9.2
Philippines	>80.0	Sept 2021	26.0		16.211	27.6
Singapore	>80.0	May 2021	>80.3	Jul 2021	19.331	1.0
Thailand	>80.0	Sept 2021	44.0	Nov 2021	17.724	27.6
Vietnam	73.7	Oct 2021	32.9	Nov 2021	10.316	4.9



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