COVID Monitor

AMRO
ASEAN +3 MACROECONOMIC RESEARCH OFFICE

Total Confirmed Cases and Deaths

Worldwide	ASEAN+3	Plus-3	ASEAN
188,886,274 Cases	**6,966,940** Cases	**1,110,805** Cases	**5,856,135** Cases
4,066,019 Deaths	**133,636** Deaths	**21,864** Deaths	**111,772** Deaths

Source: Haver Analytics, sourced from Johns Hopkins University; and AMRO staff calculations.

Recent Developments

Global News

- Mask-mandate returns in parts of the **US** as average daily cases rose to above 26,000, a level last seen in end-May. The government is ramping up vaccinations for teenagers and young adults.
- A Lancet study in the **UK** found that 50 percent of people hospitalised with severe COVID-19 develop other health complications. This finding contradicts current narratives that COVID-19 is only dangerous in people with existing comorbidities and the elderly. The study covered more than 73,000 patients across 302 hospitals.

Regional News

- **Indonesia** has surpassed the daily cases in **Brazil** and **India** with an average of more than 44,000 cases per day. With the healthcare system facing tremendous strain, the military has deployed its doctors and opened emergency field hospitals.
- Confirmed cases in **Vietnam** rose to a record-high of almost 2,500 cases per day in the last 7 days. The delta variant has been reported in 58 out of the 63 provinces and cities.
- **Myanmar** reported an all-time high of 103 deaths and more than 4,600 cases per day in the last week. 74 townships are under stay-at-home orders as of July 12.
- The **Philippines** has reported its first locally transmitted cases of the delta variant. Among the 16 new delta variant cases today, 11 were locally transmitted.
- **Malaysia** has granted conditional approval for Sinopharm for emergency use. Sinovac vaccine will stop being administered after supply ends, with vaccination drive to be anchored by Pfizer-BioNTech vaccine going forward.

Vaccine News

- A study published in The Lancet found that the **Pfizer-BioNTech** vaccine produces 10 times more antibodies than **Sinovac** vaccine. The paper also cautioned that disease-fighting antibodies do not account for the full picture when it comes to measuring the ability to generate immunity and the effectiveness of COVID-19 vaccines.

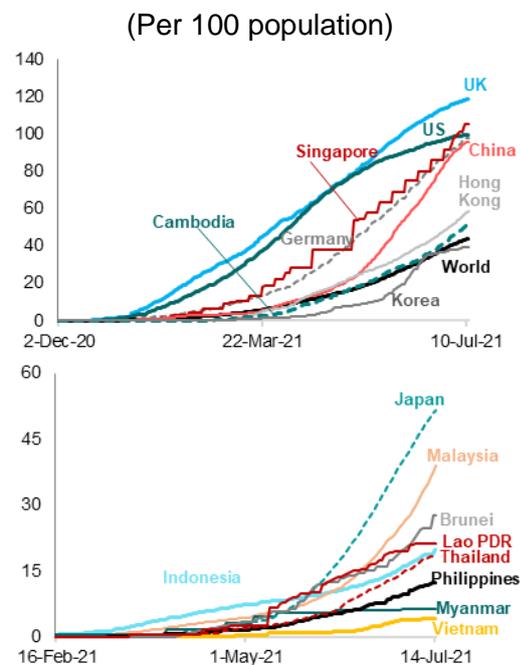## ASEAN+3 and Selected Economies: Confirmed COVID-19 Cases and Deaths

Economy	Total Cases ('000)	Cases per 1M Population	New Cases[1]	New Cases[1] since 2020[2]	New Cases per 1M Pop.[1]	ΔNew Cases[1]	Δ% New Cases[1]	Total Deaths	New Deaths[1]	Fatality Rate (%)
Global	188,886		475,555			58,991	0.3	4,066,019	7,916	2.2
ASEAN+3	6,967		80,679			23,701	1.2	133,636	1,360	1.9
Plus-3	1,111		3,886			1,133	0.4	21,864	16	2.0
ASEAN	5,856		76,793			22,568	1.4	111,772	1,344	1.9
China	92	66	28		0	2	0.0	4,636	0	5.0
Hong Kong, China	12	1,566	1		0	-2	0.0	212	0	1.8
Japan	832	6,613	2,472		20	717	0.3	14,965	14	1.8
Korea	175	3,363	1,386		27	415	0.8	2,051	2	1.2
Indonesia	2,727	10,104	44,145		164	13,476	1.7	70,192	919	2.6
Malaysia	881	26,513	10,303		310	3,205	1.2	6,613	101	0.8
Philippines	1,491	13,546	5,011		46	-310	0.3	26,314	95	1.8
Singapore	63	11,032	26		5	22	0.0	36	0	0.1
Thailand	372	5,472	9,141		134	2,941	2.7	3,032	81	0.8
Brunei Darussalam	0.28	625	2		5	2	0.8	3	0	1.1
Cambodia	64.61	3,859	936		56	-17	1.5	1,025	29	1.6
Lao PDR	3.09	426	89		12	43	3.3	4	0	0.1
Myanmar	212.55	3,982	4,641		87	1,683	2.4	4,346	104	2.0
Vietnam	42.29	439	2,497		26	1,485	7.9	207	15	0.5
Australia	32	1,218	96		4	58	0.3	912	0	2.9
Brazil	19,263	91,129	42,822		203	-5,815	0.2	538,942	1,252	2.8
France	5,863	90,210	4,505		69	1,787	0.1	110,464	17	1.9
Germany	3,748	45,174	987		12	343	0.0	91,346	21	2.4
India	30,988	22,626	33,561		25	-8,538	0.1	411,989	864	1.3
United Kingdom	5,301	78,824	39,772		591	11,996	0.8	128,864	75	2.4
United States	33,822	102,164	26,309		79	10,359	1.2	605,662	273	1.8

Source: Haver Analytics, sourced from Johns Hopkins University; and AMRO staff calculations.
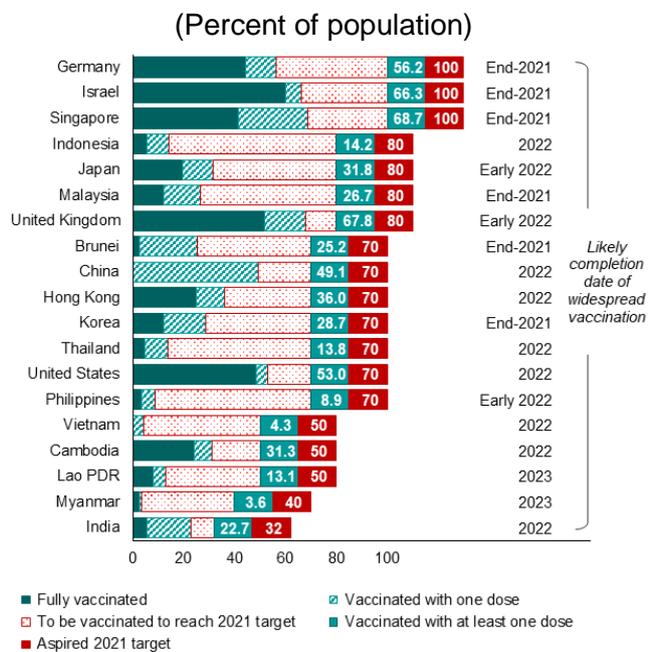1/ Values show the 7-day average.
2/ Since January 31, 2020.

ASEAN+3 and Selected Economies: Total Vaccines Administered

(Per 100 population)

Source: Haver Analytics, sourced from Our World in Data; and AMRO staff calculations.
Note: Single vaccination doses only. This does not measure the number of people vaccinated, as two doses are required with most available vaccines. Data is reported at irregular intervals; numbers show latest available.
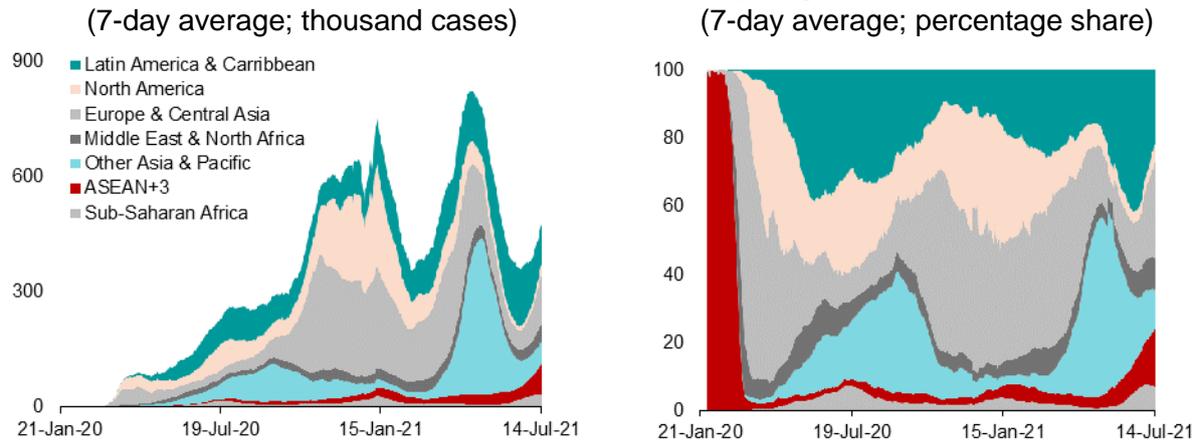
ASEAN+3 and Selected Economies: Vaccinations and Aspired Population Coverage

(Percent of population)

Economy		Likely completion date of widespread vaccination
Germany	56.2 / 100	End-2021
Israel	66.3 / 100	End-2021
Singapore	68.7 / 100	End-2021
Indonesia	14.2 / 80	2022
Japan	31.8 / 80	Early 2022
Malaysia	26.7 / 80	End-2021
United Kingdom	67.8 / 80	Early 2022
Brunei	25.2 / 70	End-2021
China	49.1 / 70	2022
Hong Kong	36.0 / 70	2022
Korea	28.7 / 70	End-2021
Thailand	13.8 / 70	2022
United States	53.0 / 70	2022
Philippines	8.9 / 70	Early 2022
Vietnam	4.3 / 50	2022
Cambodia	31.3 / 50	2022
Lao PDR	13.1 / 50	2023
Myanmar	3.6 / 40	2023
India	22.7 / 32	2022

- Fully vaccinated
- Vaccinated with one dose
- To be vaccinated to reach 2021 target
- Vaccinated with at least one dose
- Aspired 2021 target

Sources: Our World in Data via Haver Analytics; various media sources; Economist Intelligence Unit; and AMRO staff estimates and calculations.
Note: Percent of population vaccinated shows total administered doses divided by two to reflect the two-dose regime of most vaccines—it does not necessarily reflect the actual number of fully vaccinated people. Aspired 2021 targets and completion dates of widespread vaccination are goals, forecasts, or estimates.
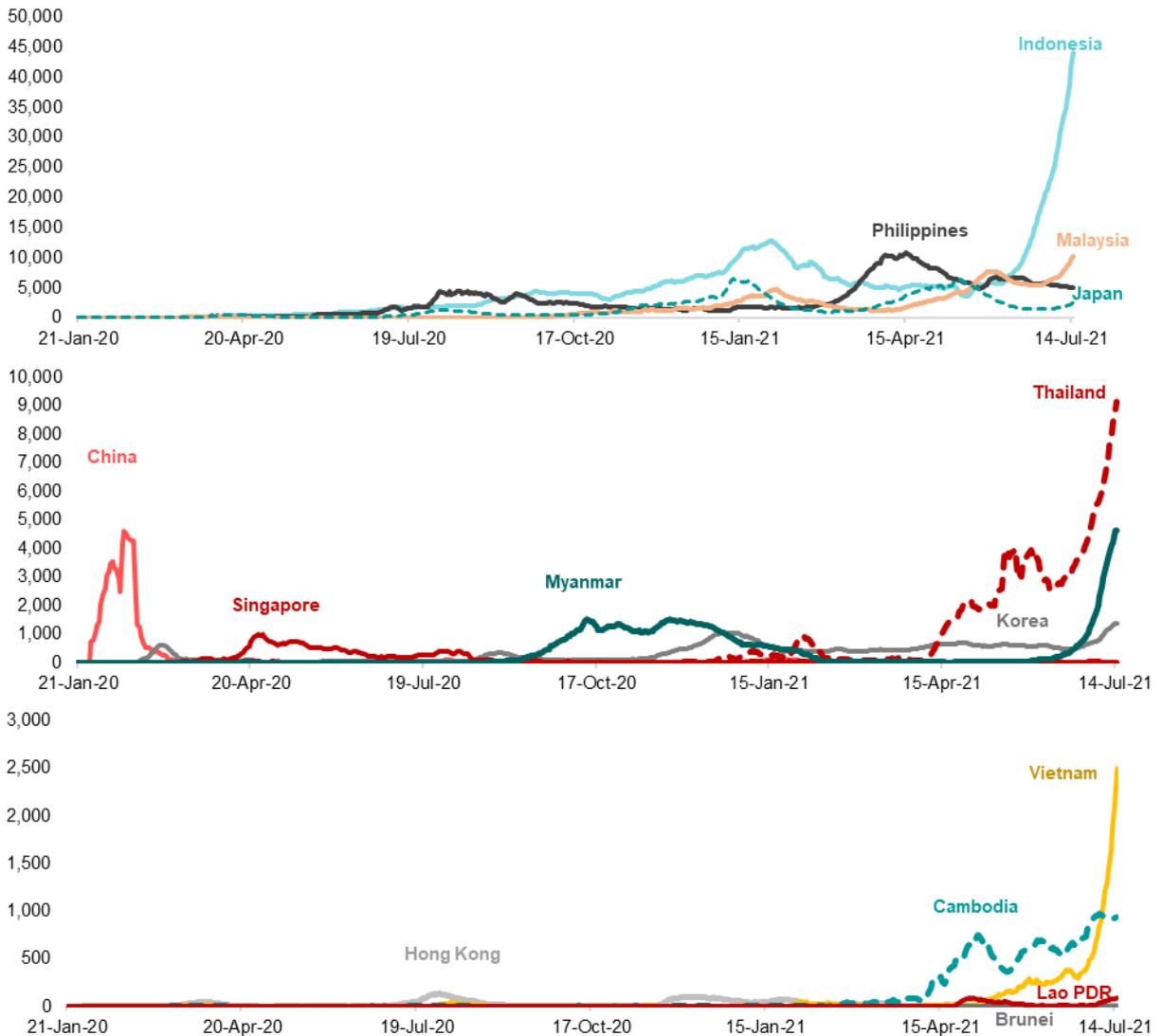
World: Confirmed Cases by Region

(7-day average; thousand cases)   (7-day average; percentage share)

Source: Haver Analytics, sourced from Johns Hopkins University; and AMRO staff calculations.

ASEAN+3: Daily Confirmed Cases
(7-day average)

Source: Haver Analytics, sourced from Johns Hopkins University; and AMRO staff calculations.

ASEAN+3 and Selected Economies: Covid Cycle and Healthcare Indicators

	MAY	JUNE	JULY	Daily new cases (7-day average)		Hospital Beds to Active Cases	Hospital Bed Density (Beds per 1,000)	
China				28	▲	11,281.7		4.2
Hong Kong, China				1	▼	—		—
Japan				2,472	▲	75.6		13.4
Korea				1,386	▲	44.0		11.5
Indonesia				44,145	▲	0.8		1.2
Malaysia				10,303	▲	0.7		1.9
Philippines				5,011	▼	1.1		0.5
Singapore				26	▲	7.2		2.4
Thailand				9,141	▲	0.5		2.1
Brunei Darussalam				2.3	▲	75.2		2.7
Cambodia				936	▼	1.9		0.8
Lao PDR				89	▲	16.9		1.5
Myanmar				4,641	▲	1.1		0.9
Vietnam				2,497	▲	10.3		2.6
Australia				96	▲	15.1		3.8
Brazil				42,822	▼	0.3		2.2
France				4,505	▲	1.5		6.5
Germany				987	▲	34.8		8.3
India				33,561	▼	2.0		0.7
United Kingdom				39,772	▲	0.4		2.8
United States				26,309	▲	4.3		2.9

Legend: ■ First ■ First-mid ■ Mid ■ Late ■ End ■ Reappearance/Minor outbreak
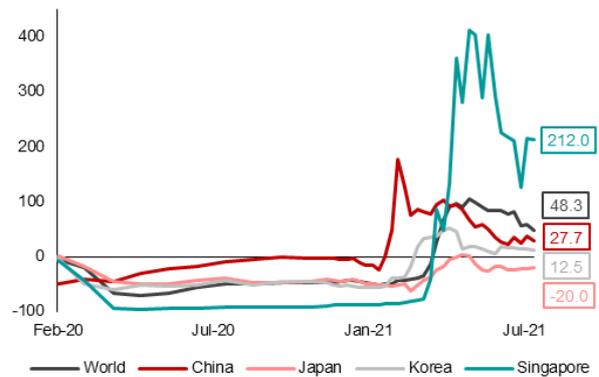
Sources: Haver Analytics, sourced from John Hopkins University; World Health Organization; and AMRO staff calculations.
Note: Based on Hinojales, Oeking, and Ong. 2020. "Where are We in the Covid Cycle?" AMRO Analytical Note, Singapore, April 27, and Oeking. 2021. "Crushing Waves: Diving into the Covid Cycle" AMRO Analytical Note, Singapore, February 4.

Selected ASEAN+3: Aggregate Non-Residentials Mobility
(Percentage change from baseline; 5-day moving average)

Sources: Haver Analytics, sourced from Google COVID-19 Community Mobility reports; and AMRO staff calculations.
Note: Baseline refers to the median value of the corresponding day in the period Jan 3–Feb 6, 2020. "Non-residentials" refer to the aggregated mobility data for places such as groceries and pharmacies, retail and recreation facilities, transit station and workplaces. ASEAN-5 = Indonesia, Malaysia, the Philippines, Thailand, and Singapore. CLMV = Cambodia, Lao PDR, Myanmar, and Vietnam.

World and Selected ASEAN+3: Weekly Scheduled Flight Seats
(Percent year-over-year)

Sources: Official Aviation Guide; and AMRO staff calculations.
Note: Scheduled seat capacity data until November 2020 are on monthly basis, and on weekly basis thereafter.