

Cumulative New Cases and Deaths

Worldwide	ASEAN+3	Plus-3	ASEAN
245,503,879 Cases	15,300,094 Cases	2,188,639 Cases	13,111,455 Cases
4,980,381 Deaths	303,171 Deaths	25,911 Deaths	277,260 Deaths

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

Recent Developments

Global News

- **Australia** eased its COVID-19 travel advice for several economies including the United States and Canada ahead of its border reopening next week, the first time in over 18 months. Strong vaccine uptake has allowed authorities to gradually ease restrictions in major cities.
- Health authorities in **India** has formed a panel of experts to look into the delta sub-variant, AY.4.2, or the “delta plus”. Initial studies of scientists in the United Kingdom on the sub-variant suggested that it is 10 to 15 percent more transmissible than the original delta.

Regional News

- **Korea** will be easing all of its operating-hour curbs on restaurants and cafes, while requiring proof of vaccination or negative COVID-19 tests for high-risk venues such as bars and gyms. The first phase will begin next week and last for a month.
- **Singapore** has included Australia and Switzerland in its Vaccinated Travel Lane scheme, which allows travellers to fly in from selected economies without the need for quarantine. Fully vaccinated travelers are nonetheless subject to virus testing.

Vaccine News

- An expert panel for the **United States’** Food and Drug Administration recommended to authorize the Pfizer-BioNTech vaccine for children aged five to 11. Clinical trials for this age group showed a 90.7 percent vaccine efficacy against the virus.
- **Malaysia** is reportedly planning to buy the Pfizer-BioNTech vaccine for use in children. Health authorities are also considering other vaccine brands for this age group to ensure that schools reopen safely.
- **US** firm Merck has signed a licensing agreement with the United Nations-backed Medicines Patent Pool, which will allow more companies to manufacture generic versions of molnupiravir, its experimental oral antiviral COVID-19 treatment. The royalty-free license would apply to more than 100 developing economies.

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

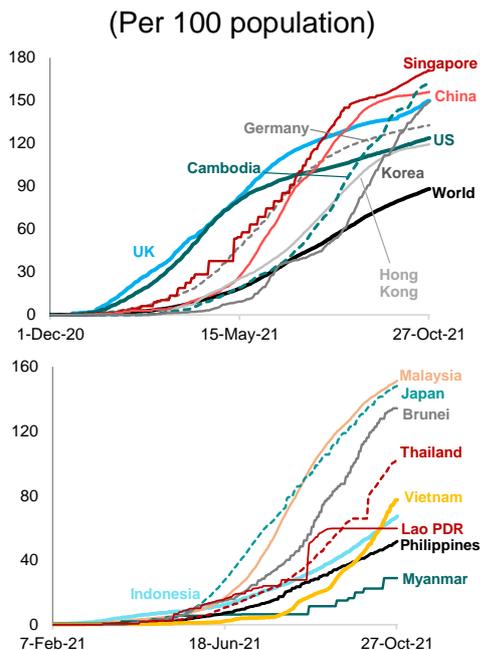
Economy	Total Cases ('000)	Cases per 1M Population	New Cases ¹	New Cases ¹ since 2020 ²	New Cases per 1M Pop. ¹	ΔNew Cases ¹	Δ% New Cases ¹	Total Deaths	New Deaths ¹	Fatality Rate (%)
Global	245,504		429,335			16,920	0.2	4,980,381	7,179	2.0
ASEAN+3	15,300		31,162			-2,456	0.2	303,171	457	2.0
Plus-3	2,189		1,976			173	0.1	25,911	22	1.2
ASEAN	13,111		29,186			-2,629	0.2	277,260	435	2.1
China	97	69	47		0	21	0.0	4,636	0	4.8
Hong Kong, China	12	1,616	4		0	-1	0.0	213	0	1.7
Japan	1,719	13,667	272		2	-127	0.0	18,245	9	1.1
Korea	361	6,926	1,652		32	280	0.5	2,817	13	0.8
Indonesia	4,243	15,721	671		2	-148	0.0	143,333	30	3.4
Malaysia	2,455	73,891	5,880		177	-403	0.2	28,769	76	1.2
Philippines	2,769	25,162	4,105		37	-1,877	0.1	42,348	159	1.5
Singapore	188	32,945	3,689		647	304	2.1	364	12	0.2
Thailand	1,885	27,714	9,056		133	-926	0.5	19,006	64	1.0
Brunei Darussalam	12.82	28,432	183		406	-62	1.5	83	1	0.6
Cambodia	118.22	7,062	124		7	-87	0.1	2,766	9	2.3
Lao PDR	38.28	5,269	612		84	129	1.7	59	1	0.2
Myanmar	497.70	9,324	874		16	-164	0.2	18,622	22	3.7
Vietnam	905.48	9,392	3,991		41	606	0.4	21,910	60	2.4
Australia	168	6,460	1,900		73	-353	1.2	1,708	14	1.0
Brazil	21,781	103,046	12,014		57	-144	0.1	607,068	341	2.8
France	6,969	107,224	5,237		81	605	0.1	115,243	26	1.7
Germany	4,554	54,880	15,216		183	2,064	0.3	95,522	75	2.1
India	34,232	24,995	12,653		9	-2,439	0.0	456,386	478	1.3
United Kingdom	8,978	133,499	48,175		716	1,920	0.5	140,628	212	1.6
United States	45,616	137,790	74,799		226	-811	1.2	739,811	1,397	1.6

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

1/ Values show the 7-day average.

2/ Since January 31, 2020.

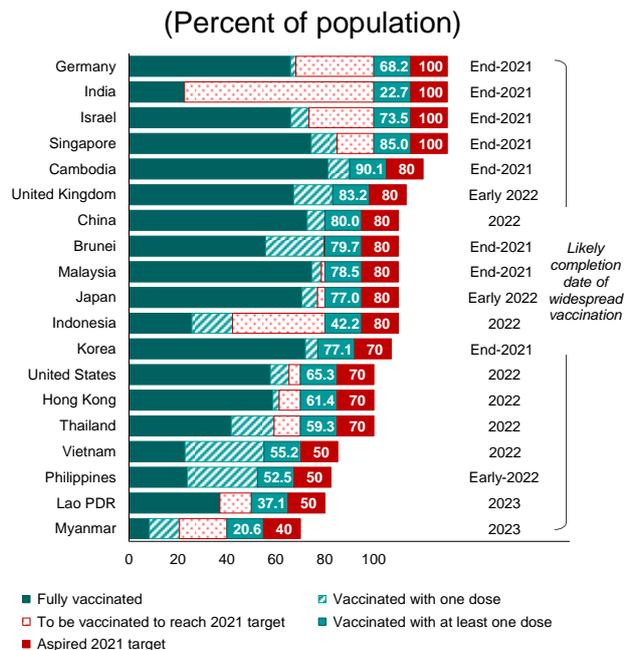
ASEAN+3 and Selected Economies: Cumulative Vaccines Administered



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.

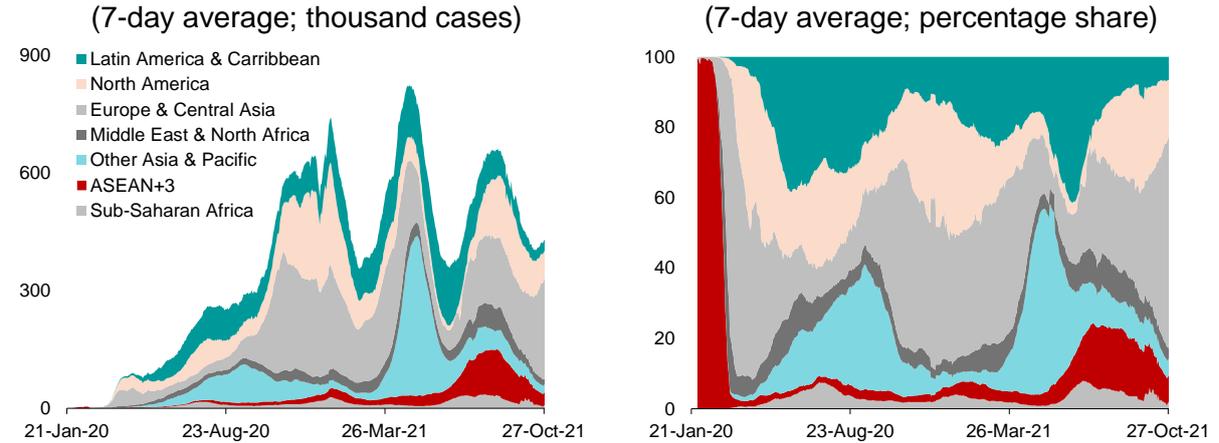
ASEAN+3 and Selected Economies: Vaccinations and Aspired Population Coverage



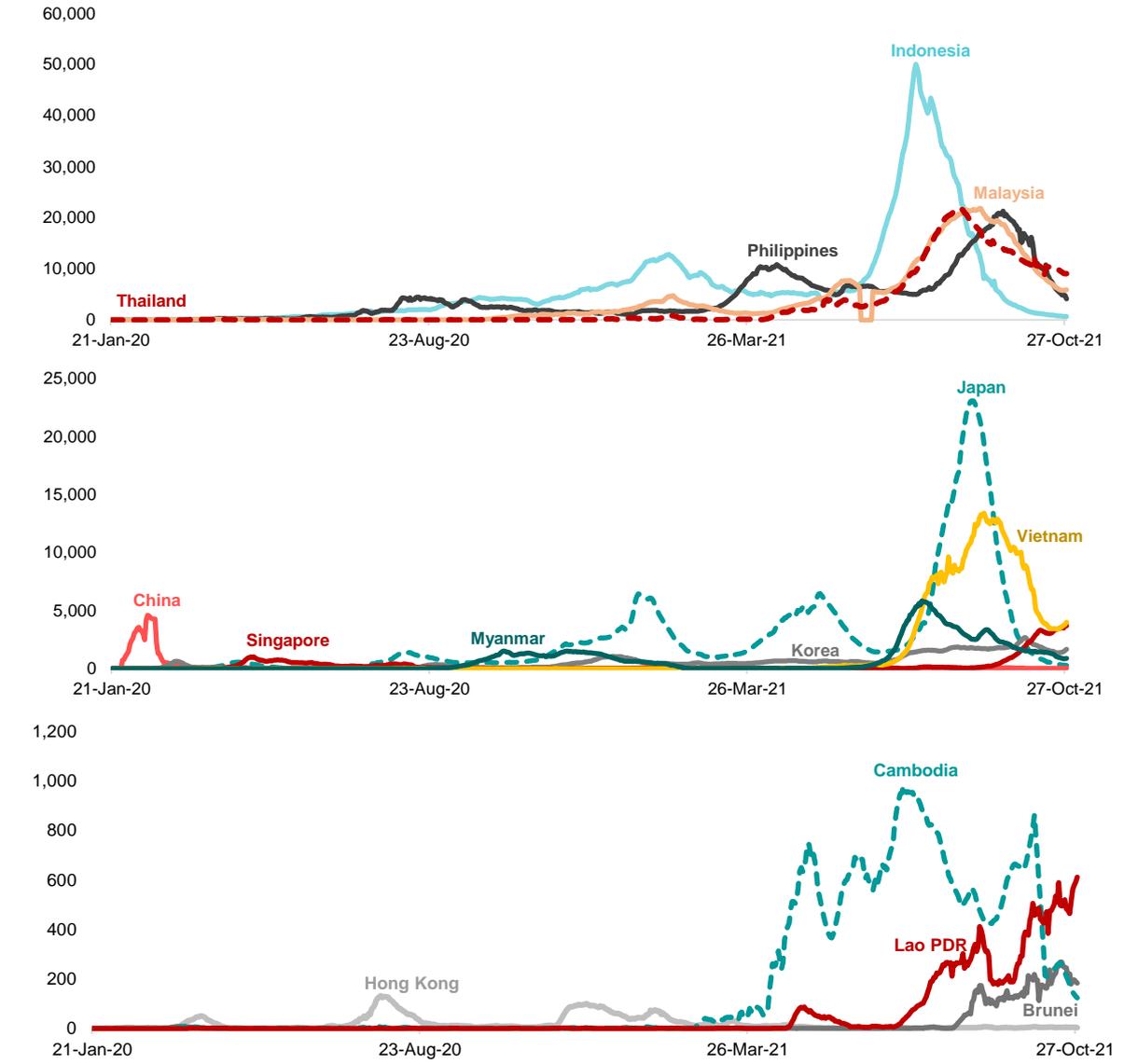
Sources: Our World in Data via Haver Analytics; various media sources; Economist Intelligence Unit; and AMRO staff estimates and calculations.

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: New Cases by Region



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



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

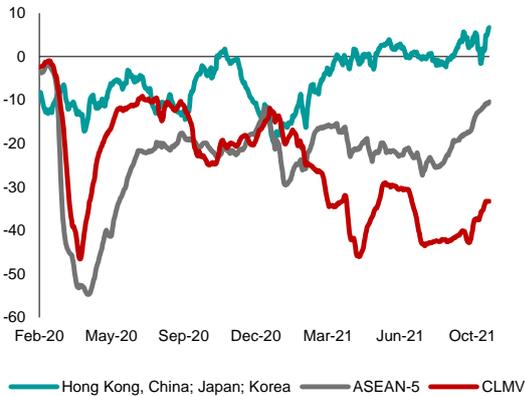
	2021					Daily new cases (7-day average)	Hospital Beds to Active Cases	Hospital Bed Density (Beds per 1,000)
	JUNE	JULY	AUG	SEP	OCT			
China	[Heatmap]					47	9,260.1	4.2
Hong Kong, China	[Heatmap]					4	—	—
Japan	[Heatmap]					272	127.8	13.4
Korea	[Heatmap]					1,652	25.6	11.5
Indonesia	[Heatmap]					671	14.2	1.2
Malaysia	[Heatmap]					5,880	0.8	1.9
Philippines	[Heatmap]					4,105	0.7	0.5
Singapore	[Heatmap]					3,689	0.5	2.4
Thailand	[Heatmap]					9,056	1.3	2.1
Brunei Darussalam	[Heatmap]					183.0	0.3	2.7
Cambodia	[Heatmap]					124	542.3	0.8
Lao PDR	[Heatmap]					612	1.1	1.5
Myanmar	[Heatmap]					874	1.7	0.9
Vietnam	[Heatmap]					3,991	0.3	2.6
Australia	[Heatmap]					1,900	1.9	3.8
Brazil	[Heatmap]					12,014	0.4	2.2
France	[Heatmap]					5,237	1.3	6.5
Germany	[Heatmap]					15,216	3.1	8.3
India	[Heatmap]					12,653	-19.1	0.7
United Kingdom	[Heatmap]					48,175	0.2	2.8
United States	[Heatmap]					74,799	0.5	2.9

Legend: First (Red), First-mid (Orange), Mid (Yellow), Late (Light Green), End (Dark Green), Reappearance/Minor outbreak (Grey)

Sources: Haver Analytics, sourced from John Hopkins University; World Health Organization; and AMRO staff calculations.

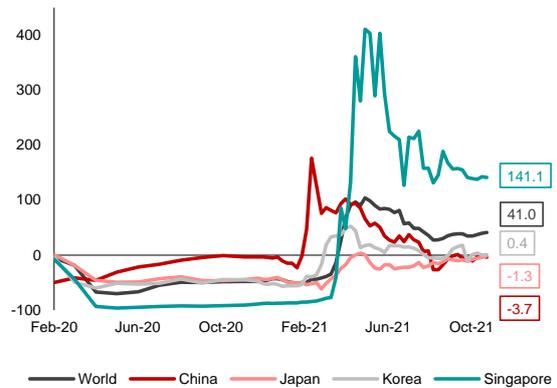
Note: Based on Hinojales, Oeking, and Ong. 2020. "Where are We in the Covid Cycle?" AMRO Analytical Note, Singapore, April 27, and Oeking. 2021. "Crushing Waves: Diving into the Covid Cycle" AMRO Analytical Note, Singapore, February 4.

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.