

## Total Confirmed Cases and Deaths

Worldwide	ASEAN+3	Plus-3	ASEAN
236,749,408 Cases	14,553,021 Cases	2,146,187 Cases	12,406,834 Cases
4,834,268 Deaths	292,047 Deaths	25,275 Deaths	266,772 Deaths

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

## Recent Developments

### Global News

- Confirmed cases continued to decline globally, except in Eastern Europe. Most of the hard-hit nations, including **Russia, Romania, Ukraine**, have low vaccination rates.
- United Kingdom** will ease travel restrictions for travelers from 47 countries, including **Indonesia, Myanmar, Philippines** and **Thailand** beginning October 11.

### Regional News

- Singapore** will launch a Vaccinated Travel Lane (VTL) arrangement with Korea from November 15. Fully vaccinated travellers with negative PCR test will not need to serve quarantine. VTL scheme with the United States will be introduced before end-2021.
- Japan** bought an additional 120 million doses of Pfizer-BioNTech vaccines that will mostly be used for booster shots.
- Lao PDR** is considering allowing COVID-19 patients with mild or no symptoms to self-isolate at home, to preserve healthcare capacity.
- Malaysia** approved the use of Pfizer-BioNTech vaccine as a booster dose for adults aged 18 and above, at least six months after their second dose. The booster shots are not compulsory but highly recommended for those in vulnerable and high-risk groups.
- Vietnam** is planning to reopen key tourist destinations to vaccinated visitors from low-risk countries from December. Full resumption of tourism is targeted for June 2022.

### Vaccine News

- Pfizer-BioNTech is seeking emergency use authorization from the United States for the use of their vaccines for 5- to 11-year-olds.
- Sweden** and **Denmark** have paused the use of the Moderna vaccine for all young adults and children. **Finland** has paused the use for men under 20 years old. A study involving these countries and **Norway** found that men under the age of 30 who received Moderna vaccine had a slightly higher risk than others of developing myocarditis.

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

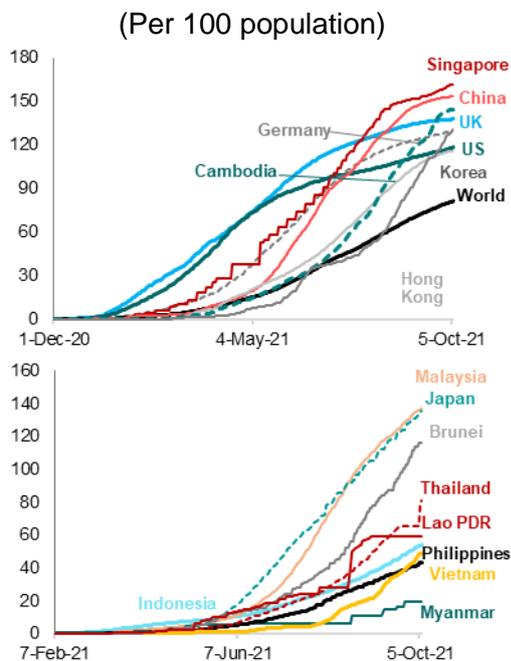
Economy	Total Cases ('000)	Cases per 1M Population	New Cases <sup>1</sup>	New Cases <sup>1</sup> since 2020 <sup>2</sup>	New Cases per 1M Pop. <sup>1</sup>	ΔNew Cases <sup>1</sup>	Δ% New Cases <sup>1</sup>	Total Deaths	New Deaths <sup>1</sup>	Fatality Rate (%)
Global	236,749		425,417			-26,680	0.2	4,834,268	7,221	2.0
ASEAN+3	14,553		45,630			-15,267	0.3	292,047	605	2.0
Plus-3	2,146		3,111			-1,493	0.1	25,275	38	1.2
ASEAN	12,407		42,518			-13,774	0.3	266,772	567	2.2
China	96	69	28		0	-3	0.0	4,636	0	4.8
Hong Kong, China	12	1,605	5		1	-2	0.0	213	0	1.7
Japan	1,710	13,594	1,050		8	-854	0.1	17,872	30	1.0
Korea	328	6,300	2,029		39	-634	0.6	2,554	8	0.8
Indonesia	4,224	15,654	1,340		5	-595	0.0	142,494	79	3.4
Malaysia	2,314	69,647	9,719		293	-2,998	0.4	27,113	111	1.2
Philippines	2,623	23,836	10,422		95	-6,037	0.4	38,828	76	1.5
Singapore	117	20,495	2,906		510	955	2.8	136	6	0.1
Thailand	1,678	24,675	10,689		157	-577	0.7	17,418	99	1.0
Brunei Darussalam	8.26	18,319	164		363	-55	2.2	62	3	0.8
Cambodia	114.15	6,818	214		13	-648	0.2	2,441	17	2.1
Lao PDR	26.88	3,699	433		60	-24	1.7	23	1	0.1
Myanmar	474.42	8,888	1,478		28	-47	0.3	18,034	43	3.8
Vietnam	826.84	8,577	5,155		53	-3,748	0.6	20,223	132	2.4
Australia	123	4,719	2,198		85	307	1.9	1,405	13	1.1
Brazil	21,533	101,869	15,069		71	-1,916	0.1	599,810	437	2.8
France	7,039	108,298	27,838		428	23,142	-2.2	116,957	352	1.7
Germany	4,296	51,772	8,015		97	0	0.2	94,117	57	2.2
India	33,894	24,748	18,229		13	-6,328	0.1	449,856	217	1.3
United Kingdom	8,084	120,204	39,612		589	5,160	0.5	137,818	165	1.7
United States	43,953	132,768	99,442		300	-12,277	1.2	706,707	1,707	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.

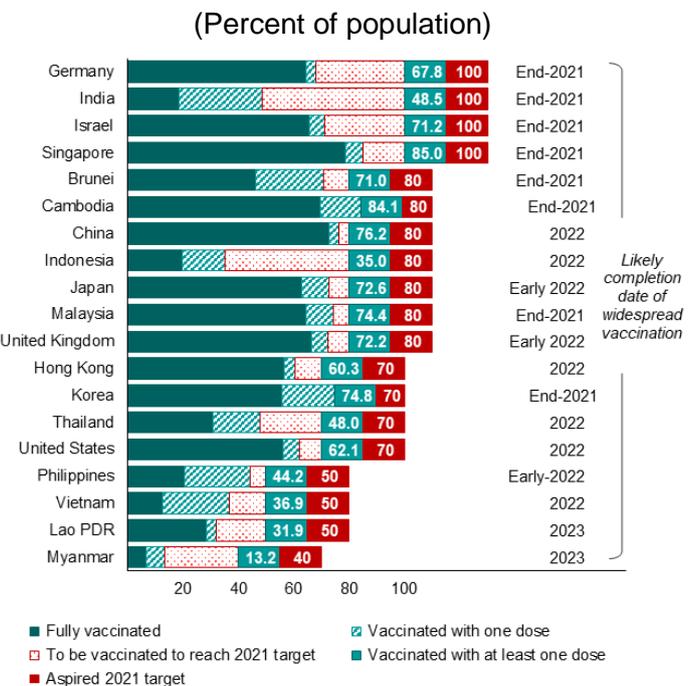
## ASEAN+3 and Selected Economies: Total Vaccines Administered



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.

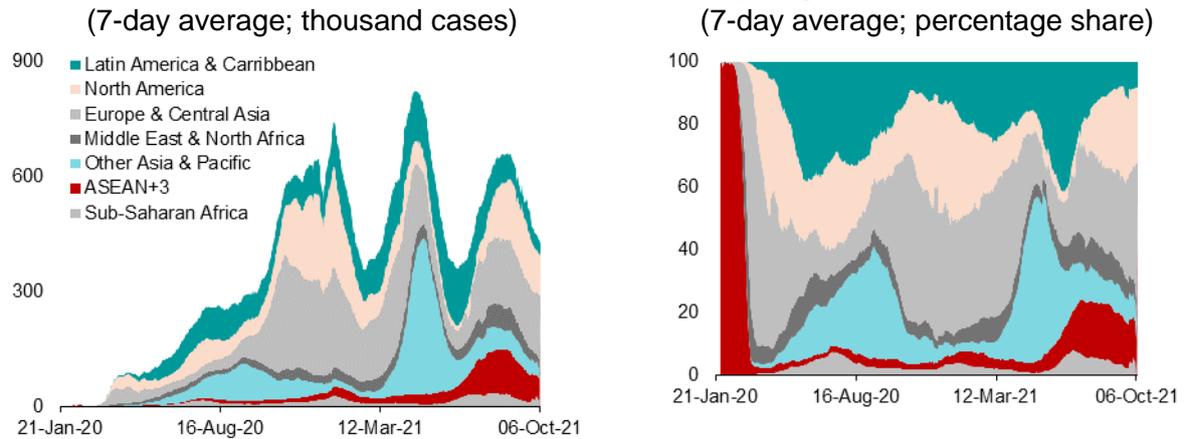
## ASEAN+3 and Selected Economies: Vaccinations and Aspired Population Coverage



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

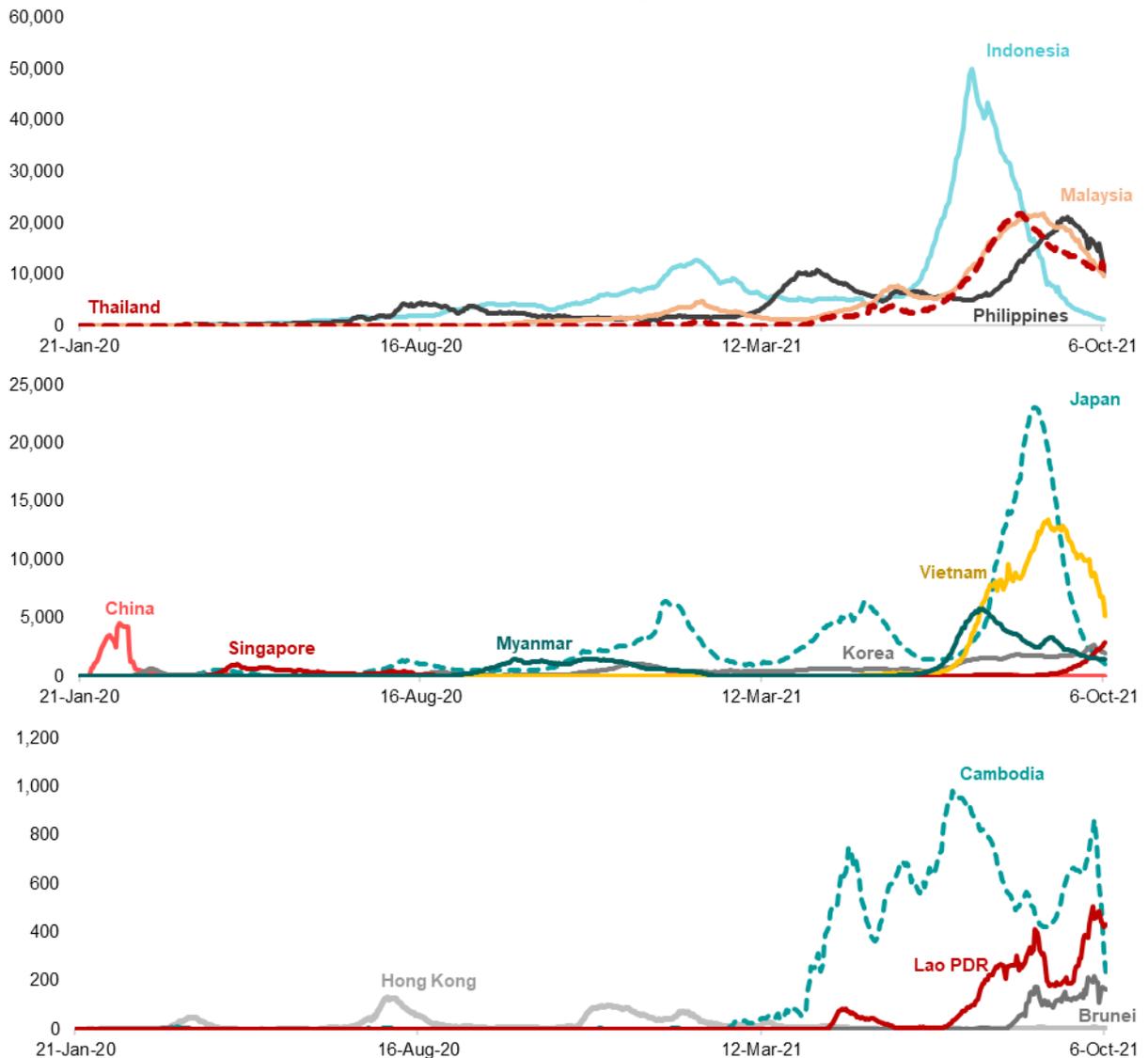
Note: Percent of population vaccinated shows total administered doses divided by two to reflect the two-dose regime of most vaccines—it does not necessarily reflect the actual number of fully vaccinated people. Aspired 2021 targets and completion dates of widespread vaccination are goals, forecasts, or estimates.

### World: Confirmed Cases by Region



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

	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]					28 ↓	6,123.5	4.2
Hong Kong, China	[Heatmap]					5 ↓	—	—
Japan	[Heatmap]					1,050 ↓	93.5	13.4
Korea	[Heatmap]					2,029 ↓	16.8	11.5
Indonesia	[Heatmap]					1,340 ↓	1.4	1.2
Malaysia	[Heatmap]					9,719 ↓	0.3	1.9
Philippines	[Heatmap]					10,422 ↓	0.2	0.5
Singapore	[Heatmap]					2,906 ↑	0.4	2.4
Thailand	[Heatmap]					10,689 ↓	0.2	2.1
Brunei Darussalam	[Heatmap]					163.7 ↓	0.4	2.7
Cambodia	[Heatmap]					214 ↓	4.6	0.8
Lao PDR	[Heatmap]					433 ↓	1.5	1.5
Myanmar	[Heatmap]					1,478 ↓	5.0	0.9
Vietnam	[Heatmap]					5,155 ↓	1.5	2.6
Australia	[Heatmap]					2,198 ↑	2.3	3.8
Brazil	[Heatmap]					15,069 ↓	0.3	2.2
France	[Heatmap]					27,838 ↑	2.0	6.5
Germany	[Heatmap]					8,015 ↑	4.3	8.3
India	[Heatmap]					18,229 ↓	5.9	0.7
United Kingdom	[Heatmap]					39,612 ↑	0.3	2.8
United States	[Heatmap]					99,442 ↓	0.4	2.9

■ 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

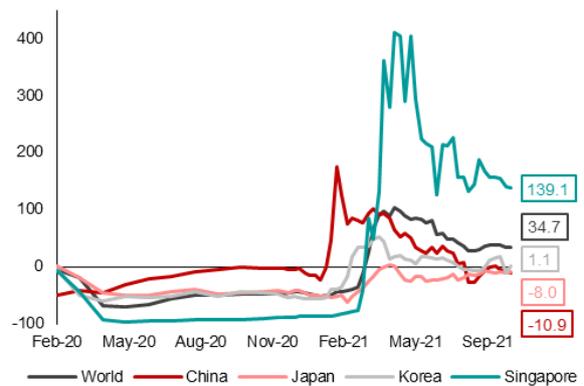
(Percentage change from baseline; 5-day moving average)



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.