

Friday, September 24, 2021  
Data as of September 23, 2021

## Total Confirmed Cases and Deaths

Worldwide	ASEAN+3	Plus-3	ASEAN
230,567,044 Cases	13,807,334 Cases	2,092,178 Cases	11,715,156 Cases
4,728,496 Deaths	281,417 Deaths	24,680 Deaths	256,737 Deaths

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

## Recent Developments

### Global News

- **United States (US)** has pledged to donate 500 million more COVID-19 vaccine doses to other countries, bringing total vaccine doses donated by the **US** to 1.1 billion.
- **Germany** will stop paying salary subsidies for unvaccinated workers who have to be quarantined. The government hopes this move will boost the vaccination campaign.
- **Italy** has pledged to donate 45 million vaccine doses to other countries by the end of the year – three times its original commitment.

### Regional News

- The state of emergency in most prefectures in Japan could be lifted if infections continue to decline. Daily confirmed cases continued to trend downward since end-August.
- **Vietnam** has delayed reopening Phu Quoc resort to foreign tourists until November, after failing to meet vaccination targets due to insufficient vaccine supplies.
- Average daily infections in **Korea** reached a record-high of 1,885, due mainly to the rapid spread of the delta variant and social gatherings during the Chuseok holiday.
- **Singapore** has reduced dining-in group sizes back to two from the current cap of five, as average daily cases breached 1,000 for the first time since April 2020.

### Vaccine News

- A real-world study in **Malaysia** found that Sinovac vaccine is highly effective against serious illness. 0.011 percent of the 7.2 million Sinovac vaccine recipients required ICU treatment for infections, compared to 0.002 percent of 6.5 million Pfizer-BioNTech recipients and 0.001 percent of 744,958 recipients of AstraZeneca vaccines.
- Novavax has applied to the WHO for emergency use listing of its vaccine.

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

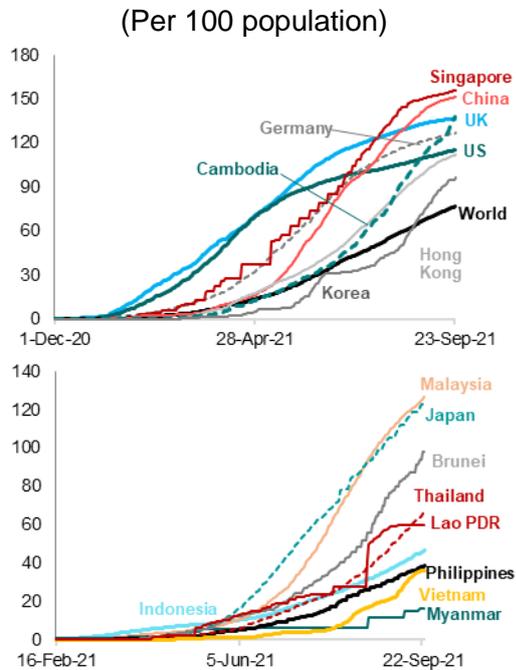
Economy	Total Cases ('000)	Cases per 1M Population	New Cases <sup>1</sup>	New Cases <sup>1</sup> since 2020 <sup>2</sup>	New Cases per 1M Pop. <sup>1</sup>	ΔNew Cases <sup>1</sup>	Δ% New Cases <sup>1</sup>	Total Deaths	New Deaths <sup>1</sup>	Fatality Rate (%)
Global	230,567		501,542			-33,764	0.2	4,728,496	8,281	2.1
ASEAN+3	13,807		69,682			-10,692	0.5	281,417	1,202	2.0
Plus-3	2,092		5,528			-3,009	0.3	24,680	56	1.2
ASEAN	11,715		64,154			-7,683	0.6	256,737	1,146	2.2
China	96	68	53		0	-11	0.1	4,636	0	4.8
Hong Kong, China	12	1,594	3		0	1	0.0	213	0	1.8
Japan	1,689	13,430	3,587		29	-3,087	0.2	17,397	49	1.0
Korea	295	5,670	1,885		36	88	0.7	2,434	6	0.8
Indonesia	4,202	15,569	2,893		11	-1,101	0.1	141,114	171	3.4
Malaysia	2,157	64,919	15,275		460	-3,293	0.7	24,681	332	1.1
Philippines	2,435	22,126	18,652		169	-1,677	0.8	37,405	198	1.5
Singapore	83	14,532	1,145		201	458	1.5	70	2	0.1
Thailand	1,525	22,416	12,911		190	-759	0.9	15,884	133	1.0
Brunei Darussalam	5.59	12,386	130		289	10	2.6	31	1	0.6
Cambodia	106.62	6,369	640		38	-18	0.6	2,176	14	2.0
Lao PDR	20.65	2,841	370		51	181	1.9	16	0	0.1
Myanmar	453.41	8,494	1,809		34	-380	0.4	17,343	68	3.8
Vietnam	728.44	7,556	10,329		107	-1,104	1.5	18,017	227	2.5
Australia	94	3,617	1,677		65	-78	1.9	1,208	10	1.3
Brazil	21,308	100,807	34,166		162	18,435	0.2	592,964	531	2.8
France	6,811	104,794	5,579		86	-1,794	0.1	114,209	53	1.7
Germany	4,184	50,420	8,073		97	-307	0.2	93,310	58	2.2
India	33,563	24,507	25,956		19	-3,583	0.1	446,050	257	1.3
United Kingdom	7,602	113,027	37,513		558	7,950	0.5	136,156	193	1.8
United States	42,468	128,283	125,767		380	-24,468	1.2	680,947	1,996	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.

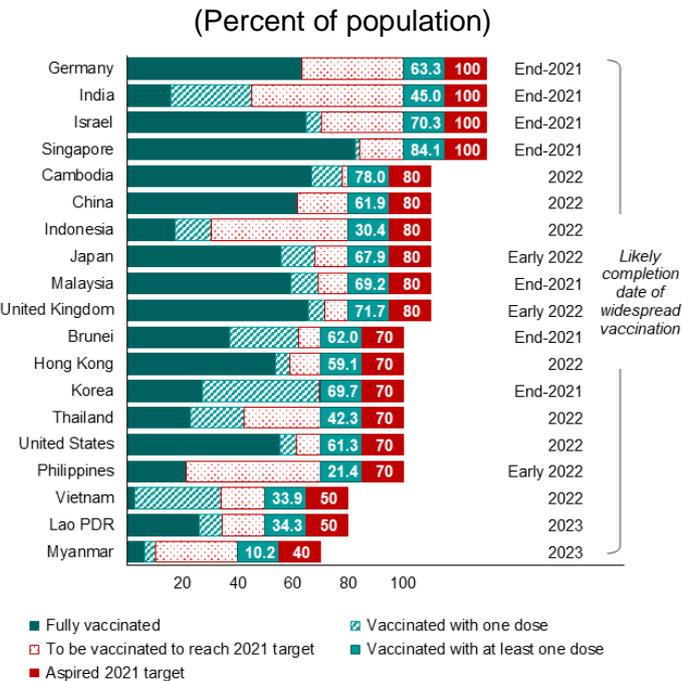
## ASEAN+3 and Selected Economies: Total Vaccines Administered



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.

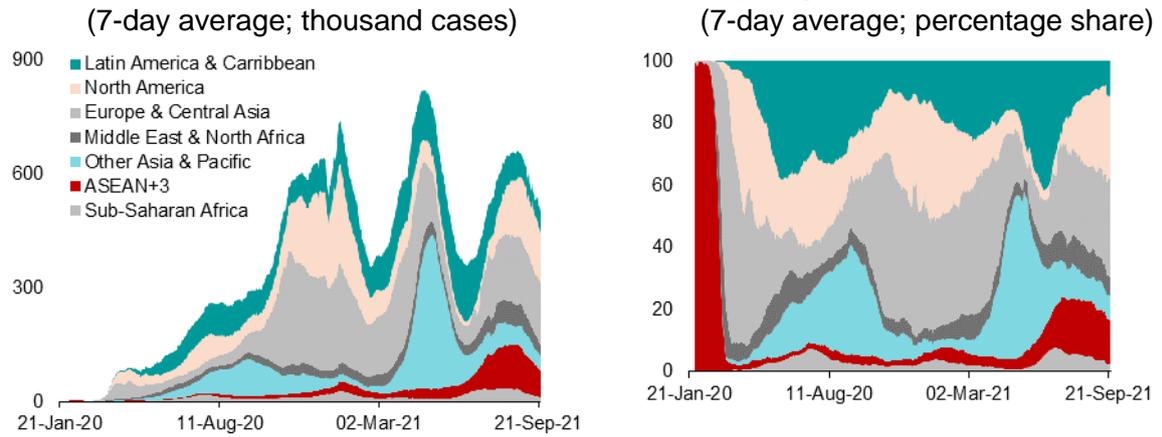
## ASEAN+3 and Selected Economies: Vaccinations and Aspired Population Coverage



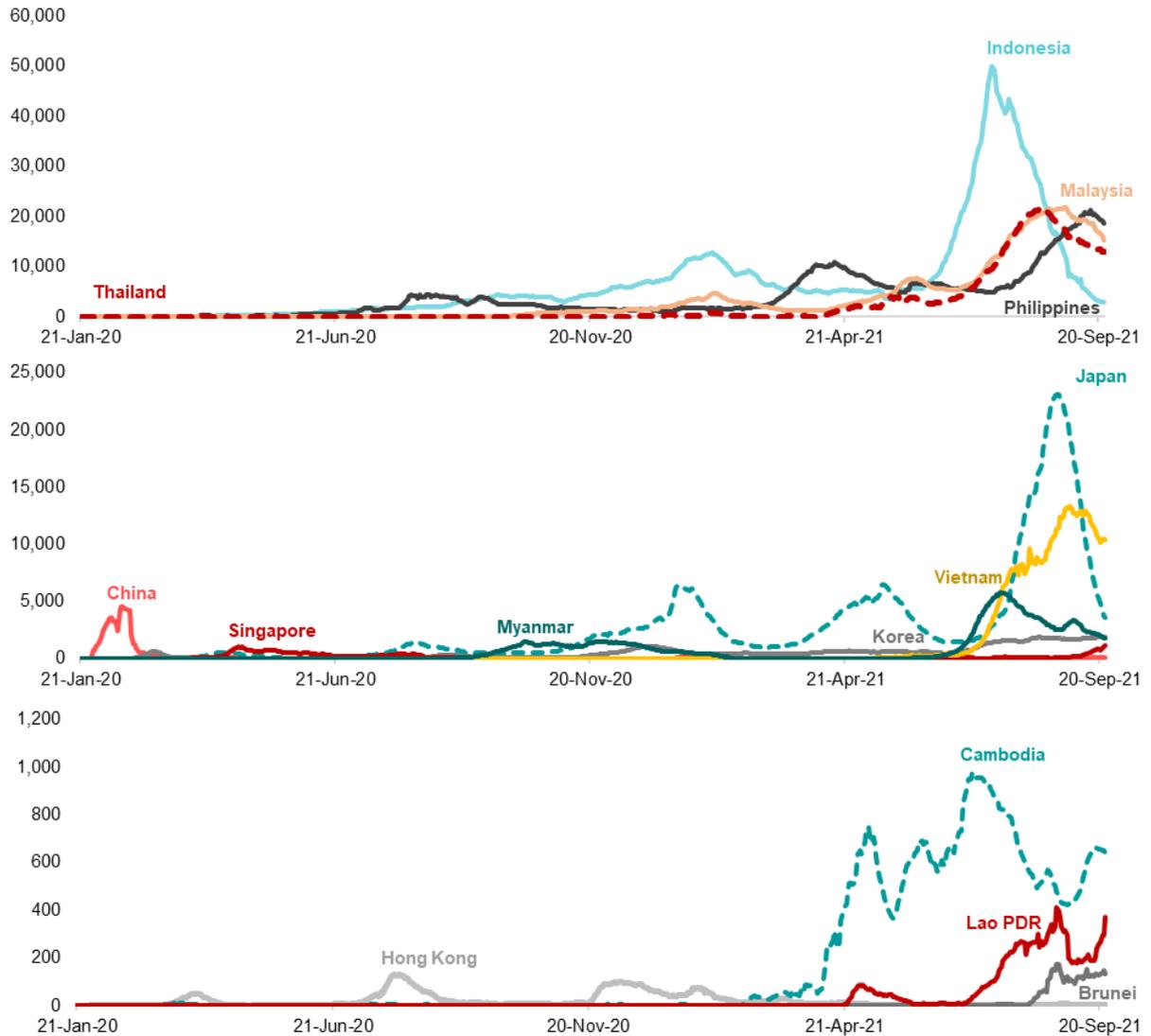
Sources: Our World in Data via Haver Analytics; various media sources; Economist Intelligence Unit; and AMRO staff estimates and calculations.

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



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



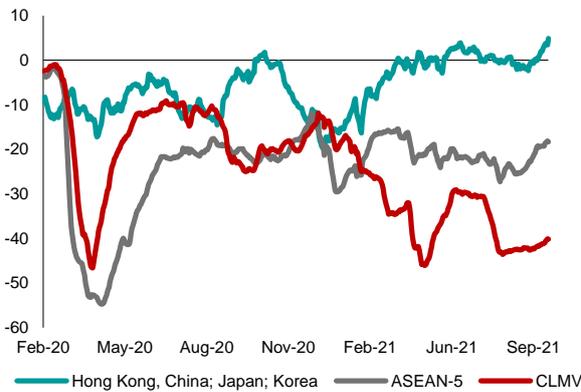
### ASEAN+3 and Selected Economies: Covid Cycle and Healthcare Indicators

	2021			Daily new cases (7-day average)	Hospital Beds to Active Cases	Hospital Bed Density (Beds per 1,000)
	JULY	AUG	SEP			
China	[Heatmap]			53 ↓	5,974.7	4.2
Hong Kong, China	[Heatmap]			3 ↑	—	—
Japan	[Heatmap]			3,587 ↓	11.2	13.4
Korea	[Heatmap]			1,885 ↑	21.4	11.5
Indonesia	[Heatmap]			2,893 ↓	-1.8	1.2
Malaysia	[Heatmap]			15,275 ↓	0.2	1.9
Philippines	[Heatmap]			18,652 ↓	0.2	0.5
Singapore	[Heatmap]			1,145 ↑	1.3	2.4
Thailand	[Heatmap]			12,911 ↓	0.2	2.1
Brunei Darussalam	[Heatmap]			130.1 ↑	0.5	2.7
Cambodia	[Heatmap]			640 ↓	7.1	0.8
Lao PDR	[Heatmap]			370 ↑	3.0	1.5
Myanmar	[Heatmap]			1,809 ↓	1.9	0.9
Vietnam	[Heatmap]			10,329 ↓	1.1	2.6
Australia	[Heatmap]			1,677 ↓	2.5	3.8
Brazil	[Heatmap]			34,166 ↑	0.3	2.2
France	[Heatmap]			5,579 ↓	1.0	6.5
Germany	[Heatmap]			8,073 ↓	3.6	8.3
India	[Heatmap]			25,956 ↓	2.9	0.7
United Kingdom	[Heatmap]			37,513 ↑	0.3	2.8
United States	[Heatmap]			125,767 ↓	0.3	2.9

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

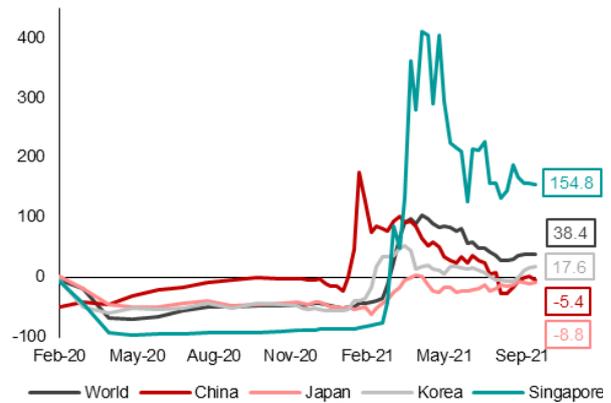
Sources: Haver Analytics, sourced from John Hopkins University; World Health Organization; and AMRO staff calculations.  
 Note: Based on Hinojales, Oeking, and Ong. 2020. "Where are We in the Covid Cycle?" AMRO Analytical Note, Singapore, April 27, and Oeking. 2021. "Crushing Waves: Diving into the 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.