

## Cumulative New Cases and Deaths

Worldwide	ASEAN+3	Plus-3	ASEAN
264,202,450 Cases	16,424,715 Cases	2,295,914 Cases	14,128,801 Cases
5,234,183 Deaths	319,628 Deaths	26,913 Deaths	292,715 Deaths

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

## Recent Developments

### Global News

- World Health Organization says measures put in place and experience gained in dealing with the delta variant should remain the foundation for fighting the omicron variant.
- The omicron variant has been reported in multiple states in the **US**, including in individuals with no recent travel history, suggesting domestic transmission.
- **India** reported its first two cases of omicron variant in the southern state of Karnataka. One of the cases has no recent travel history. Both cases had mild symptoms.
- **Australia** reports its first community transmission of the new omicron variant. Amid hopes that the omicron variant will be milder than previous strains, authorities plan to continue to reopen the economy.

### Regional News

- **Korea** will impose a 10-day quarantine on all inbound travellers beginning December 3, 2021, after confirming its first five cases of the omicron variant. Travellers from **Singapore** under the Vaccinated Travel Lane arrangement are exempted.
- **Malaysia** and **Singapore** have reported first imported cases of the omicron variant.
- **Vietnam** will ramp up monitoring measures to guard against the omicron variant, including closely checking inbound visitors who have traveled to or changed planes in countries that have reported omicron cases.

### Vaccine News

- Novavax plans to begin commercial production of a vaccine tailored for the omicron variant in January and is evaluating the efficacy of its current vaccine against the variant.
- A **UK** study tested seven different Covid-19 vaccines as booster doses and found most of them increased antibodies. The combination of doses from Moderna and Pfizer-BioNTech boosted immunity the most.
- Moderna could have a COVID-19 booster shot targeting the omicron variant tested and ready to file for authorization in the **US** as soon as March 2022.

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

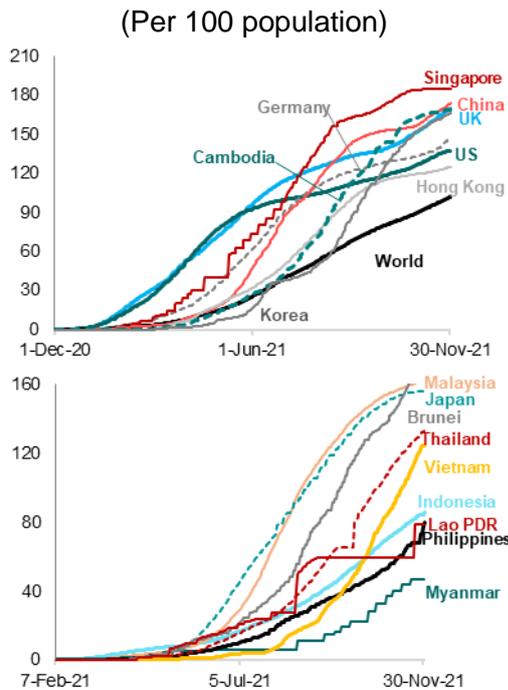
Economy	Total Cases ('000)	Cases per 1M Population	New Cases <sup>1</sup>	New Cases <sup>1</sup> since 2020 <sup>2</sup>	New Cases per 1M Pop. <sup>1</sup>	ΔNew Cases <sup>1</sup>	Δ% New Cases <sup>1</sup>	Total Deaths	New Deaths <sup>1</sup>	Fatality Rate (%)
Global	264,202		591,304			21,549	0.2	5,234,183	7,334	2.0
ASEAN+3	16,425		31,000			-5,458	0.2	319,628	455	1.9
Plus-3	2,296		3,690			160	0.2	26,913	39	1.2
ASEAN	14,129		27,311			-5,618	0.2	292,715	416	2.1
China	99	70	59		0	36	0.1	4,636	0	4.7
Hong Kong, China	12	1,630	4		1	1	0.0	213	0	1.7
Japan	1,727	13,732	97		1	-7	0.0	18,359	1	1.1
Korea	458	8,791	3,530		68	130	0.8	3,705	38	0.8
Indonesia	4,257	15,775	312		1	-41	0.0	143,850	10	3.4
Malaysia	2,644	79,589	5,007		151	-628	0.2	30,521	47	1.2
Philippines	2,833	25,749	551		5	-573	0.0	48,752	125	1.7
Singapore	267	46,852	1,195		210	-801	0.5	735	8	0.3
Thailand	2,126	31,253	4,406		65	-2,845	0.2	20,847	29	1.0
Brunei Darussalam	15.11	33,506	49		108	-5	0.3	97	0	0.6
Cambodia	120.18	7,179	25		1	-13	0.0	2,949	4	2.5
Lao PDR	76.50	10,528	1,311		180	93	1.8	186	6	0.2
Myanmar	523.35	9,805	448		8	-133	0.1	19,120	9	3.7
Vietnam	1,266.29	13,135	14,009		145	-671	1.2	25,658	179	2.0
Australia	215	8,273	1,373		53	-6	0.7	2,033	7	0.9
Brazil	22,119	104,642	9,078		43	-247	0.0	615,179	220	2.8
France	7,584	116,687	36,267		558	13,116	0.5	116,895	77	1.5
Germany	6,072	73,181	57,435		692	536	1.0	102,573	299	1.7
India	34,607	25,268	7,301		5	-2,100	0.0	469,724	322	1.4
United Kingdom	10,387	154,445	52,243		777	9,446	0.5	145,728	185	1.4
United States	48,616	146,854	100,729		304	16,202	1.2	782,271	1,443	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.

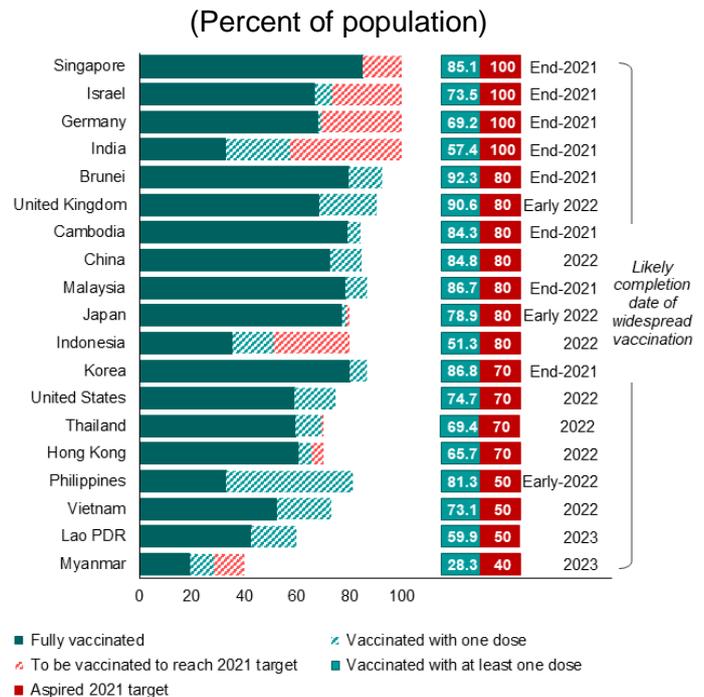
## ASEAN+3 and Selected Economies: Cumulative Vaccines Administered



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.

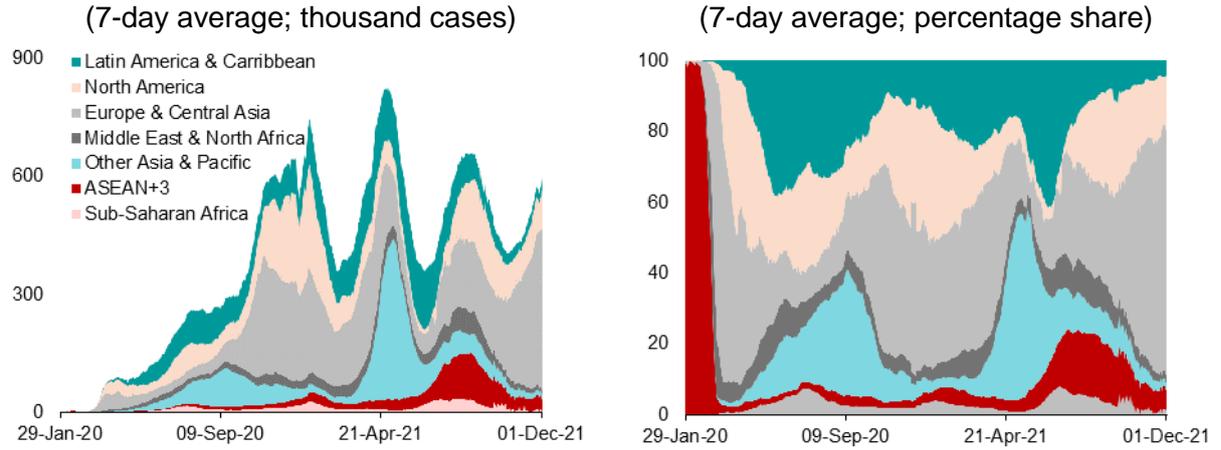
## ASEAN+3 and Selected Economies: Vaccinations and Aspired Population Coverage



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

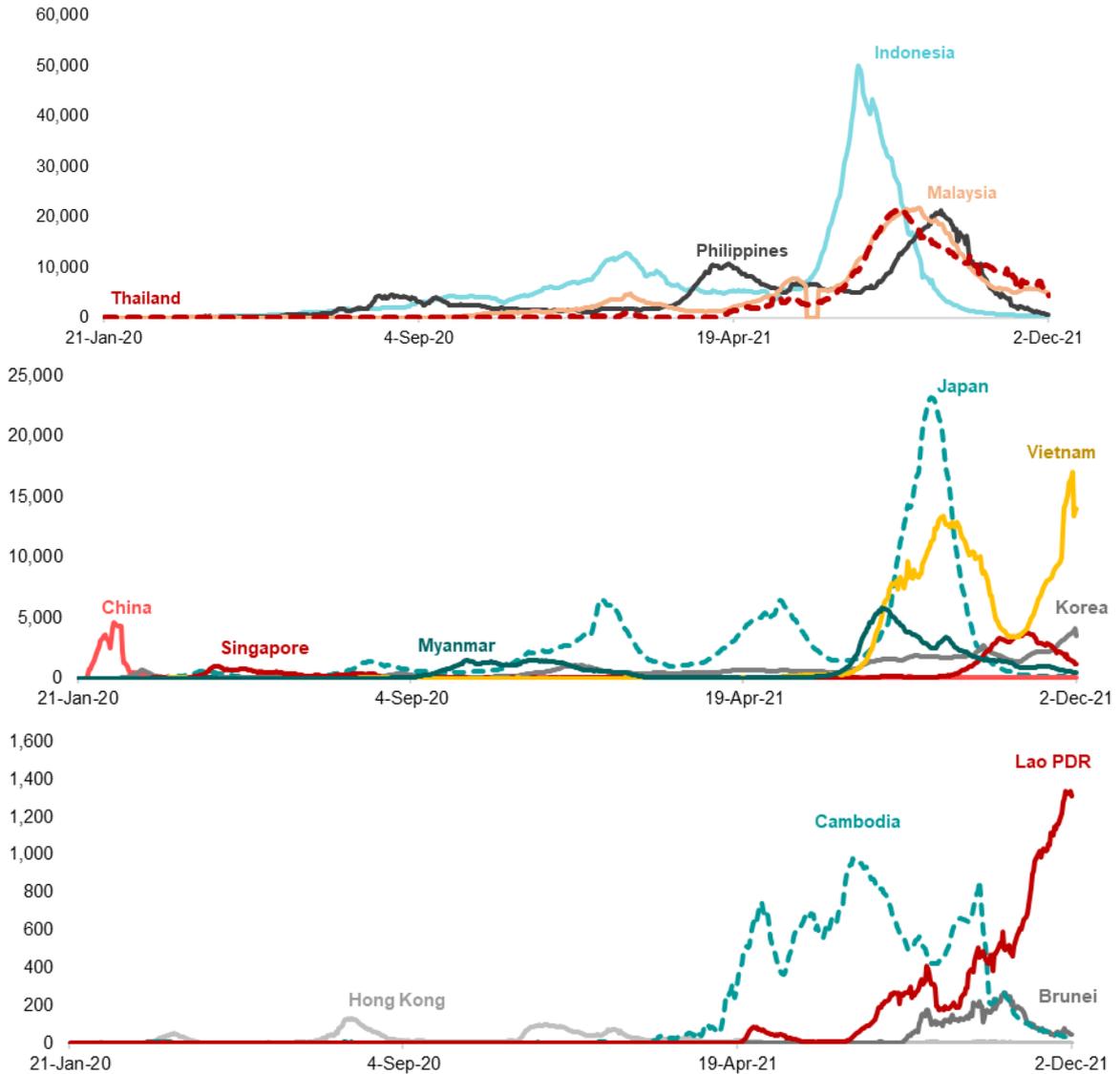
Note: Percent of population vaccinated shows total administered doses divided by two to reflect the two-dose regime of most vaccines—it does not necessarily reflect the actual number of fully vaccinated people. Aspired 2021 targets and completion dates of widespread vaccination are goals, forecasts,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

### World: New Cases by Region



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

### ASEAN+3: Daily New 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)
	AUG	SEP	OCT	NOV	DEC			
China						59 ↑	6,515.9	4.2
Hong Kong, China						4 ↑	—	—
Japan						97 ↓	3,494.1	13.4
Korea						3,530 ↑	11.1	11.5
Indonesia						312 ↓	40.5	1.2
Malaysia						5,007 ↓	0.9	1.9
Philippines						551 ↓	7.6	0.5
Singapore						1,195 ↓	0.9	2.4
Thailand						4,406 ↓	1.7	2.1
Brunei Darussalam						48.6 ↓	1.1	2.7
Cambodia						25 ↓	542.3	0.8
Lao PDR						1,311 ↑	0.5	1.5
Myanmar						448 ↓	7.0	0.9
Vietnam						14,009 ↓	0.4	2.6
Australia						1,373 ↓	3.0	3.8
Brazil						9,078 ↓	0.4	2.2
France						36,267 ↑	0.7	6.5
Germany						57,435 ↑	0.7	8.3
India						7,301 ↓	29.2	0.7
United Kingdom						52,243 ↑	0.2	2.8
United States						100,729 ↑	0.4	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

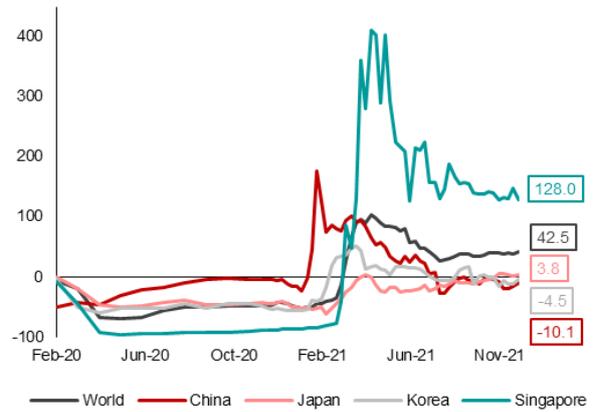
(Percentage change from baseline; 5-day moving average)



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.