

Friday, October 15, 2021
Data as of October 14, 2021

Cumulative New Cases and Deaths

| Worldwide | ASEAN+3 | Plus-3 | ASEAN |
|----------------------|---------------------|--------------------|---------------------|
| 239,591,277 Cases | 14,846,637 Cases | 2,162,185 Cases | 12,684,452 Cases |
| 4,881,687 Deaths | 296,416 Deaths | 25,538 Deaths | 270,878 Deaths |

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

Recent Developments

Global News

- **New South Wales** has removed quarantine requirements for fully vaccinated travellers arriving from November 1.
- **New Zealand** reported its largest rise in infections in six weeks, with all cases detected in Auckland, raising prospects of an extension of lockdown beyond next week.
- **Italy's** public and private sector workers will be required to show proof of vaccination as of October 15. Despite a high national vaccination rate, the move has stoked tensions.
- Fully vaccinated travelers to **England** from countries not on the red list will be allowed to take the cheaper lateral flow coronavirus tests instead of PCR tests from October 24.
- **South Africa** will begin vaccinating children aged 12 to 17 from next week.

Regional News

- **Korea** will lift curbs on social gatherings next week, as the country prepares to switch to a "living with COVID-19" strategy. Starting Monday, gatherings of up to four unvaccinated persons will be allowed.
- **Indonesia** has reopened Bali to 19 countries, including **China, Japan and Korea.**
- **Cambodia** is studying ways to enable quarantine-free travel for fully-vaccinated visitors from low-risk countries after a sharp decline in the number of cases.
- **Vietnam** will categorise localities based on COVID-19 risks. Stringency of containment measures will also be adjusted based on the risk levels. Areas that have vaccinated at least 70 percent of the adult population with one dose of the COVID-19 vaccine will be assigned as Level 1. Level 4 represents high-risk areas, with more restricted mobility.

Vaccine News

- Health advisers to the **United States** FDA has recommended a half-dose booster for individuals inoculated with the Moderna's COVID-19 vaccine at least six months ago.

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

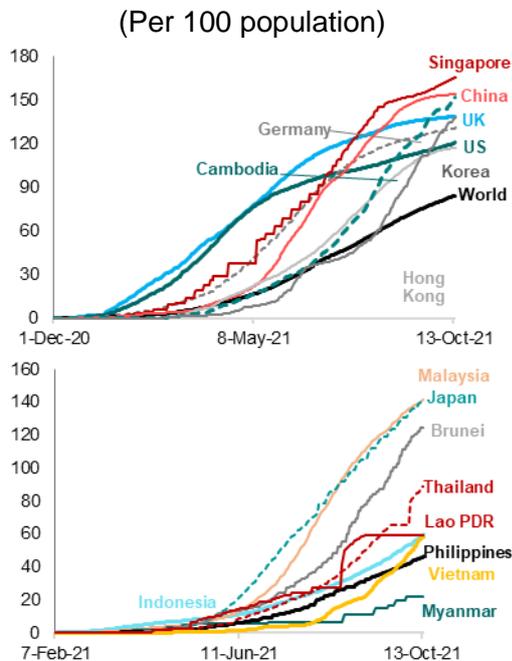
| Economy | Total Cases ('000) | Cases per 1M Population | New Cases ¹ | New Cases ¹ since 2020 ² | New Cases per 1M Pop. ¹ | ΔNew Cases ¹ | Δ% New Cases ¹ | Total Deaths | New Deaths ¹ | Fatality Rate (%) |
|-------------------|--------------------|-------------------------|------------------------|--|------------------------------------|-------------------------|---------------------------|--------------|-------------------------|-------------------|
| Global | 239,591 | | 402,944 | | | -25,495 | 0.2 | 4,881,687 | 6,689 | 2.0 |
| ASEAN+3 | 14,847 | | 41,945 | | | -3,685 | 0.3 | 296,416 | 624 | 2.0 |
| Plus-3 | 2,162 | | 2,285 | | | -826 | 0.1 | 25,538 | 38 | 1.2 |
| ASEAN | 12,684 | | 39,660 | | | -2,859 | 0.3 | 270,878 | 587 | 2.1 |
| China | 96 | 69 | 19 | | 0 | -9 | 0.0 | 4,636 | 0 | 4.8 |
| Hong Kong, China | 12 | 1,608 | 4 | | 0 | -1 | 0.0 | 213 | 0 | 1.7 |
| Japan | 1,714 | 13,630 | 637 | | 5 | -413 | 0.0 | 18,063 | 27 | 1.1 |
| Korea | 339 | 6,519 | 1,626 | | 31 | -403 | 0.5 | 2,626 | 10 | 0.8 |
| Indonesia | 4,232 | 15,682 | 1,087 | | 4 | -253 | 0.0 | 142,848 | 51 | 3.4 |
| Malaysia | 2,370 | 71,329 | 7,984 | | 240 | -1,735 | 0.3 | 27,681 | 81 | 1.2 |
| Philippines | 2,698 | 24,520 | 10,759 | | 98 | 338 | 0.4 | 40,221 | 199 | 1.5 |
| Singapore | 138 | 24,259 | 3,066 | | 538 | 160 | 2.4 | 207 | 10 | 0.1 |
| Thailand | 1,752 | 25,754 | 10,487 | | 154 | -202 | 0.6 | 18,029 | 87 | 1.0 |
| Brunei Darussalam | 9.83 | 21,792 | 224 | | 496 | 60 | 2.5 | 67 | 1 | 0.7 |
| Cambodia | 115.88 | 6,922 | 247 | | 15 | 33 | 0.2 | 2,584 | 20 | 2.2 |
| Lao PDR | 30.62 | 4,213 | 534 | | 74 | 101 | 1.9 | 36 | 2 | 0.1 |
| Myanmar | 484.32 | 9,073 | 1,414 | | 26 | -64 | 0.3 | 18,255 | 32 | 3.8 |
| Vietnam | 853.84 | 8,857 | 3,858 | | 40 | -1,297 | 0.5 | 20,950 | 104 | 2.5 |
| Australia | 139 | 5,341 | 2,308 | | 89 | 110 | 1.8 | 1,507 | 15 | 1.1 |
| Brazil | 21,612 | 102,245 | 11,383 | | 54 | -3,687 | 0.1 | 602,099 | 327 | 2.8 |
| France | 6,900 | 106,161 | 4,147 | | 64 | 294 | 0.1 | 114,887 | 25 | 1.7 |
| Germany | 4,355 | 52,486 | 8,470 | | 102 | 456 | 0.2 | 94,530 | 59 | 2.2 |
| India | 34,021 | 24,841 | 15,023 | | 11 | -6,243 | 0.0 | 451,435 | 187 | 1.3 |
| United Kingdom | 8,357 | 124,252 | 44,315 | | 659 | 10,122 | 0.5 | 138,647 | 176 | 1.7 |
| United States | 44,560 | 134,602 | 86,746 | | 262 | -12,696 | 1.2 | 718,059 | 1,575 | 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.

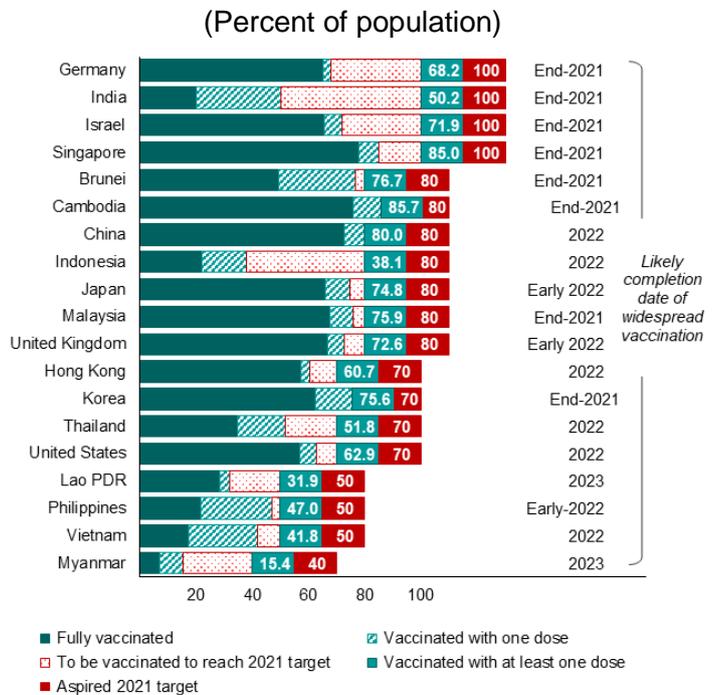
ASEAN+3 and Selected Economies: Cumulative Vaccines Administered



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.

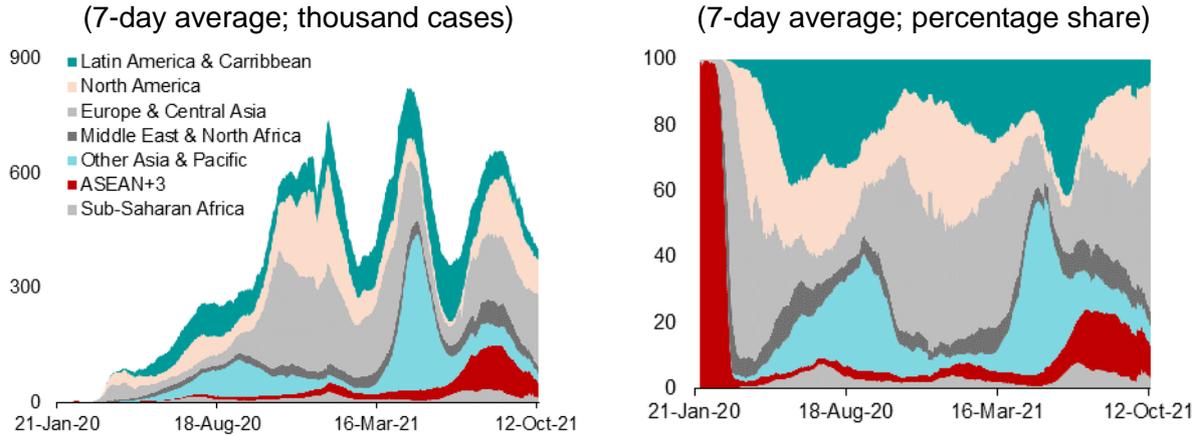
ASEAN+3 and Selected Economies: Vaccinations and Aspired Population Coverage



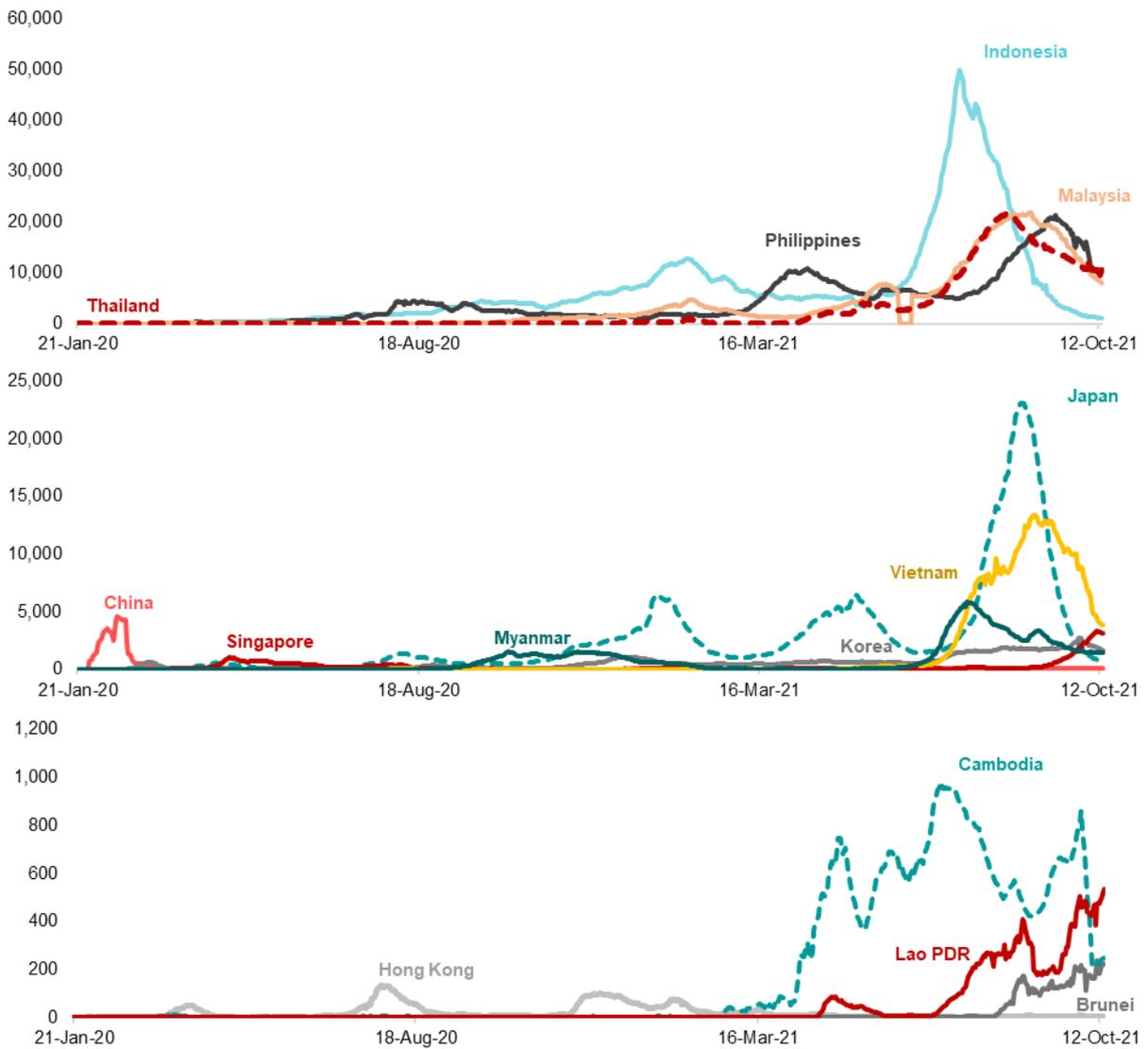
Sources: Our World in Data via Haver Analytics; various media sources; Economist Intelligence Unit; and AMRO staff estimates and calculations.

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)



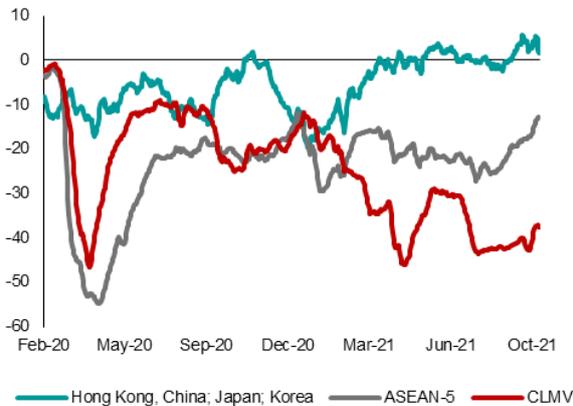
ASEAN+3 and Selected Economies: Covid Cycle and Healthcare Indicators

| | 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] | | | | | 19 ↓ | 8,602.3 | 4.2 |
| Hong Kong, China | [Heatmap] | | | | | 4 ↓ | — | — |
| Japan | [Heatmap] | | | | | 637 ↓ | 127.8 | 13.4 |
| Korea | [Heatmap] | | | | | 1,626 ↓ | 17.0 | 11.5 |
| Indonesia | [Heatmap] | | | | | 1,087 ↓ | 14.2 | 1.2 |
| Malaysia | [Heatmap] | | | | | 7,984 ↓ | 0.5 | 1.9 |
| Philippines | [Heatmap] | | | | | 10,759 ↑ | 0.9 | 0.5 |
| Singapore | [Heatmap] | | | | | 3,066 ↓ | 0.5 | 2.4 |
| Thailand | [Heatmap] | | | | | 10,487 ↓ | 1.3 | 2.1 |
| Brunei Darussalam | [Heatmap] | | | | | 223.7 ↓ | 0.3 | 2.7 |
| Cambodia | [Heatmap] | | | | | 247 ↓ | 542.3 | 0.8 |
| Lao PDR | [Heatmap] | | | | | 534 ↓ | 1.3 | 1.5 |
| Myanmar | [Heatmap] | | | | | 1,414 ↓ | 1.7 | 0.9 |
| Vietnam | [Heatmap] | | | | | 3,858 ↓ | 5.6 | 2.6 |
| Australia | [Heatmap] | | | | | 2,308 ↓ | 2.1 | 3.8 |
| Brazil | [Heatmap] | | | | | 11,383 ↓ | 0.4 | 2.2 |
| France | [Heatmap] | | | | | 4,147 ↓ | 1.3 | 6.5 |
| Germany | [Heatmap] | | | | | 8,470 ↓ | 4.3 | 8.3 |
| India | [Heatmap] | | | | | 15,023 ↓ | 12.1 | 0.7 |
| United Kingdom | [Heatmap] | | | | | 44,315 ↓ | 0.3 | 2.8 |
| United States | [Heatmap] | | | | | 86,746 ↓ | 0.4 | 2.9 |

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

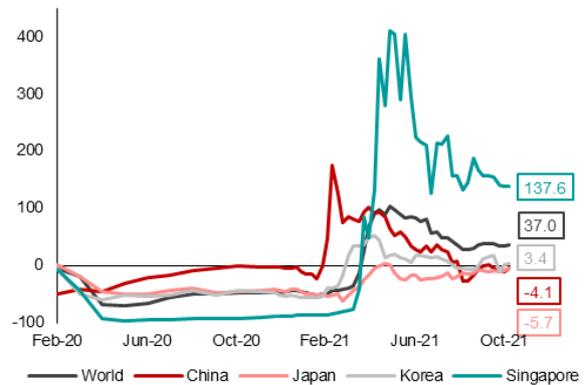
Sources: Haver Analytics, sourced from John Hopkins University; World Health Organization; and AMRO staff calculations.
 Note: Based on Hinojales, Oeking, and Ong. 2020. "Where are We in the Covid Cycle?" AMRO Analytical Note, Singapore, April 27, and Oeking. 2021. "Crushing Waves: Diving into the Covid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