COVID Monitor

AMRO
ASEAN +3 MACROECONOMIC RESEARCH OFFICE

Cumulative New Cases and Deaths

Worldwide	ASEAN+3	Plus-3	ASEAN
662,857,654 Cases	98,016,512 Cases	62,349,564 Cases	35,666,952 Cases
6,702,326 Deaths	468,457 Deaths	108,391 Deaths	360,066 Deaths

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

Recent Developments

Global News

- **India** has found 11 Omicron subvariants in international travelers, including the BA.5.2 subvariant and a sublineage of BF.7 subvariant that are driving **China's** outbreak.
- The **European** Commission is considering imposing negative COVID-19 test requirements and mask mandates in planes for travelers from **China**.

Regional News

- **Japan** will require negative pre-departure test for travellers from **China** from January 8. Airlines were asked to continue to limit additional flights from **China**.
- **Hong Kong** will reopen its land, sea and air borders with Mainland **China** with 60,000 travellers allowed per day, from January 8. A similar number will be allowed to travel from the mainland to **Hong Kong** with no mandatory quarantine.
- **Singapore** does not expect influx of tourists from **China** to worsen domestic COVID-19 infections as the virus strains in **China** are already present locally.
- **Thailand** will not require any pre-departure or on-arrival COVID-19 test for visitors from **China**. Proof of COVID-19 vaccination for all inbound visitors will be reimposed.

Vaccine News

- CanSino Biologics Inc. from **China** has started trial production of an mRNA vaccine targeting new variants of COVID-19 that are behind the country's current outbreak.
- The **US** is recommending annual COVID-19 booster shots for its residents.
- **China** has rejected free COVID-19 vaccines from the **US** and the **EU**, citing strengthening clinical efficacy of its ample domestic jabs.

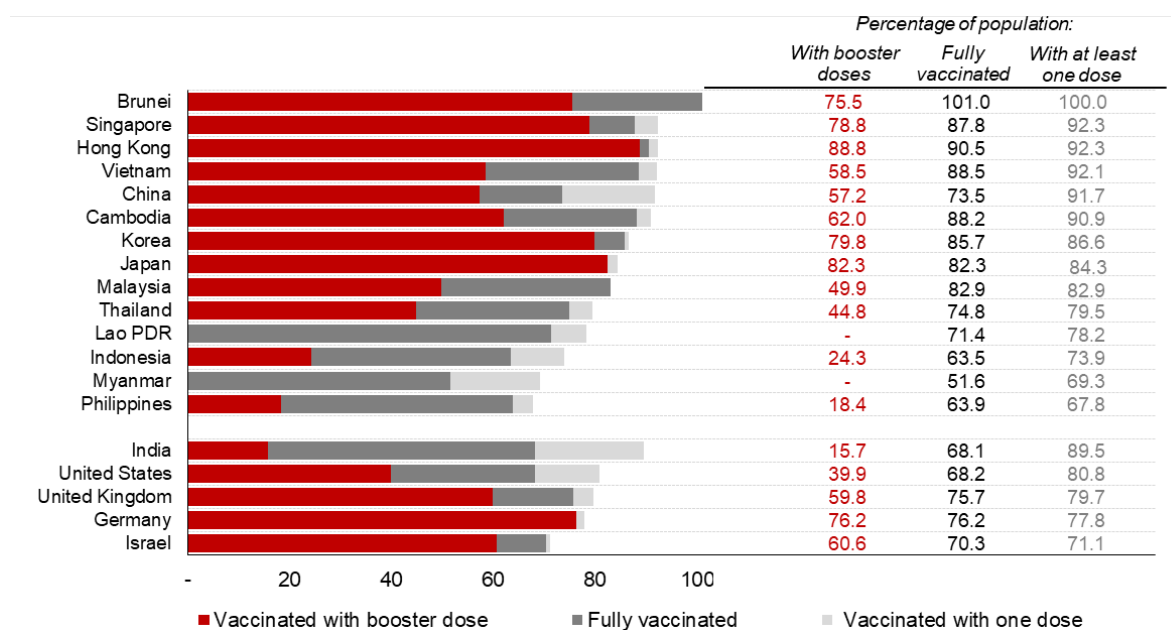# ASEAN+3 and Selected Economies: COVID-19 Cases and Deaths

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	662,858		463,412			-57,060	0.1	6,702,326	2,111	1.0
ASEAN+3	98,017	224,769				-35,665	0.2	468,457	410	0.5
Plus-3	62,350	202,584				-54,409	0.3	108,391	388	0.2
ASEAN	35,667	22,186				18,743	0.1	360,066	22	1.0
China	388	276	0		0	0	0.0	5,242	0	1.4
Hong Kong, China	2,720	356,287	21,666		2,838	715	0.8	12,149	67	0.4
Japan	29,821	237,130	120,364		957	-49,708	0.4	58,504	264	0.2
Korea	29,420	565,165	60,554		1,163	-5,416	0.2	32,496	57	0.1
Indonesia	6,722	24,910	493		2	-206	0.0	160,665	12	2.4
Malaysia	5,029	151,374	459		14	-161	0.0	36,866	2	0.7
Philippines	4,200	38,170	19,558		178	18,995	0.5	60,458	0	1.4
Singapore	2,206	386,909	829		145	-95	0.0	1,712	0	0.1
Thailand	4,724	69,449	259		4	-156	0.0	33,650	8	0.7
Brunei Darussalam	270	599,111	483		1,071	483	0.2	225	0	0.1
Cambodia	139	8,280	7		0	-7	0.0	3,056	0	2.2
Lao PDR	218	29,982	11		1	-13	0.0	758	0	0.3
Myanmar	634	11,872	8		0	-1	0.0	19,490	0	3.1
Vietnam	11,526	119,551	80		1	-96	0.0	43,186	0	0.4
Australia	11,191	430,821	9,334		359	1,173	0.1	17,285	37	0.2
Brazil	36,423	172,314	17,246		82	-12,692	0.0	694,411	97	1.9
France	38,352	590,092	15,610		240	-11,990	0.0	159,058	113	0.4
Germany	37,496	451,889	21,486		259	-8,451	0.1	162,518	171	0.4
India	44,681	32,624	166		0	-46	0.0	530,710	2	1.2
United Kingdom	24,442	363,420	43,816		651	43,816	0.2	214,718	210	0.9
United States	100,009	302,093	64,224		194	11,193	0.1	1,089,966	494	1.1

Source: Haver Analytics, sourced from Johns Hopkins University; and AMRO staff calculations.
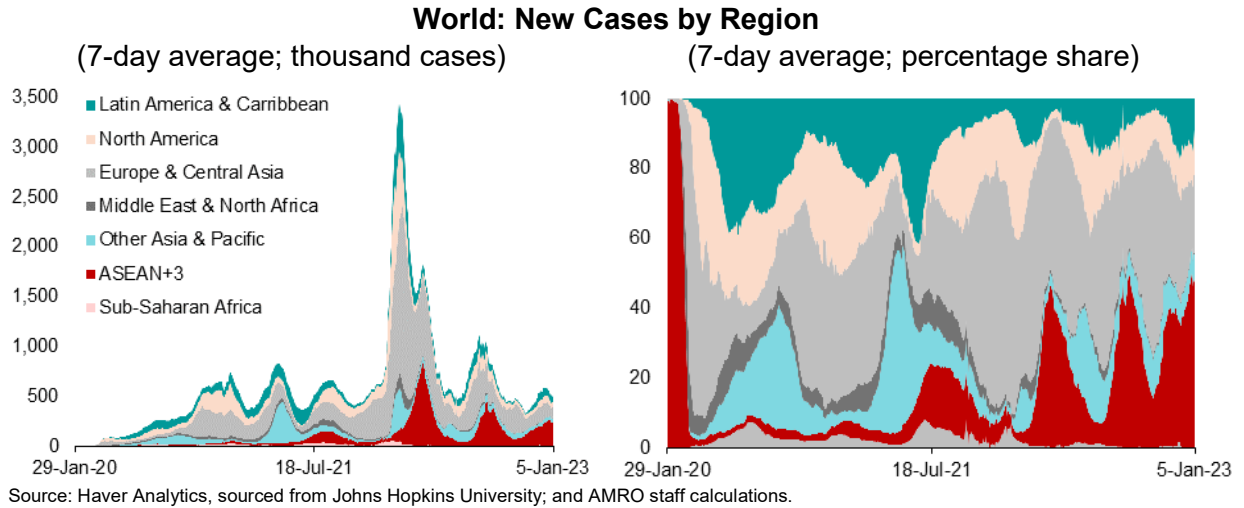1/ Values show the 7-day average.
2/ Since January 31, 2020.

ASEAN+3 and Selected Economies: Vaccination Coverage Status
(Percent of population)

Economy	Percentage of population: With booster doses	Fully vaccinated	With at least one dose
Brunei	75.5	101.0	100.0
Singapore	78.8	87.8	92.3
Hong Kong	88.8	90.5	92.3
Vietnam	58.5	88.5	92.1
China	57.2	73.5	91.7
Cambodia	62.0	88.2	90.9
Korea	79.8	85.7	86.6
Japan	82.3	82.3	84.3
Malaysia	49.9	82.9	82.9
Thailand	44.8	74.8	79.5
Lao PDR	-	71.4	78.2
Indonesia	24.3	63.5	73.9
Myanmar	-	51.6	69.3
Philippines	18.4	63.9	67.8
India	15.7	68.1	89.5
United States	39.9	68.2	80.8
United Kingdom	59.8	75.7	79.7
Germany	76.2	76.2	77.8
Israel	60.6	70.3	71.1

Legend: ■ Vaccinated with booster dose ■ Fully vaccinated ■ Vaccinated with one dose
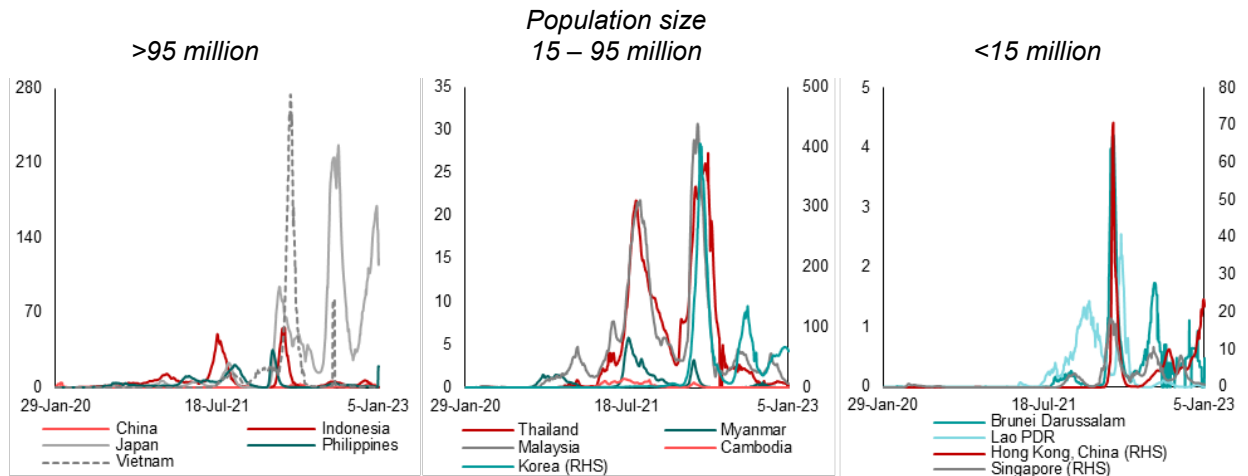
Sources: Our World in Data via Haver Analytics; and AMRO staff calculations.
Note: Percent of fully vaccinated population shows the number of people who received all doses prescribed by the vaccination protocol (e.g. one dose of a single-dose vaccine, or two doses of a two-dose vaccine). In the event of discrepancy between data from Our World in Data and national authorities, data from national authorities take precedence.
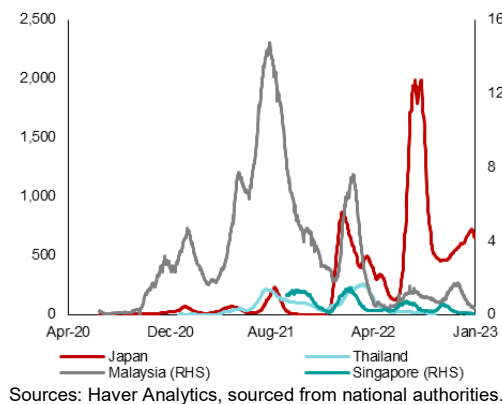
World: New Cases by Region

(7-day average; thousand cases)

Legend:
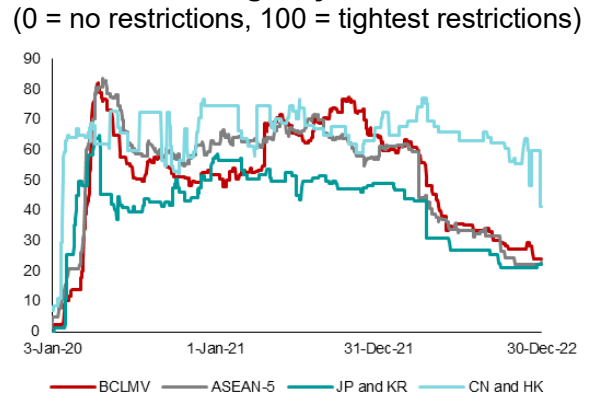- Latin America & Carribbean
- North America
- Europe & Central Asia
- Middle East & North Africa
- Other Asia & Pacific
- ASEAN+3
- Sub-Saharan Africa

(7-day average; percentage share)

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

ASEAN+3: Daily New Cases by Size of Population
(7-day average; thousand cases)

Population size

>95 million

China, Indonesia, Japan, Philippines, Vietnam

15 – 95 million

Thailand, Myanmar, Malaysia, Cambodia, Korea (RHS)

<15 million

Brunei Darussalam, Lao PDR, Hong Kong, China (RHS), Singapore (RHS)

Source: Haver Analytics, sourced from Johns Hopkins University; and AMRO staff calculations.
Note: For ease of comparability, ASEAN+3 economies are grouped by population size.

Selected ASEAN+3: COVID-19 Hospitalizations
(Thousand persons)

Japan, Thailand, Malaysia (RHS), Singapore (RHS)

Sources: Haver Analytics, sourced from national authorities.

ASEAN+3: Government Response Stringency Index
(0 = no restrictions, 100 = tightest restrictions)

BCLMV, ASEAN-5, JP and KR, CN and HK

Sources: Our World in Data via Haver Analytics; and AMRO staff calculations.
Note: The stringency index records the strictness of "lockdown-style" policies that primarily restrict people's behavior. The index is a composite measure based on nine response indicators:
(1) school closing; (2) workplace closing; (3) cancellation of public events; (4) restrictions on gatherings; (5) closure of public transport; (6) stay-at-home requirements; (7) restrictions on internal movement; (8) international travel controls; and (9) public information campaigns. The indicators are scaled to a value from 0 to 100 (100 = tightest). ASEAN-5 = Indonesia, Malaysia, the Philippines, Singapore, and Thailand; BCLMV = Brunei, Cambodia, Lao PDR, Myanmar, and Vietnam.