

EMERGING MARKETS: Covid-19 Vaccination Strategies and Challenges

Our Covid-19 vaccination table includes updated information on the immunization strategies selected EMs are pursuing and the challenges they face.

Below are some of the latest developments. Please do not hesitate to contact us if you want to discuss any of the countries mentioned in more detail.

Click on 'View PDF' to see the table.

HIGHLIGHTS

Vaccine rollout

- With over 80% of its adult population now fully immunized, **Chile** started administering booster jabs on 11 August. This week, booster jabs are being given to people in their 70s who received their second Sinovac dose last March; the plan is to provide 2mn people with booster jabs by mid-September.
- **Hungary** will suspend its vaccination campaign during the 20-22 August national holiday weekend to provide medical staff with some rest. Since early July, the country's inoculation campaign has been progressing at some of the slowest rates in the EU.
- **Nigeria** flagged off the second phase of its vaccination program on 16 August. The first phase since March, during which about 2.5mn people had received at least one jab, had prioritized frontline health workers.
- **Peru** will stage its fifth "Vaccinathon" event on the weekend of 21-22 August using the latest batch of Sinopharm doses delivered on 15 August; authorities have been using "Vaccinathon" events – the last one lasted 60 hours straight – to increase vaccination rates.
- **Philippine** migrant workers, especially construction workers and seafarers, may be given booster shots ahead of the general population.
- **Russia's** inoculation campaign is losing momentum as the number of first administered doses per day has dropped to around 250,000 in mid-August compared to approximately 616,000 in early July. Unless mandatory vaccination is expanded to new population groups/regions, vaccination progress will continue to be limited as 55% of the population is still reluctant to get vaccinated.

Vaccine procurement

- In **Argentina**, the first batch of 1.1mn Sputnik doses filled into vials and packaged locally is now ready for use after being distributed across the country over the weekend; in theory, an additional 8mn Sinopharm doses should also be delivered this month.

- In **Brazil**, northeastern states canceled the purchase of 37mn doses of Sputnik V after troubles approving it in the Brazilian Health Regulatory Agency. However, the country has already purchased enough doses to immunize its population fully.
- **China's** Shanghai Fosun Pharmaceutical aims to start trial production of the **Pfizer-BioNTech** vaccine by the end of August, and Chinese regulators are likely to grant approval soon. The BioNTech jab is likely to be used as a booster shot for those who have already received a Chinese-made vaccine.
- **Colombia's** government has expressed concern about its ongoing and future vaccine procurement efforts after the country's top administrative court leaked – apparently in a genuine error – confidential information contained in contracts the government signed with Pfizer and AstraZeneca.
- **Nigeria** received the initial batch of 178,000 doses of the Johnson & Johnson (J&J) vaccine procured via the African Union's African Vaccine Acquisition Task Team (AVATT) on 12 August. Monthly shipments via AVATT are expected until a total of 29.8mn doses have been delivered.
- **South Africa's** freshly appointed health minister, Joe Phaahla, has signaled that the government may broaden its vaccine supplier base beyond Pfizer and J&J and is reconsidering acquiring AstraZeneca (AZ) jabs and other vaccines.
- **Thailand** may borrow vaccines from Bhutan to plug its supply shortfall; Bangkok will also purchase 12mn doses of Sinovac for a mix-and-match strategy where it uses the Chinese vaccine as a first shot and AstraZeneca as a second.

Infections and new variants

- While the Delta strain accounts for most new cases in the **Czech Republic, Hungary, and Poland**, the infection levels in these countries remain among the lowest in the EU.
- **Indonesia's** health officials say they are seeing a drop in Sinovac's vaccine effectiveness, with the jab preventing 79% of deaths and 53% of hospitalizations from April to June compared to 95% and 74%, respectively, from January to March.

Vaccine diplomacy

- **Mexico** is set to receive a US donation of up to 8.5mn vaccine doses in the coming weeks – 3.5mn Moderna doses and up to 5mn AZ doses. The Moderna vaccine has just received regulatory clearance in Mexico. The US has previously donated nearly 4mn Janssen and AZ doses to Mexico.

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Emerging Markets Covid-19 Vaccination Strategies and Challenges

Rating of countries' vaccine rollout (as of 18 August 2021):

	Between 0% and 10% of the total population have received at least one Covid-19 vaccine dose
	Between 10% and 30% of the total population have received at least one Covid-19 vaccine dose
	More than 30% of the total population have received at least one Covid-19 vaccine dose

	Vaccination strategy	Current state of vaccine roll-out	Procurement
Israel	Majority of all adults vaccinated and Israel was first to roll out third dose Pfizer booster for over-60s. Now with surge of infections, Israel tightening restrictions, contemplating further lockdowns, and extending booster to those 50+. A lower dosage of Pfizer has been authorized for vulnerable children between 5-11 years old, and children over 12 are eligible for the vaccine. The country also brought back its green pass policy requiring proof of immunization or a negative test to enter many public spaces.	Israel has vaccinated 65% of its 9.3mn citizens with at least one dose, and 60% with two doses (majority have received Pfizer). Vaccine supply to West Bank and Gaza has barely scratched the surface with only around 14% vaccinated with a first dose and 9.2% of Palestinians in the territory fully vaccinated.	Pfizer-BioNTech – Israel is administering the Pfizer vaccine, in exchange for giving Pfizer extensive patient data. Moderna – Israel plans to vaccinate about 100,000 Palestinian workers with the Moderna vaccine. The Palestinian Authority has received more than 390,000 doses: 100,000 Sinopharm , 97,000 AZ SK Bio , 90,000 Sputnik V , 140,000 Pfizer-BioNTech and 2,000 Moderna , 25,000 AZ SII , and 48,000 AZ R-Pharm .
UAE	UAE has one of the highest immunization rates globally. Booster doses are being administered to those who have completed 6 months since second Sinopharm dose. Pfizer approved for emergency use for children 12-15, Sinopharm for 3-17 year olds. Starting 20 Aug, vaccines taken outside the UAE will be recognized on arrival in Abu Dhabi (unclear whether this applies to all visitors from any country) and grant visitors access to most public places.	As of 17 Aug, 17.4mn doses have been administered. 84% of the UAE population has received a first dose, while 74% are fully vaccinated according to the health ministry.	Sinopharm , Pfizer-BioNTech , AZ , Moderna and Sputnik V are the approved vaccines. UAE signed an agreement to produce Sinopharm domestically.
Chile	Target to vaccinate 80% of population over 16 years of age has been met. Medical workers were the first to receive vaccinations, followed by elderly in care homes; over 65s; key workers in public bureaucracy; people with other co-morbidities. Vaccinations (Pfizer-BioNTech vaccine) are currently being administered to 16-17-year-olds. Offer of booster jabs also opened in Aug.	Pfizer vaccinations started in late Dec but mass campaign using China's Sinovac vaccine started 3 Feb. As of 15 Aug, 12.65mn people (66.7% of population) have been fully immunized. Campaign of booster jabs started in mid-Aug.	Pfizer-BioNTech – agreement for 10mn doses; Sinovac – agreement for 60mn doses over three years; AZ – agreement for 14.4mn doses. COVAX – agreement for 8mn doses. CanSino – agreement for 1.8mn doses. J&J – regulatory clearance in early June. Sputnik V - local regulatory clearance obtained late-Jul.
Hungary	Vaccination is available to all citizens aged 12+ years-old as well as foreigners living in Hungary. There is no official vaccination target. Starting Aug, third vaccine doses are available to citizens vaccinated four months ago or earlier. As of 15 Aug, vaccination is mandatory for healthcare employees. Vaccination will be available at schools at the start of the school year in September.	Vaccination started on 26 Dec. As of 17 Aug, 5.68mn people (58% of population) have received at least one jab and 5.50mn (56.5%) have been fully immunized. The number of administered first doses remains below 2,000 per day. Vaccinations will be suspended over 20-22 August due to national holidays.	Procurement contracts and deliveries as of 17 Aug via the EU's joint mechanism: AZ – 6.5mn doses (2.8mn delivered) Moderna – 1.7mn doses (1.25mn). Pfizer-BioNTech – 10.9mn doses (7.6mn delivered). J&J – 4.3mn doses (550,800 delivered). National-level procurement: Sputnik V – 2mn doses (delivered). Sinopharm – 5mn doses (5.2mn delivered). As only 57% of all delivered vaccines have been administered, the government is donating vaccines to other European countries.
Singapore	Seniors, healthcare and frontline workers nominated by their employers were the first eligible groups. Starting in July, all residents 12 years and older are eligible to be vaccinated. Sinovac has been imported and allowed for distribution by some private clinics but is not being counted in the official vaccination count.	As of 14 Aug, 4.17mn (73.1% of population) have been fully vaccinated and 4.51mn (77% of population) have received at least one dose. The goal is to have 75% of the population fully vaccinated by Oct to allow a reopening of its borders and to complete all immunizations by the end of the year.	Government has concluded agreements with three suppliers, with undisclosed quantities: Pfizer-BioNTech , Moderna and Arcturus . It has received CoronaVac and has allowed private purchases of the vaccine. It is looking for additional supplies in anticipation of possible shortfalls.

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Poland	All residents aged 12+ years old are eligible for vaccination. Starting 1 Jul, vaccinated residents can participate in a state-run lottery. Discussions on mandatory vaccination for certain occupational groups are taking place.	Vaccinations started on 27 Dec. As of 17 Aug, 18.9mn residents (49.4% of population) received a first jab and 16.6mn (43.5%) are fully vaccinated. The number of new vaccinations has dropped to around 100,000 per week in mid-Aug (down from the peak of 1.2mn in early May).	Procurement exclusively via the EU. Overall, around 100mn doses contracted. As of 17 Aug, 51.8mn vaccine doses delivered: 36.2mn Pfizer-BioNTech , 8.8mn AZ , 4.7mn Moderna , 2.1mn J&J .
Greece	Currently offering the full range of vaccines to everyone over 18 and has just made the jab available to children over the age of 12. The authorities would like to have 70-75% of the adult population vaccinated by the end of the summer. Greece is planning to roll out booster jabs from late August/early September.	As of 17 Aug, 56.1% of the total population had received at least one jab and 53% are fully vaccinated. Daily vaccination rates have slowed considerably over the last few weeks and fewer people are coming forward for their first jab, which is partly attributed to Greece entering the peak of its summer vacation season.	Greece is using the Pfizer-BioNTech , AZ , Moderna and J&J vaccines, adhering to the EU's procurement process. It expects to receive 1.1mn more vaccine doses in August. Next day appointments for vaccines are available in most parts of the country.
China	Goal of fully vaccinating 560mn people, or 40% of the population, by end-Jun appears to have been met, though government has not disclosed exact figures. The Chinese Centre for Disease Control and Prevention (CDC) said 80-85% vaccination is required to reach herd immunity and that this level could be reached by end-2021. The CDC is also studying booster shots to increase effectiveness against variants.	As of 12 Aug, 777mn residents, or 54% of the population, was fully vaccinated, and China had administered 1.86bn doses (including second doses) by 15 Aug. Average daily pace (seven-day moving average) was 11.5mn on 15 Aug. New outbreak in Nanjing is raising doubts about efficacy of Chinese jabs against the Delta variant.	Regulators have approved five domestic vaccines; Sinopharm Beijing , Sinopharm Wuhan , CanSino Biologics , Sinovac Biotech , and Anhui Zhifei Longcom Biopharmaceuticals . Fosun Pharmaceutical reached a deal with BioNTech to build a factory in Shanghai to produce Pfizer-BioNTech vaccines.
Saudi Arabia	587+ vaccine centers across the country. Mix of vaccines approved for 2 separate doses; booster of approved vaccine for those who received Chinese-made vaccines. Refusal to get vaccinated designated as gross misconduct – employees may be dismissed from employment without notice. Fully vaccinated foreign tourists from 49 countries can visit without quarantine since 1 Aug with PCR; vaccination mandatory to enter commercial and govt spaces (since 1 Aug); citizens need to be fully vaccinated to leave KSA; students 12+ and school employees must be fully vaccinated by 29 Aug.	The vaccination program began on 17 Dec. As of 17 Aug, the Kingdom has administered over 32mn vaccine doses; 61% of the population has received at least one dose and 33% are fully vaccinated.	Pfizer-BioNTech , Moderna , J&J , and AZ approved for administration. Sinopharm, Sinovac and Sputnik V are not accepted or approved by Saudi Arabia for travelers visiting the Kingdom.
Czech Republic	Since 1 Jul, all residents of 12+ years old are eligible for vaccination. The government has set up vaccination centers that allow residents to show up without pre-registering. Starting 1 Sep, the government plans to stop subsidizing Covid-19 tests for unvaccinated residents. The country plans to start administering third vaccine booster doses in the near future without specifying a date.	Vaccinations started on 27 Dec. As of 17 Aug, 5.66mn residents (52.9% of population) have received a first jab and 5.18mn (48.4%) were fully immunized. 82.5% of immunizations carried out with Pfizer-BioNTech vaccine; 8% with AZ; 8% with Moderna and 1.5% with J&J. The number of administered first vaccine doses remains at around 43,000 per week, down from the peak of 440,000 in mid-May.	Procurement has been conducted exclusively via the EU. As of 17 Aug, a total of 10.7mn doses of vaccines delivered: Pfizer-BioNTech – 8.73mn; Moderna – 914,000; AZ – 848,000; J&J – 226,950.
Turkey	Vaccination program divided into four stages, starting with medical personnel and those over 65, followed by security forces personnel, teachers, workers in food industry and transportation, and then Stages 2 and 3, the 50-64 and 18-49 age groups, respectively. On 25 Jun, Turkey began vaccinating segment B6, the 18-24 age group, of Stage 3. Turkey aims to vaccinate all adult residents by Sep. On 1 Jul, it began offering an additional dose of Pfizer-BioNTech to those who had received two doses of Sinovac, amid concerns about Sinovac's effectiveness against the Delta variant.	Vaccine rollout started on 13 Jan with Sinovac. On 2 Apr, vaccinations also began with Pfizer-BioNTech vaccine. As of 17 Aug, 85.56mn doses had been administered, with 44.73mn (53.5% of population) people having received a first dose, 33.79n (40.4% of population) at least two doses and 7.02mn (8.39% of population) three doses. After slowing in May, fresh Pfizer-BioNTech deliveries resulted in a rapid vaccine acceleration from Jun.	Sinovac – agreement for 100mn doses, of which 34.5mn delivered by 17 Aug. Pfizer-BioNTech – agreement for 120mn doses, with 55mn delivered by 17 Aug. Sputnik V – agreement for 50mn doses. 0.4mn doses arrived in late Jun but none had been administered as of 17 Aug. Turkey has not joined COVAX .

	Vaccination strategy	Current state of vaccine roll-out	Procurement
Brazil	<p>Phase 1: health workers; indigenous communities in demarcated territories; over 60s in care institutions; over 75s.</p> <p>Phase 2: 60-74s seniors.</p> <p>Phase 3: adults with comorbidities.</p> <p>Phase 4: education workers, homeless population, security and rescue forces, others.</p> <p>Phase 5: 59-18 gradually.</p> <p>Phase 6: teenagers with comorbidities.</p>	<p>As of 16 Aug, 115.98mn first doses have been administered (representing 54.7% of the population) while 50.51mn people (23.85% of population) are fully vaccinated.</p>	<p>AZ – 100.4mn doses to be delivered in Jul, 210mn by year-end.</p> <p>CoronaVac – 10mn doses expected in Jul. Another 130mn doses by year-end.</p> <p>Pfizer – 15mn doses expected in Jul; 100mn by year-end.</p> <p>J&J – 38mn doses expected in Q4.</p> <p>Sputnik V – Contract suspended.</p> <p>Covaxin – Contract suspended.</p> <p>COVAX – minimum 10% of population quota (42mn) doses. WHO to provide 10-14mn doses for distribution from mid-Feb to Jun. 2mn AZ expected in Jul.</p> <p>ButanVac – currently in trial; 100mn expected by year-end.</p>
Argentina	<p>Health sector personnel first in line for vaccine, followed in descending order by over 70s; over 60s; security personnel; vulnerable and at-risk in 18-59 age range; education sector; and strategic or vulnerable groups. 12-17 year olds with comorbidities will also receive vaccines.</p>	<p>Sputnik V vaccinations started on 29 Dec. As of 16 Aug, 26.7mn people (representing 59.4% of population) have received a first dose, while 10.25mn people (22.8% of population) have received two doses.</p>	<p>Sputnik V – agreement for 30mn doses; local production underway.</p> <p>AZ – contract for 23.6mn doses, though most to be produced locally in conjunction with Mexico.</p> <p>Sinopharm – agreement for 24mn doses.</p> <p>CanSino – agreement for 5.4mn doses.</p> <p>Pfizer – agreement for 20mn doses finalized end-Jul, with deliveries expected at end-2021.</p> <p>Moderna – 3.5mn doses made available from US government.</p> <p>COVAX – approx. 1.9mn AZ doses delivered; government has been criticized for ordering only 20% of its entitlement.</p>
South Korea	<p>Vaccination campaign started on 26 Feb. Goal to vaccinate 70% of the population with two doses by Nov 2021. Vaccinations of high schools and elementary schools are underway. Vaccinations for those aged 18 to 50 to be implemented Aug-Sept as originally planned; hope to expand to younger population.</p> <p>Country has hit a six-month high in cluster infections. 48% of new cases caused by Delta variant. There have been 779 breakthrough cases among 5.54mn people who are fully vaccinated.</p>	<p>As of 18 Aug, 19.5% of population have been fully vaccinated; 45% of the population have received at least one dose. AZ jabs are administered only to the 50yrs+ age group. The military has begun providing second Pfizer-BioNTech jabs to personnel aged under 30, supported by a US donation of 1mn vaccines delivered in Jun. Samsung and other large companies will launch in-house vaccination programs in Aug.</p>	<p>A swap-deal with Israel has been set up to boost immediate supplies. South Korea will also strengthen support for phase 3 clinical trials of homegrown Covid-19 vaccines by the end of the year. The government has signed a letter intent to develop and produce vaccines with Denmark; similar agreements with Vietnam, the Vatican, and APEC (Asia-Pacific Economic Cooperation).</p> <p>Government and ruling party in favor of supporting North Korea with Covid vaccines.</p> <p>35mn Covid vaccine doses to be supplied through COVAX and pharma companies from 16 July to end-August. (AZ, Pfizer-BioNTech, Moderna, and Janssen).</p>

	Vaccination strategy	Current state of vaccine roll-out	Procurement
Mexico	Frontline medical workers first in line followed by the over 60s age cohort and then in descending order by age. Government wants all adults to have been offered at least one dose by Oct.	Vaccinations started 24 Dec. Rollout stalled mid-Jan to mid-Feb but subsequently resumed with new vaccines from wider array of suppliers. As of 15 Aug, 54.3mmn people (42.1% of population) have received at least one vaccine dose, with 29.3mmn people (22.9% of population) fully inoculated.	<p>AZ – agreement for 77.4mn doses. US has supplied Mexico with 2.7mn additional AZ doses.</p> <p>Pfizer – 34mn doses ordered; 22mn delivered as of 4 Jul.</p> <p>CanSino – 35mn doses agreed.</p> <p>Sputnik V – agreement for 24mn doses, with local production expected soon.</p> <p>COVAX – 51.5mn doses agreed; Sinovac – agreement for 20mn doses.</p> <p>J&J – 1.35mn doses delivered.</p> <p>Sinopharm – agreement for 12mn doses though local regulatory clearance pending.</p> <p>Moderna – local regulatory clearance given in Aug.</p>
Colombia	Plan is to vaccinate 70% of the population (35mn people) by end-2021. Medical personnel first in line, followed by elderly and clinically vulnerable. Jun target of administering 17mn doses was exceeded; latest target is to apply 35mn jabs by end-Aug.	Vaccination campaign started on 17 Feb with Pfizer vaccine. As of 15 Aug, 31mn doses have been applied in total. 13.8mn people (27.4% of the population) have been fully inoculated, 2.6mn of whom have been vaccinated with a single-dose vaccine.	<p>Pfizer-BioNTech – agreement for 15mn doses.</p> <p>AZ – 10mn doses agreed.</p> <p>J&J – agreement for 9mn doses.</p> <p>Sinovac – agreement for 10mn doses.</p> <p>Moderna – agreement for 10mn doses.</p> <p>COVAX – agreement for 20mn doses.</p>
Taiwan	Priority groups (868,000 people): health care personnel; essential workers; nursing home staff; military personnel; social welfare workers. Outside priority groups, Program of self-paid vaccinations for those intending to travel abroad (excluding tourism) has ended due to limited supply.	As of 15 Aug, 8.5mn people (36% of the population) had received one dose and a further 662,000 (2.8% of the population) was fully vaccinated. Average daily pace (7-day moving average) was 92,100 doses on 15 Aug.	20mn doses ordered; 5.3mn doses received through early Jul, mostly donations from the US (2.5mn Moderna) and Japan (1.24mn AZ). COVAX provided an additional 609,000 AZ doses. Hon Hai and TSMC reached deal to purchase 5mn BioNTech doses each from Shanghai Fosun Pharmaceutical, but the delivery date is uncertain. Emergency use authorization granted to Taiwan-based Medigen's vaccine candidate, and limited supply could be available in August.
Malaysia	Frontline medical workers, police, and army officials were prioritized in phase one of the vaccine rollout. Phase two, which started 19 Apr and will run through Aug, will target senior citizens, high-risk groups with co-morbidities, and the disabled. Third phase that started in May included all adults over 18. Sinovac's CoronaVac is being phased out from the program once supplies run out.	As of 16 Aug, 11.06mn (34.6% of population) have been fully vaccinated and another 6.19mn (19.38%) are still on their first shot.	<p>Pfizer-BioNTech – 32mn doses;</p> <p>Sinovac – 12mn doses;</p> <p>AZ – 6.4mn doses via COVAX facility and another 6.4mn contracted directly;</p> <p>Sputnik V – 6.4mn doses;</p> <p>CanSino Biologics – 3.5mn doses</p>
India	From 1 May, everyone above 18 became eligible for vaccination. From 21 Jun, all vaccines from government health facilities have been declared free of cost. The federal government, now solely in charge of vaccinations, is allocating vaccine supplies to states according to demand assessments. All import curbs on foreign vaccines have been lifted and import duties have been waived. While the target to vaccinate everybody above 45 without comorbidities has yet to be met, the vaccination process has picked up pace. However, private hospitals say that their administrative charges are not met by the INR150 (USD 2) cap on the fee they are allowed to charge. They claim that vaccination has slowed down as a result. Children below 18 are the next target for vaccinations and the government will likely open up this category next week.	Vaccine rollout began 16 Jan. As of 17 Aug, 121.84mn people are fully vaccinated (8.8% of population) and 306.84mn (22% of population) have received one dose. The rate of new Covid-19 infections remains stable after a significant decline between May and Jun. India has halted AZ vaccine exports to cater to domestic demand. Exports of Remdesivir and diversion of oxygen to non-medical uses have been banned. Some taxes on inputs in vaccine manufacture have been lowered. A decision on mixing vaccines likely later in the week.	All vaccines now free to be used in India, whether Indian or foreign, as long as they have been certified as safe in the country of origin. Import duties have been waived. However, Pfizer is negotiating an assurance of indemnity before it supplies vaccines to India. Russia's Sputnik V is available since Jun. Both Pfizer-BioNTech and Moderna have announced that they will supply vaccines only to federal government rather than state governments directly. Vaccine supplies have improved dramatically after the federal government took charge. However, some states are noticing supply chain glitches.

	Vaccination strategy	Current state of vaccine roll-out	Procurement
Russia	Vaccination available to all citizens 18+. Immunization of adolescents aged 12-17 is expected to be launched in Sep. More than half of the country's 85 regions announced some form of compulsory vaccination for certain occupational groups.	Vaccinations started in early Dec. As of 17 Aug, an estimated 37.3mn residents (28.2% of population) had received at least one jab and 26.2mn (22.6% of population) were fully vaccinated. Vaccination pace is slowing again. 55% of population remains reluctant to get inoculated with domestic vaccines.	Russia relies solely on domestically developed vaccines: Sputnik V , EpiVac , CoviVac and Sputnik Light . A fifth domestic vaccine is expected to be approved in the months. Authorities rule out imports of foreign vaccines.
Indonesia	Frontline healthcare workers estimated at 1.3mn have been vaccinated first, followed by security personnel and 17mn teachers; working age 15-59 are also now being vaccinated, simultaneously with the elderly. Vaccines procured by central government; distributed for free but not mandatory. Government is allowing the private sector to purchase vaccines for their employees, with these vaccinations now underway.	Second vaccination phase has started, focusing on the active workforce. As of 16 Aug, 28.52mn (10.5% of the population) have been fully vaccinated and another 25.85mn (9.56%) are on their first jab. The vaccination pace could accelerate starting in Sep. as more supplies are expected.	Sinovac – 125mn doses; Pfizer-BioNTech – 100mn doses; Novavax – 100mn doses; COVAX initiative – 100mn doses; AZ – 100mn doses; private sector importation unknown.
Peru	Phase 1 focused on medical and other frontline emergency personnel, including election staff. Phase 2 focused on over 60s, those with co-morbidities, and indigenous population. Caretaker government that left office end-Jul left new government with contracts for 59.1mn doses to be delivered between Aug and Dec 2021, though new government has questioned this claim.	Nov 2020 political crisis interrupted procurement process, but caretaker government that left office end-July accelerated vaccine procurement. Vaccinations using Sinopharm vaccine started 9 Feb. Pfizer and AZ vaccines also being administered. As of 16 Aug, 9.2mn people (representing 28.3% of the population) have received at least one dose. 6.9mn people (21.2% of population) have received two doses.	Sinopharm – contract for 38mn doses. AZ – agreement for 14.4mn doses. Pfizer-BioNTech – original agreement for 20mn doses expanded to 32mn doses. COVAX – agreement for 13.2mn doses. Ongoing talks with J&J (5mn doses), Russia's Gamaleya Institute (for 10mn Sputnik V doses), Moderna (12mn doses), Sinovac (7mn doses), and CureVac .
Thailand	Phase one prioritizes the elderly, frontline healthcare and social workers, and those with co-morbidities. Phase two will focus on provinces with highest Covid-19 incidence. However, there are two special cases – companies will be allowed to import and distribute vaccines, and tourism areas such as Phuket are being prioritized.	Uneven supplies of locally-produced AZ vaccines sometimes slow down vaccine rollout. Sinovac and Sinopharm vaccines are now being imported. As of 16 Aug, 5.23mn (7.51%) of population have been fully vaccinated and 13.14mn (18.9%) are on their first jab.	Sinovac – 2mn, but Thailand is negotiating for an additional 6mn doses. AZ – 61mn (imported and local joint venture).
Pakistan	Vaccination of 18-year-olds and above commenced on 3 Jun. Vaccine registration for over-40s opened on 27 Apr. Meanwhile, walk-in vaccination is available for those above 50. Those above 65 and frontline workers are still being vaccinated. Positivity rates and new infections have been rising for a month. Govt aims to vaccinate 70mn people by Dec 2021.	As of 17 Aug, 18.1% of population had received at least one dose while 5.6% were fully vaccinated. On 2 Aug Pakistan inoculated 1mn people, hitting the figure for the first time since the Covid-19 vaccine rollout started.	Emergency use permission given to AZ , Sinopharm and CanSino . Both Chinese vaccines are undergoing clinical trials. Four more vaccines in the pipeline. First COVAX vaccines have been received. Pakistan is working on developing a new nasal vaccine with CanSino , a Chinese manufacturer. On 4 Jun, it announced the successful manufacture of CanSinoBio , a single-dose vaccine produced with Chinese technology. On 21 Jun, Pfizer-BioNTech announced it will provide 13mn doses over the course of 2021.
Philippines	Vaccine rollout started in Mar with high-risk groups such as healthcare workers; workers in education, social welfare agencies; law enforcement and military personnel; the poor; senior citizens; other vulnerable populations. Private sector allowed to import vaccines, though some are required to make counterpart donations. Private sector importation may make up the bulk of Q2 and Q3 vaccinations. In Manila, citizens whose work requires them to leave their homes are now being vaccinated.	As of 16 Aug, 12.74mn (11.79%) of the population are fully vaccinated and 2.82mn (2.61%) are fully vaccinated. Shortages in supply slowed the vaccination rate in August, but the rate is picking up as more doses have arrived.	The Philippine government has ordered 113mn doses from five vaccine manufacturers: Sinovac – 26mn doses, Sputnik V – 10mn, Moderna – 20mn, AZ – 17mn, Pfizer – 40mn. Several million Novavax doses imported by the private sector are expected in the Q4.

	Vaccination strategy	Current state of vaccine roll-out	Procurement
South Africa	Plans to vaccinate 35mn people by end-2021 and 40mn by Mar 2022. Rollout started late but is accelerating. Phase 1: ca. 1.25mn frontline medical workers; Phase 2: people over 60; vaccination of teachers, police, other professions expedited; Phase 3: remaining adult population; registration for 35-49 age group opened 15 Jul.	Phase 1 rollout of J&J vaccine started on 18 Feb. Phase 2 started on 17 May, reliant on J&J and Pfizer vaccines, which are now arriving in large quantities. As of 16 Aug, 13% of population had received at least one shot. Official target of administering 250,000 shots per day has been reached, but not consistently.	Initially reliant on COVAX/AZ vaccines, South Africa pivoted to two manufacturers, J&J and Pfizer. Deliveries ramped up from May but largest volumes due in Q3/4. J&J – 31mn doses Pfizer-BioNTech – 30mn doses Authorities now reconsidering acquiring AZ vaccines; health regulator SAHPRA has authorized Sinovac's CoronaVac vaccine and is reviewing Sinopharm and Sputnik V vaccines.
Kenya	Kenya plans to inoculate 10mn citizens by end-2021 and entire adult population (26mn) by end-2022. Priority given to frontline medical workers, elderly, essential workers (police, teachers, students, immigration officials), workers in hospitality sector, people with comorbidities, people in informal settlements.	First 1.02mn AZ/COVAX vaccine doses arrived 2 Mar. Rollout began 5 Mar, but supplies ran out by Jun as India's export restrictions delayed further AZ/COVAX deliveries. Momentum picked up in Jul via US, EU donations to COVAX. As of 16 Aug, only 2.43% of the population had been fully or partly vaccinated.	Kenya is reliant on COVAX (24mn doses). AZ vaccine donations arriving from various countries. Kenya expects to receive 1.7mn US-donated Pfizer doses plus 271,000 Pfizer doses via COVAX. Amid COVAX delays, government has ordered 13mn J&J vaccines (to start arriving from Aug). Additional orders planned, with IFC financing, under the African Vaccine Acquisition Task Team (AVATT) initiative.
Egypt	580 vaccination centers across Egypt. Govt targeting 800k daily vaccination rate. Vaccinations to become mandatory in all public institutions as threat of 4 th wave grows, and university, school students and staff prioritized in preparation for academic year. Chaotic vaccine rollout and registration process failed to reach certain priority groups early on and vaccine hesitancy still an issue. Delays in vaccine shipments have slowed vaccination program. Egypt to receive 2mn doses of Pfizer, followed by J&J deliveries and substances to produce Sinovac.	As of 17 Aug, Egypt has administered 6.5mn doses; 4.3% of the population have received a first dose, while only 2.1% of the population have been fully vaccinated. Egypt aims to vaccinate 10% by end-September; 40% by Dec 2021; 70% by 2022.	COVAX – advanced purchase agreement for 40mn doses to be provided in batches. J&J – contract to buy 20mn doses Sinopharm – agreement for 40mn doses. Pfizer-BioNTech – contracts reportedly signed for 20mn. AZ – agreement for 30mn doses; 1.7mn doses arrived early Aug via COVAX, UK sent addtl 300k early Aug (via COVAX). Sputnik V – 25mn have been secured. Egypt signed agreements to manufacture Sputnik V and Sinovac vaccines domestically; production of 1mn doses of Sinovac at VACSERA factory from Jul.
Nigeria	Vaccination targets: 40% of population in 2021, 70% by end-2022. Healthcare personnel; people over 50; people with underlying health conditions to be prioritized. Most heavily affected states will be prioritized in allocation of doses.	First batch (3.9mn doses) of AZ vaccine supplied by COVAX arrived 2 Mar; second batch of 4mn doses of Moderna vaccine donated by the US government arrived on 1 Aug. First small batch (178,000) of the J&J vaccine procured via AVATT arrived on 12 Aug, monthly deliveries via AVATT expected to follow up until 29.8mn doses have been supplied. As of 17 Aug, 1.24% of population had received at least one jab and 0.69% were fully vaccinated.	20% of vaccines supposed to be supplied through the COVAX initiative. Government expects total of 58mn vaccine doses from COVAX (16mn) and the AVATT (42mn). Government also expressed interest in procuring Sputnik V and/or Sinovac/Sinopharm vaccines.

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