

WINNING OVER COVID-19

COVID-19 Vaccine Intelligence Network (CoWIN) is the digital backbone of India's rapidly expanding COVID-19 vaccination program. It is a scalable, inclusive, and open platform for universal vaccination, and enables monitoring of vaccine utilization, coverage, and wastage throughout the system.

WHY Co-WIN?

In order to effectively tackle COVID-19, countries need rapid, effective, and periodic nationwide vaccination campaigns. To this end, CoWIN ensures the following:

Each dose of vaccination is digitally acknowledged using a QR based certificate. The certificate can be easily traced and verified. This verifiable data is available in terms of total number of people vaccinated at all levels of programme management.

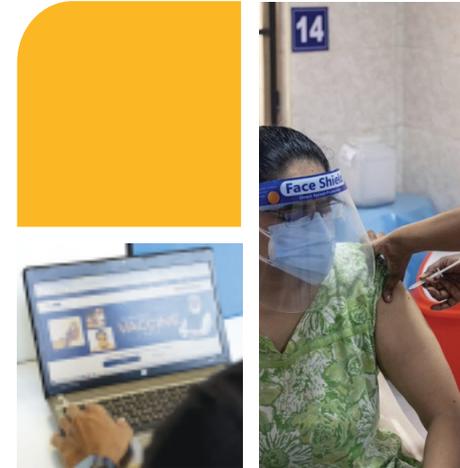
Minimum prescribed time interval is maintained between the first and second doses of vaccination.

Invariably, the same type of vaccine is administered during the second dose.

Vaccine is administered to only an identifiable individual, thus preventing pilferage and fraud.

In case of adverse events following immunization, beneficiaries, vaccine batches, and vaccination centers can be easily tracked.

Vaccination data can be used for future pandemic planning and for research and development.



The CO-WIN platform is a state of the art digital solution from the Government of India to help countries of the world achieve universal vaccination against COVID-19. Capable of handling large transaction loads, CO-WIN helped administer 10 million+ doses/day multiple times.

The many challenges of implementing CoWIN in India:



Total population
1.36 billion



65% population
in rural areas



Limited mobile
and internet connectivity, especially in rural and remote areas



Vulnerable groups
People without identity cards, senior citizens and differently abled citizens



Low digital literacy
among both beneficiaries and system users

Daily vaccination rate touched a record 25 million doses on Sep 17, 2021.



COWIN KEY FEATURES

Inclusive

Convenient and Transparent

Flexible

Anytime, anywhere vaccination

Informative

Digitally verifiable (verify.cowin.gov.in)

Provisions for vulnerable groups



ADVANTAGES FOR CITIZENS

Ensures universal access to vaccination, withstanding physical, lingual, digital, and socio-economic barriers.

Provides easy access to information on vaccination sessions and centers.

Provides facility of online booking of appointment for vaccination at the centre of choice.

Offers flexibility to register online or on-site.

Offers flexibility to register at any convenient access point (ensuring provision of services even in areas with limited internet and mobile connectivity).

Tracks the time interval between two doses of vaccination (as per the type of vaccine administered) and alerts when the second dose is due.

Instantly issues a digital certificate after each dose of vaccination; the certificate is verifiable, both online and offline.

Provisions special vaccination sessions for people without a valid photo identity proof.

Provisions special "near to home" vaccination sessions for elderly and differently abled citizens.



COWIN KEY FEATURES

Scalable

Supply Chain Management

Ensures proper vaccination session management

Captures coverages and provides reports/dashboard

Simple user interfaces

Minimizes vaccine wastage

Tracks adverse events following immunization (AEFI)

Data aggregation



ADVANTAGES FOR GOVERNMENTS AND MANAGERS

Ability to take large transaction loads. 10million+ doses/day administered multiple times Holistically managing vaccine supply chain planning and operations in government as well as in private setups.

Effectively and efficiently managing vaccination sessions for both online and on-site (offline/walk-in) modes (including publishing information on doses and timings).

Monitoring vaccination progress throughout the country at a granular level in terms of geographic and demographic coverage.

Offers ease of use to all system users, especially for vaccinators at the front-end.

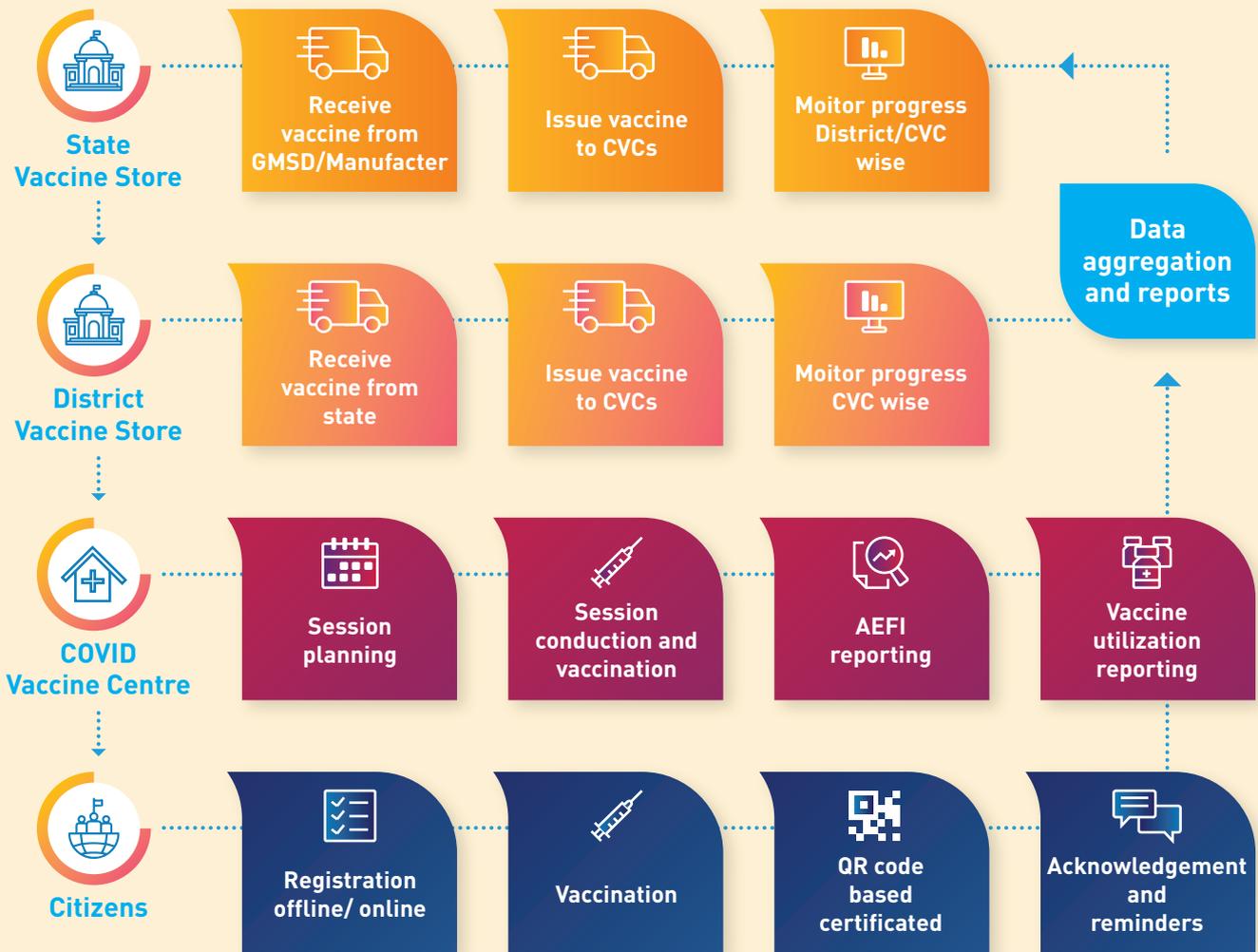
Assessing the extent of vaccine wastage and facilitating execution of appropriate measures to minimize it.

Reporting of AEFIs on real-time basis to enable investigation and intervention, whenever required.

Collating vaccination data to facilitate research and development, including newer vaccines and appropriate booster doses, and to inform pandemic planning and policy decisions at micro and macro levels.

How CoWIN Is Implemented?

National Level - Overall monitoring of progress using detailed dashboard & reports



Despite the many challenges, CoWIN is successfully spearheading the world's largest vaccination drive against COVID-19 in India:

[Data updated as on Sep 28, 2021]

- More than 705 million citizens registered on CoWIN portal through online and on-site modes (scalable up to one billion plus citizens).
- More than 870 million doses of vaccine administered and duly recorded on CoWIN.
- Nearly 7.17 million vaccination sessions held across the country.
- Vaccination sessions conducted across 327604 centres, 73% are in rural areas.
- Vaccination coverage in hard-to-reach tribal areas better than the national average.
- Real-time monitoring of national vaccination programme with desegregated demographic and geographic data at the national, sub-national, local, and health facility level.
- Seamless integration and roll-out of newly approved vaccines with different vaccination schedules.



The Government of India will provide detailed Co-WIN demonstrations and address any specific requirements prior to establishment of a bilateral Memorandum of Understanding covering the possible areas of focused support, including:

Technology transfer

- Transfer of the Co-WIN platform/software as a free utility.
- Customization/modification of Co-WIN in accordance with national context and needs.
- Data security and sovereign autonomy retention by country/region seeking support.
- Hosting of Co-WIN platform in alignment with each country's requirements and/or applicable guidelines.

Knowledge transfer and implementation support

- Comprehensive training/capacity-building and support materials.
- Training of 'master trainers' as required.
- Support to development and roll-out of national implementation plan.
- Local support by the United Nations Development Programme (UNDP) country teams for detailed onboarding and implementation.

The Government of India Co-WIN Offer

The Co-WIN platform is freely available to other countries as a global good in the fight against COVID-19. Interested governments are invited to request this support through the Embassy/High Commission of India in your country, or via the Ministry of External Affairs, India.

Contact Information

Ministry of External Affairs Government of India
New Delhi, India
<http://www.mea.gov.in>



Further Information

Please use this QR code to access the CO-WIN website.



The Co-WIN platform was developed under the leadership of the Ministry of Health and Family Welfare (MoH&FW) of the Government of India, with the technical and implementation support of the United Nations Development Programme (UNDP) in India.

CO+WIN