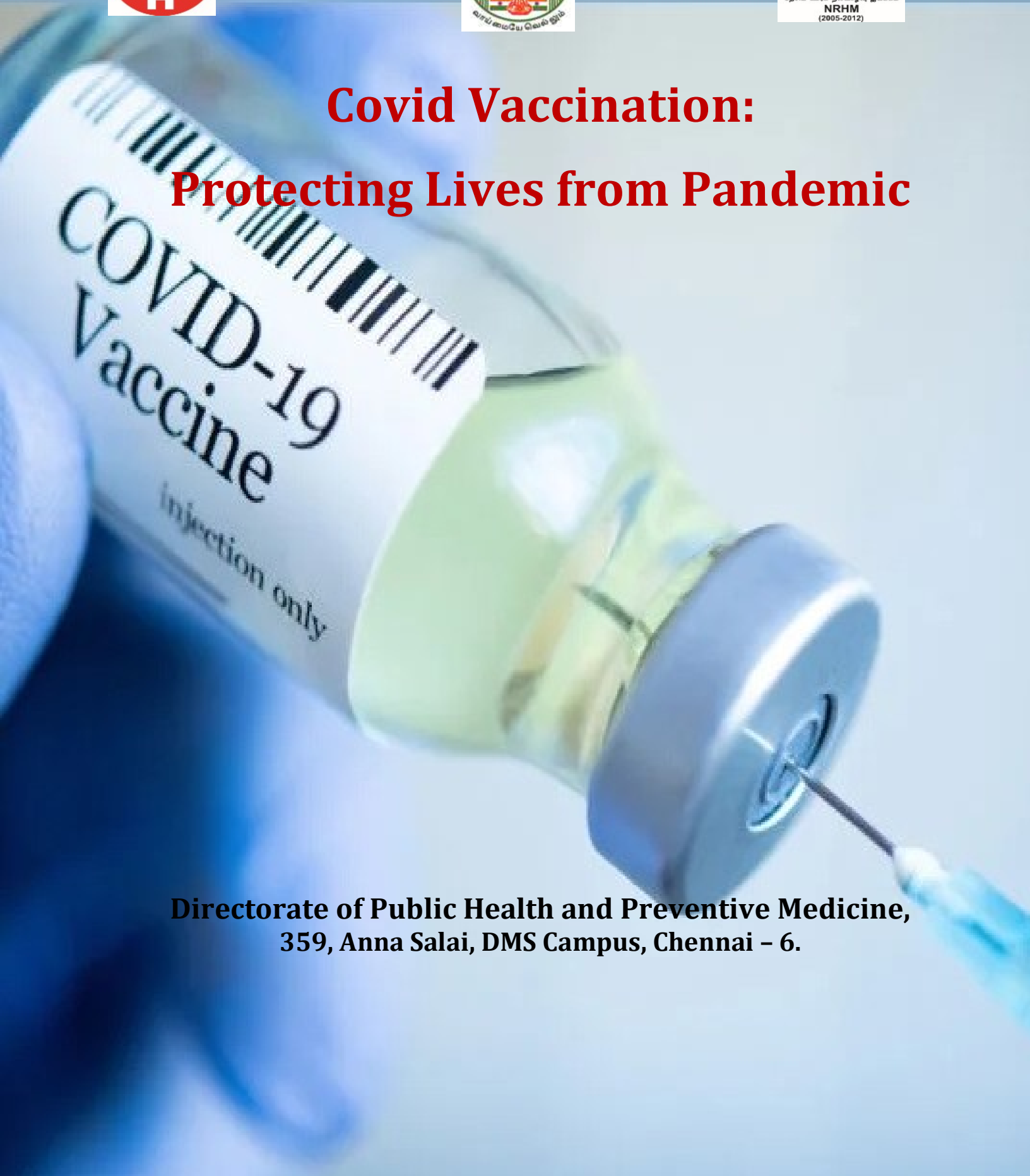




Covid Vaccination: Protecting Lives from Pandemic



**Directorate of Public Health and Preventive Medicine,
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Government of Tamil Nadu
Department of Public Health and Preventive Medicine
Immunization Division
Covid Vaccination: Protecting Lives from Pandemic

COVID-19 Vaccination Programme

Introduction:

About the Department:

The Directorate of Public Health and Preventive Medicine (DPH&PM), **founded in 1922**, has contributed and continues to contribute immensely to improve the Tamil Nadu's health status by providing Comprehensive Primary Health Care and has played a vital role in State's policy – making and implementation of various health programs of national significance.

Tamil Nadu is the only State with a distinctive district-level public health cadre. Currently, the State has around 200 public health experts in managerial posts, guiding and supervising around one lakh health workforce, including Medical Officers, other Paramedical Staff and Field Level Health Workers.

This Directorate strongly believes in **evidence-based practice** and also encourages its workforce of all cadres to take up Operational Research.

Background of COVID Vaccination:

Tamil Nadu declared Covid-19 as notified disease under Tamil Nadu Public Health Act, 1939 on 13.3.2020 and notified certain regulations to prevent the outbreak of COVID-19 under the Epidemic Diseases Act, 1897 on 23.3.2020.

The early identification, intensive RT-PCR testing and effective hospital management reduced the daily positive cases and mortality rate in the first wave of the pandemic.

The Ministry of Health and Family Welfare, (MoHFW) Government of India has initiated all activities pertaining to the COVID-19 vaccination to all its citizens. Specific prioritization done to cover the Health Care Workers, other Frontline Workers, persons above 50 years, persons less than 50 years with comorbidities for COVID-19 vaccination in the first phase of the schedule.

Upon completion of Phase 1, other age group will be vaccinated as per advisory from MoHFW, Government of India. Approximately, 20% of the State population (1.6 crores) including Health Care Worker, Frontline Worker, above 45-59 years with co-morbidity and above 60 years will be vaccinated for COVID-19 during the year 2021(January to December)

Government of India has rolled out COVID-19 vaccination after its Restricted Emergency Approval of COVID-19 virus vaccine of M/s Serum Institute of India and M/s Bharat Biotech issued by DCGI.

The DCGI, New Delhi provided the Restricted Emergency Approval of COVID-19 Vaccines of M/s Serum Institute of India and M/s Bharat Bio Tech in the month of January 2021.

National Technical Advisory Group on Immunization (NTAGI) consisting of Top Officials of Health Department of Government of India, representatives from ICMR, WHO, UNICEF, JSI and UNDP conducted meeting with Secretaries of Health Department of all States for implementation of COVID Vaccination.

First Meeting held on 10th October 2020 and subsequently 31 meetings were conducted by NTAGI for COVID Vaccination for the following reasons:

1. State to make adequate storage facility for maintaining COVID Vaccines
2. To identify the category wise people to be vaccinated (HCW, FLW and others)
3. Approval of COVID Vaccines (COVISHIELD, COVAXIN etc.,)
4. Management of AEFI cases due to COVID Vaccination
5. Entry in SAFEVAC Co-WIN portal

Preparedness for storage of COVID Vaccines:

The Government of India in D.O.No.Y-11030/01/2020-IMM, Dated:29.10.2020 have instructed to be prepared for installation of WIC & WIF so as to accommodate COVID Vaccines.

1. There are 2,690 Cold Chain Points which includes (i) 1 State Vaccine Store, (ii) 10 Regional Vaccine Stores, (iii) 50 TNMSC Walk-in-Coolers exclusive for COVID, (iv) 45 District Vaccine Stores, (v) 24 Government Medical College Hospitals, (vi) 309 Government Hospitals, (vii) 2286 Primary Health Centers (Urban & Rural) and (viii) 27 Private Medical College Hospitals.
2. The Government of India have supplied 423 ILR (S), 55 ILR (L), 333 DF (S) and 95 DF (L) to the State in order to store the additional COVID Vaccines.
3. Also, the Indian Oil Corporation have supplied 82 ILR (S), 36 ILR (L), 75 DF (S) and 64 DF (L) to the State as a part of CSR Activities of the company. Further, the Indian Oil Corporation has also supplied 4 Refrigerated Vaccine Vehicles to the State in addition to ILR & DF.
4. 50 Walk in Coolers available at TNMSC warehouses were also exclusively utilized for storage of COVID Vaccines.

5. Also, in addition to the above equipment 5,380 Cold Chain Equipment used for storing and distributing the COVID Vaccines from the Vaccine stores to the last mile Cold Chain Points which includes (i) 15 Walk-in-Coolers, (ii) 3 Walk-in- Freezers, (iii) 2,669 Ice-Lined Refrigerator and (iv) 2,613 Deep Freezers.
6. Furthermore, sincere efforts were taken by the Directorate to strengthen the Cold Chain System in order to keep the vaccines at the desired level of temperature.

Identifying List of Vaccinators:

1. As per Government of India instructions list of Vaccinators to be used for COVID Vaccination was collected from each district and consolidated statement sent to Government of India. (D.O. No. 1922072/ 2020/ IMMUNIZATION, Dated: 09.10.2020 To gather database of vaccinator and session etc)

Health Care Worker Data base:

1. As per the decision of NTAGI the Government of India in D.O. No. 1920764/2020/IMMUNIZATOIN, Dated: 16.10.2020 has instructed all states to collect the Health Care Worker data base so as to vaccinate them in the initial stage of COVID Vaccination and to upload in the e-VIN Digital Platform.

SSC, STF, DTF and BTF Meetings for COVID Vaccination:



Based on the instructions of Government of India the Chief Secretary to Government conducted **State Steering Committee** Meeting for all Departments on 03.12.2020 for implementation of COVID Vaccination in the State.

On the same day (03.12.2020) the Principal Secretary to Government, Health and Family Welfare Department conducted **State Task Force Meeting** involving Other Department for COVID Vaccination.

The Government of India have conducted Orientation Meeting to State and District Health Officers as per communication received in R.No.T-22020/12/2020-Imm, Dated:07.12.2020.



Again, Government of India conducted National Orientation for State Programme Officers on COVID-19 Vaccine Operational Guidelines on 9th & 10th December 2020 as per communicated received in R.No.T-22020/12/2020-Imm, Dated: 8.10.2020

The Director of Public Health and Preventive Medicine along with the Joint Director (Immunization) conducted Orientation for District level official on 17.12.2020 and 18.12.2020.

All Deputy Director of Health Services have conducted Orientation training for Block level Officials on 21.12.2020 and 22.12.2020 in the State.

All Districts conducted District Task Force Meeting under the chairmanship of the District Collectors for starting COVID Vaccination in their Districts.



Vaccines supply:

The Government of India have started distributing COVID Vaccines from 12.01.2021 onwards.

Till date (29.11.2022) the Government of India have supplied 9,28,72,340 doses COVISHIELD Vaccine, 2,18,78,180 doses of COVAXIN Vaccine and 45,50,200 doses of CorBEvax vaccine totaling to 11,93,00,720 doses to the State including the State procurement of 2918110 (COVISHIELD - 2462350 + COVAXIN - 455760) doses of COVID Vaccines.

Vaccines to various Regional Vaccine Stores have been distributed in 155 distribution orders.

Syringes supply:

Further, the Government of India have also supplied 11,04,55,300 syringes of various types to the state for conducting COVID Vaccination. 1,34,26,600 (0.5 ml) syringes initially allotted under Routine Immunization were also used for the COVID Vaccination.

31860900 syringes were supplied through TNMSC by the State Government.

Distribution of Vaccine & Syringes:



The department has made elaborate arrangements for the storage and distribution of COVID Vaccines from the Vaccine stores to the last mile Cold Chain Points such as Primary Health Centers.

COVID Vaccine supplied by Government of India were distributed to all Cold Chain Points on the next day itself by the proper planning and guidance by the Director of PH&PM and the Joint Director (Imm) in co-ordination with various Health Unit Districts

Dry Run:



As per Government of India Guidelines issued in D.O. No.1940501/2020/Imm, Dated:31.12.2020 and as a part of implementation of COVID-19 vaccination, "Dry Run" was successfully conducted in 17 identified places on 02.01.2021 in 5 HUDs namely Chennai, The Nilgris, Coimbatore, Tirunelveli and Poonamallee and 425 beneficiaries were covered. In continuation, "Dry Run" for COVID-19 vaccination is planned to be conducted on 08.01.2021 in all Health Unit Districts covering 4 or 5 identified places for each HUD totaling to 226 places such as Medical College Hospitals, Government Hospitals, Private Hospitals, PHC (Rural and Urban). 25 beneficiaries will attend each sessions and hence around 5,650 beneficiaries are expected to attend the "Dry Run".Each session site will have three Rooms such as Waiting Room, Vaccination Room and Observation Room.

The Dry Run is aimed at testing the laid out mechanisms for COVID-19 vaccination roll-out in the health system. It will provide insights on any gaps or bottlenecks so that those could be addressed before the commencement of the COVID-19 vaccination drive.

Strategy of Dry Run:

District Immunisation Officer will supervise and have details of sessions site, Vaccinating Officer and Beneficiaries through CoWIN Web portal. In each session site 5 Members Team such as Vaccination Officer-1,2,3,4and Vaccinator are deployed to act as security, verification of Beneficiaries, Vaccinator and Supervisor etc.,

Each beneficiary attending the camp should bring their Identity Card. After verification of Identity the beneficiary will sit in the Waiting Room. Vaccination will be given to the beneficiary after verification of details in the CoWIN portal. The vaccine administration to the beneficiary will be entered in the CoWIN portal and will be advised to wait in the Observation Room for 30 minutes to know the AEFI if any.All IEC activities relating to COVID-19 vaccination such as Banner, Poster and Foam Boards etc., are to be displayed in the Waiting and Observation Rooms.

After completion of "Dry Run" and receipt of reports from all District Collectors in the prescribed format and on scrutiny the Principal Secretary to Government, Health and Family Welfare Department will submit the report to GoI.

Inauguration of COVID Vaccination:



The Government of India have initially selected 60 places for inauguration of COVID Vaccination in the entire country of which 2 places (Rajiv Gandhi Hospital in Chennai and Rajaji Hospital in Madurai) have been selected for inauguration in the State.

In Tamil Nadu COVID Vaccination started in the identified 166 places and then expended to all PHCs / GHs / MCHs.



COVID VACCINATION in the country was inaugurated by the then Hon'ble Prime Minister of India at New Delhi and by the then Chief Minister of Tamil Nadu on 16.01.2021 at Rajaji Hospital, Madurai and COVID Vaccination continuing till now in the State.

The various stages of implementation of COVID Vaccination in the State are detailed as follows:

1	COVID vaccination starting date in the State	16-01-2021
2	Vaccination started for HCW&FLW	16-01-2021
3	Vaccination started for 45 to 59 with Co-morbidities and above 60	01-03-2021
4	Vaccination started in Private Hospitals	01-03-2021
5	Vaccination for above 45 years	01-04-2021
6	Vaccines supplied by Government of India through State Government and last date for vaccination in Private Hospitals	30-04-2021
7	Vaccination for 18-44 years	01-05-2021
8	Lactating Mothers Vaccination	03-07-2021
9	Pregnant women (AN Mothers) Vaccination	03-07-2021
10	15-18 Yrs Category Starting date in the State	03-01-2022
11	Precaution doses started for 60 yrs and above, HCW and all FLW Worker	10-01-2022
12	12-14 Yrs Category Starting date in the State	16-03-2022
13	Har Ghar Dastak Abhiyan 2.0	01-06-2022
14	Precaution Dose Vaccination for 18-59 years under CSR Funds	06-07-2022
15	Precautionary Dose vaccination for above 18 years in all GCVCs at free of cost for 75 days (15-07-2022 to 30-09-2022)	15-07-2022

Co-WIN portal:

The Government of India instructed to enter the details of beneficiaries in the Co-WIN portal. The details of Co-WIN portal as follows:

Co-WIN - The Digital Platform:

Co-WIN (COVID -19 Vaccine Intelligence Network) has been developed as an extension of the existing electronic Vaccine Intelligence Network (eVIN) module for it to be a comprehensive cloud-based IT solution for planning, implementation, monitoring, and evaluation of COVID-19 vaccination in India. The Co-WIN system is an end to end solution that has utilities for the entire public health system from national up to the vaccinator level. The system allows for creation of users (admins, supervisors, vaccinators), registration of beneficiaries (bulk upload and individual registration), facilities/planning unit and session sites followed by planning and scheduling sessions and implementation of vaccination process. Co-WIN system on a real time basis will track not only the beneficiaries but also the vaccines, at national, state and district level. This will allow the system to monitor the utilization, wastage, coverage of COVID-19 vaccination at National, State, District and Sub-District level. The Co-WIN system has the following components

1. The website www.cowin.gov.in will be used by the National, State and District Level administrators, the key features of the website are:

- a) Creation of State and District level admins
- b) Creation of facility/planning unit databases
- c) Creation of vaccinator, and supervisor databases
- d) Manage material relevant to COVID-19 Vaccination and its allocation
- e) Creation of session sites
- f) Bulk upload of beneficiary data for registration
- g) Self-registration by general population
- h) Session management for linking session sites, vaccinators, supervisors, and beneficiaries
- i) Rights for viewing sessions and beneficiary allocated to these sessions for Block Admin and Facility Medical Officer In charge and
- j) Monitoring and Reporting.

2. The application www.app.cowin.gov.in will be for the following:

- a) Registration of individual beneficiaries by facility/planning unit level users; and
- b) For authentication/verification of beneficiaries and recording the successful vaccination at time of conducting the session.

Process flow of Co-WIN

Input Functionalities

- Creation of state, district level admins
- Creation of facilities/planning unit databases
- Creation of vaccinators, supervisor databases
- Manage material related to COVID-19 vaccination and its allocation
- Creation of session sites
- Bulk upload of beneficiary data for registration
- Self Registration by general population

Process Functionalities

- Session management for linking session sites, vaccinators, supervisors, and beneficiaries
- Conducting sessions using mobile app

Output Functionalities:

- Confirmation of vaccination after verification and authentication using mobile app
- Monitoring and Reporting

Self-registration by general population:

Self-registration link on Co-WIN website is essentially meant for the general population wherein an individual can register himself/herself by providing her/his basic demographic details like name, Date of Birth, permanent and current address and details of co-morbidities, if any. An individual interested to register her/himself will be required to provide her/his photo identity from one of the following:

- a) Aadhaar Card;
- b) Driving License;
- c) Health Insurance Smart Card issued under the scheme of Ministry of Labour;
- d) MNREGA Job Card;
- e) Official identity cards issued to MPs/MLAs/MLCs;
- f) PAN Card;
- g) Passbook issued by Bank/Post Office;
- h) Passport;
- i) Pension Document;
- j) Service Identity Card issued to employees by Central/State Govt./PSUs/ Public Limited Companies;
- k) Smart Card issued by RGI under NPR; and
- l) Voter ID.

Photo identity can either be uploaded on Co-WIN system (in PDF, JPG or PNG file formats) or can be pulled from the existing Digi Locker account of the individual. In case an individual chooses to provide Aadhaar as Photo ID, Co-WIN system will perform an Aadhaar authentication. Individual can select the method of authentication from one the following methods:

- a) **Biometric** - If a biometric device is available then a biometric scan/finger- print scan can be done for authentication. Once the biometric authentication is successful, demographic details of the individual i.e. Name, DoB, Gender, Permanent Address as per the Aadhaar will auto-populate.
- b) **OTP Authentication** - Click on OTP authentication to send an OTP to registered mobile number. Individual will then enter the OTP received on registered mobile number and click on verify. If the OTP authentication is successful, demographic details of individual i.e. Name, DoB, Gender, Permanent Address as per the Aadhaar will auto-populate.
- c) **Demographic Authentication** - If biometric device is not available or the individual does not have registered mobile number in Aadhaar handy, s/he can enter the demographic details i.e. Name, DoB, Gender and select Demo Authentication. If the Demographic authentication is successful, a green tick will appear confirming the same. Common Service Centres may be utilized for self-registration, wherever need. Self-registration module will be made available in the later phases of implementation.

Features of Co-WIN application:

Vaccinator Module:

Vaccination module in the Co-WIN system will be used by Vaccinator Officer and Vaccination officer 2 at the time of vaccination. At the session site, only pre-registered beneficiaries will be allowed to proceed or vaccination. Before vaccination, Vaccination Officer 2 will use the Co-WIN application to verify the beneficiaries for whom Aadhaar authentication has been done at time of registration by using Aadhaar card or other Photo IDs as per the guidelines. For the beneficiaries whose Aadhaar authentication has not been done previously, the verifiers will conduct the Aadhaar authentication, if Aadhaar card/number is available. If Aadhaar card/number is not available, then other Photo IDs will be used as per guidelines. Once the beneficiary details are authenticated/verified they will proceed for vaccination and their vaccination status will be updated to 'Vaccinated' in the application by the Vaccination Officer 2 after confirmation of the same from the Vaccinator officer. The supervisors will have access to the list of session sites and beneficiaries to be vaccinated on a designated day in the Co-WIN application. The supervisors will use this list to monitor and supervise the session sites on the day of vaccination. For registered beneficiaries who don't have an Aadhaar card or other Photo ID, the vaccination officer will crosscheck the demographic details from the beneficiary as per the details in application and if found correct, the beneficiary will be vaccinated.

Challenges faced during COVID Vaccination:

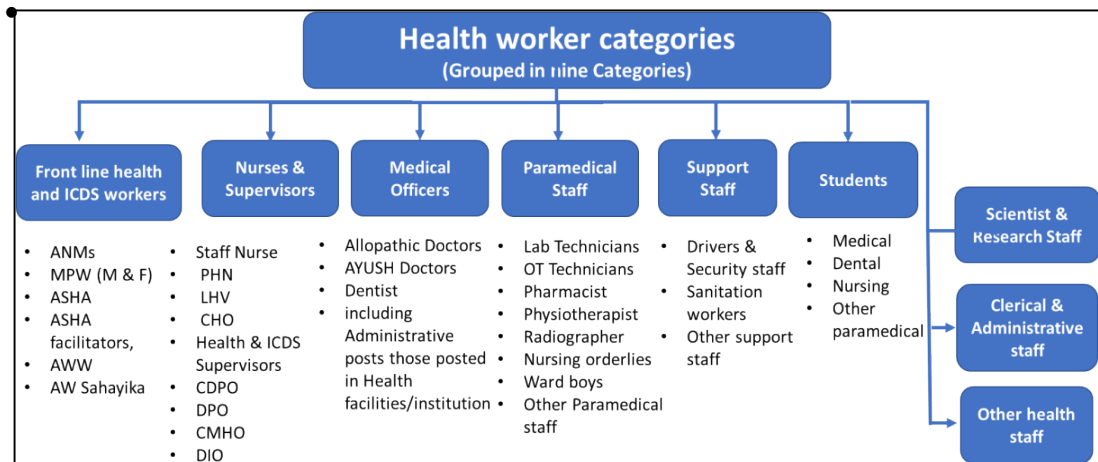
- As per Government of India instructions and guidelines COVID Vaccination for the public is voluntary and not compulsory.
- Vaccine **Hesitancy** prevailed among the public during January 2021.
- Due to Post Peak of 1st and 2nd wave of COVID Pandemic most of the public not willing to get COVID Vaccination.
- Management of Adverse Events Following Immunization (AEFIs) cases during COVID Pandemic.
- Media Hypes.
- Vaccine Wastages in the initial stage was high.

Phase – 1 of COVID Vaccination

Phase – 1 of COVID Vaccination

A. Vaccination of Health Care Workers:

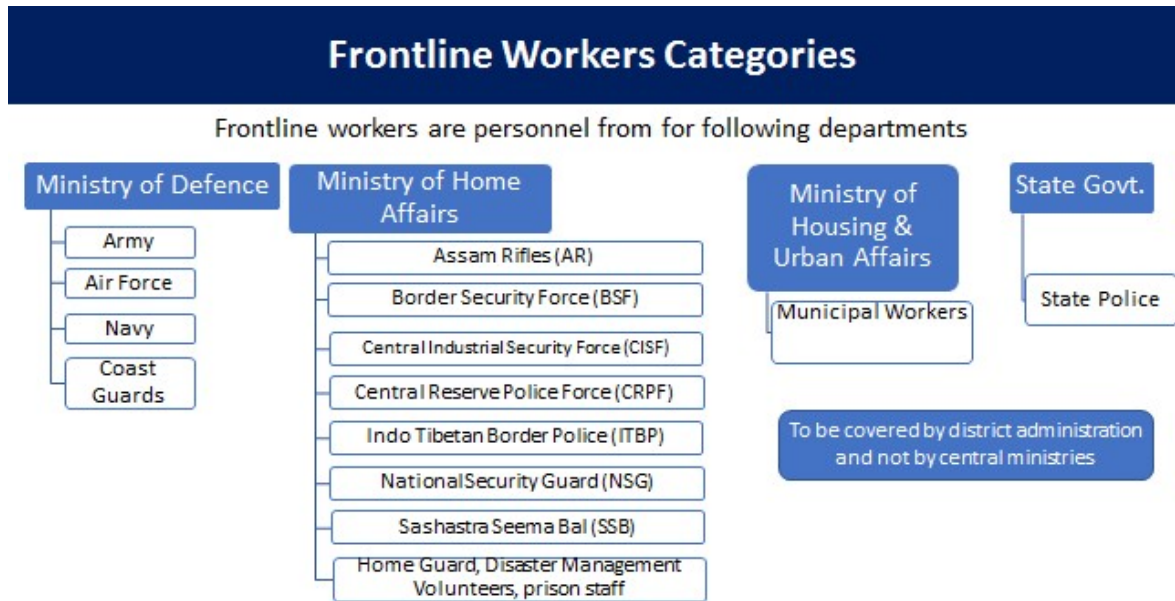
- As a first step of vaccination COVID Vaccination for all Health Care Workers started from 16.01.2021. For this purpose all Deputy Director of Health Services were been requested to upload Health Care Worker details in Co-WIN Digital Platform. Around 5.5 Lakh Health Care Workers have been uploaded by all Deputy Director of Health Services in Co-WIN Digital Platform.



- Till date (28.11.2022) below mentioned COVID Vaccination have been given to Health Care Workers:
 - 1st dose - 5,51,792 (98%)
 - 2nd dose - 3,68,694 (65%)
 - Precaution Dose - 2,06,588

B. Vaccination of Frontline Workers:

- As per the Government of India Guidelines and instructions COVID Vaccination for Frontline Workers such as Police Department, Revenue Department, Local Body and Village Panchayat started in the State from 02.02.2021. The type of Frontline workers to be vaccinated was communicated by Government of India. Vaccination achievement of Frontline Workers as follows:



• Coverage of Frontline Worker:

- | | | |
|-------------------------|---|----------------|
| a. 1 st dose | - | 8,06,810 (82%) |
| b. 2 nd dose | - | 4,57,236 (47%) |
| c. Precaution Dose | - | 3,68,921 |

Phase – 2 of COVID Vaccination

Phase – 2 of COVID Vaccination

A. Vaccination for 45-59 with Co morbid and 60 years and above:

- As per Government of India letter D.O. No.1920764/2020/Imm, Dated:27.02.2021 of AS&MD, MoH&FW, New Delhi COVID Vaccination for 45-59 years with co-morbidity and 60 years and above was started from 01.03.2021
- This office letter R.No.91298/Imm/S1/2019, Dated:28.02.2021 the same was communicated to all Deputy Director of Health Services.

B. Permission granted for COVID Vaccination in Private Hospitals:

- COVID-19 Vaccination to all the age appropriate categories, including initially the people above 60 years of age and those aged from 45 years to 59 years with co-morbidities in the Government COVID Vaccination Centre / Private COVID Vaccination Centres approved under the PMJAY / CMCHIS Scheme under the CGHS or under any health insurance scheme of the State Government has initiated from March 1st, 2021 - Vaccination for employees and families of the staff (45-59 years with co-morbidities and more than 60 years) of Public Sector undertaking (Central / State Government).

C. Vaccination for above 45 years:

- As per Government of India instruction in D.O.No.1940407/2020/Imm, Dated:23.03.2021 the State initiated actions for vaccinating above 45 years from 01.04.2021.
- In this office letter R.No.91298/Imm/S1/2019, Dated:24.03.2021 all Deputy Director of Health Services were instructed to extend the vaccination for more than 45 years from 01.04.2021.
- Government of India during 3rd NEGVAC Meeting conducted on 03.04.2021 issued guidance for COVID Vaccination of Industrial Employees. Based on this instructions were issued to all Deputy Director of Health Services to vaccinate above 45 years at work places in R.No.91298/Imm/S1/2019, Dated:05.04.2021 in co-ordination with Joint Director of Industrial Safety and Health (DISH).

Phase 3 of COVID Vaccination

Phase 3 of COVID Vaccination:

A. COVID Vaccination for 18-44 years:



- As per the Government of India D.O.No.1920764/2020-Imm. Dated: 23.04.2021 the Government of India provided instructions to vaccinate all its citizen in the age group 18-44 years in addition to the already permitted age categories.
- The Ministry of Health and Family Welfare, Government of India issued a Press Release on 19.04.2021 on Phase 3 of COVID Vaccination throughout the Country. In the Press Release the States have been given the responsibility to procure and administer the vaccine to the people in the age group 18-44 years.
- Hon'ble Chief Minister of Tamil Nadu inaugurated the vaccination programme for 18-44 years on 20.05.2021 at Tiruppur, on 21.05.2021 at Trichy and 22.05.2021 at Chennai.
- The State Government has issued orders G.O. (Ms) No.252, Health and Family Welfare (P1) Department, Dated:22.05.2021 in which the following group of people of age 18+ years vaccinated with State procured doses at free of cost in Government Covid Vaccination Centre (GCVC)

- Newspaper Boys, Milk Vendors / Distributors, Street Vendors, Pharmacies Staff working in groceries, Auto Drivers, Taxi Drivers, Bus Drivers / Conductors, EB Staffs, Local body Employees, E-Commerce, Workers in essential industries, Construction workers, Other State Labours, All government Staff, All State Transport Employees, All School and Colleges Teachers / Professors, Press / Media persons etc.,



- Volunteers who serve the food to the COVID patients in containment Area, Members of NGO's who help out in hospitals
- Seafarers working in shipping industries and employees of Airport.
- Differently-abled persons: On production of differently-abled certificate, they may be vaccinated without waiting in queue. The Department / Commissionerate of Welfare of Differently Aabled to organize special camps for vaccination in co-ordination with Health Department.

B. Lactating Mothers vaccination



- The Government of India in D.O.No.1940407/2020/IMM, Dated:19.05.2021 communicated to all states to vaccinate all Lactating Women with COVID-19 Vaccination.
- Hon'ble Minister for Medical and Family Welfare Department, Government of Tamil Nadu inaugurated the COVID Vaccination for Lactating Women at Cuddalore on 03.07.2021.

Phase 4 of COVID Vaccination

Phase 4 of COVID Vaccination

A. GoI Revised COVID Vaccination Policy:

- As per the Government of India office memorandum F.No.2079203/2021/Imm, Dated:08.06.2021 of MoH&FW, New Delhi the Government of India revised the guidelines for implementation of COVID Vaccination programme with effect from 21.06.2021 which states Government of India will procure 75% of the vaccines and will be issued to the States based on the criteria of population diseased burden and the process of vaccination at free of cost in all Government Vaccination Centres and 25% of the vaccines to Private Hospitals.

B. Pregnant women (AN Mothers) Vaccination

- As per Government of India instructions in D.O. No.2022335/2021/Immunization, Dated:02.07.2021 all Deputy Director of Health Services were been instructed to vaccinate all Pregnant Women with COVID Vaccines from 03.07.2021 in this office letter R.No.91298/Imm/S1/2019, Dated:03.07.2021.
- Hon'ble Minister for Medical and Family Welfare, Government of Tamil Nadu inaugurated COVID Vaccination for Pregnant Women at Cuddalore on 03.07.2021.
- The Government of India communicated Operational Guidance for COVID Vaccination of Pregnant Women based on the recommendations of NTAGI. The National Expert Group on Vaccination administration for COVID Vaccine (NEGVAC) too has unanimously recommended it.
- Pregnant women, who opt for vaccination, can be vaccinated with COVID-19 Vaccines available in the country any time during their pregnancy at the nearest Government or Private COVID Vaccination Centre (CVC) after registration on Co-WIN or by walk-in-registration at the nearest CVC IMMEDIATELY.
- The procedures and modalities of COVID Vaccination like registration, generation of certificates after vaccination etc, will remain the same as it is for any beneficiaries above 18 years of age under the National COVID-19 Vaccination Programme.

C. Demand Aggregation of COVID vaccines and utilization of CSR funds:



- The Government of India have issued revised COVID Vaccination Policy from 21.06.2021 in which vaccines manufactures have to supply 75% to Government of India and Government of India will supply the vaccines to the States at free of cost and balance 25% allocated to Private Hospitals based on aggregated demand of such hospitals.
- Hon'ble Minister for Medical and Family Welfare, Government of Tamil Nadu conducted a Consultative Meeting with all Private Hospitals including the Private Empanelled Hospitals under CMCHIS and discussed about the Demand Aggregation of COVID Vaccines for the 25% allocation reserved for the Private Hospital on 23.07.2021 at Anna Centenary Library Auditorium, Kotturpuram, Chennai. Around 250 participants from various Private Hospitals including CMCHIS Empanelled Hospitals and Major Industries from Chennai, Tiruvallur, Kanchipuram, Ranipet, Vellore and Tirupattur participated in the meeting.
- About 32 Major Industries and Private Hospital provided commitment to contribute 2.21 crores for procurement of COVID Vaccines under CSR Funds for vaccinating poor people.
- Hon'ble Chief Minister of Tamil Nadu inaugurated the Free COVID Vaccination Camps conducted by CII and Private Hospitals from CSR Funds on 28.07.2021 at Kaveri Hospital, Chennai. Cheque worth for Rs.2.27 crores were received.

D. Mega COVID -19 Vaccine campaign:



- As a part of improving the COVID Vaccination in the State and as per the guidance and instructions of Hon'ble Minister for Medical and Family Welfare, the Principal Secretary to Government, Health and Family Welfare Department, the Director of Public Health and Preventive Medicine along with the Joint Director (Immunization) had taken necessary action for conducting one / two Mega COVID Vaccination Camps in a week in all districts.

- The month wise coverage of COVID Vaccination in Government COVID Vaccination Centres (GVCs) including Mega COVID Vaccination Camps in the State is detailed as follows:

S.No.	Month	Month wise performance
1	January 2021	105543
2	February 2021	352456
3	March 2021	2573680
4	April 2021	2822499
5	May 2021	3078722
6	June 2021	5700783
7	July 2021	6751408
8	August 2021	9167198
9	September 2021	14475866
10	October 2021	11426404
11	November 2021	11908291
12	December 2021	12758310
13	January 2022	11086167
14	February 2022	4571394
15	March 2022	4909896
16	April 2022	3451936
17	May 2022	3419499
18	June 2022	2398931
19	July 2022	5196160
20	August 2022	3785423
21	September 2022	4305571
22	October 2022 (up to 18.10.22)	69121
	Total	124315258

- The State has conducted 38 Mega COVID Vaccination Camps covering 5,51,30,576 beneficiaries. Following table describes the number of camps conducted for each month and coverage of beneficiaries.

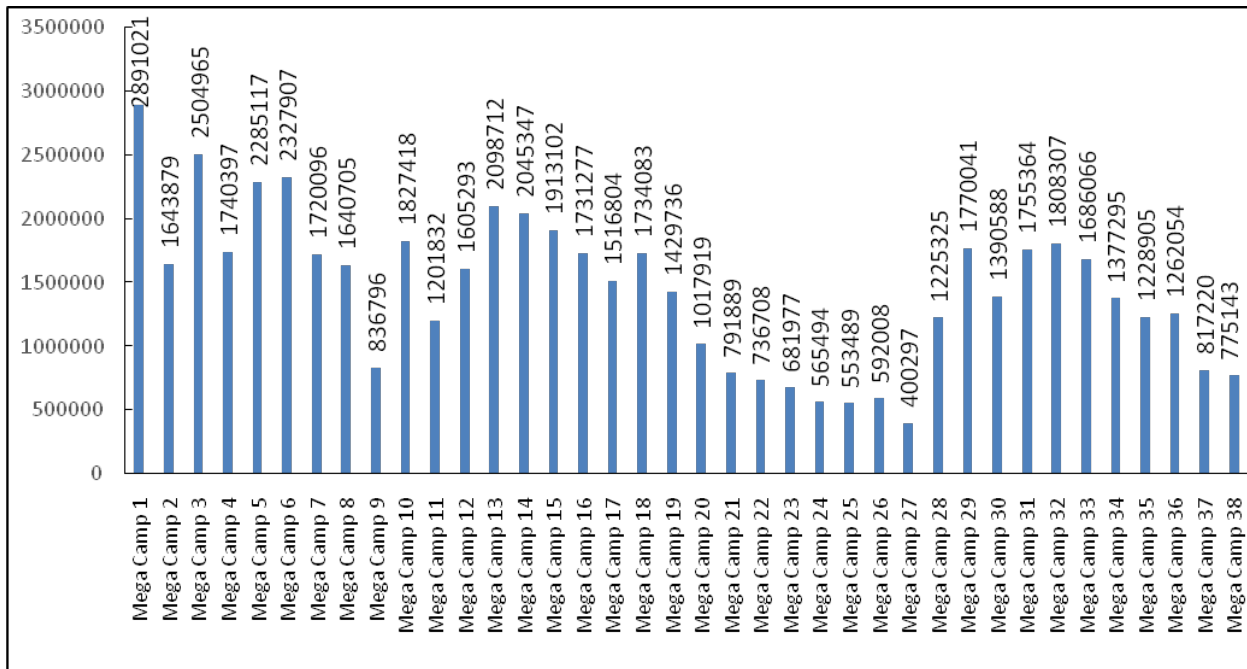
- The day wise camps conducted details as follows:

S.No	Month	Date of Camps	Total camps
1	September 2021	12.09.2021	3
2		19.09.2021	
3		26.09.2021	
4	October 2021	03.10.2021	4
5		10.10.2021	
6		23.10.2021	
7		30.10.2021	
8	November 2021	14.11.2021	5
9		18.11.2021	
10		21.11.2021	
11		25.11.2021	
12		28.11.2021	
13	December 2021	04.12.2021	4
14		11.12.2021	
15		18.12.2021	
16		26.12.2021	
17	January 2022	02.01.2022	4
18		08.01.2022	
19		22.01.2022	
20		29.01.2022	
21	February 2022	05.02.2022	2
22		12.02.2022	
23	March 2022	05.03.2022	4
24		12.03.2022	
25		19.03.2022	
26		26.03.2022	
27	April 2022	02.04.2022	2
28		30.04.2022	
29	May 2022	08.05.2022 (Special Camp)	1
30	June 2022	12.06.2022 (Special Camp)	1
31	July 2022	10.07.2022 (Special Camp)	2
32		24.07.2022	
33	August 2022	07.08.2022	2
34		21.08.2022	
35	September 2022	04.09.2022	4
36		11.09.2022	
37		18.09.2022	
38		25.09.2022	

- The following table shows the month wise coverage and Mega COVID Vaccination coverage with percentage of share:

S.No.	Month	No. of Mega Camp conducted	Month wise performance	Mega Camp Coverage	% of Mega Camp share
1	January 2021		105543		
2	February 2021		352456		
3	March 2021		2573680		
4	April 2021		2822499		
5	May 2021		3078722		
6	June 2021		5700783		
7	July 2021		6751408		
8	August 2021		9167198		
9	September 2021	3	14475866	7039865	49
10	October 2021	4	11426404	8073517	71
11	November 2021	5	11908291	7112044	60
12	December 2021	4	12758310	7788438	61
13	January 2022	4	11086167	5698542	51
14	February 2022	2	4571394	1528597	33
15	March 2022	4	4909896	2392968	49
16	April 2022	2	3451936	1625622	47
17	May 2022	1	3419499	1770041	52
18	June 2022	1	2398931	1390588	58
19	July 2022	2	5196160	3563671	69
20	August 2022	2	3783770	3063361	81
21	September 2022	4	4305571	4083322	77
22	October 2022 (upto 18.10.22)		69121		
	Total	38	124315258	55130576	44

- The following curve indicates that the monthly coverage of vaccination improved because of the conduct of Mega COVID Vaccination Camps. Minimum 33% to maximum 81% contribution from Mega COVID Vaccination Camps.



- **Mega Vaccination Camp - Challenges Faced**

- ✓ Inadequate Funds Mega Vaccination Camp
- ✓ VHN and other were fatigue for conducting camp from 7 a.m to 7 p.m
- ✓ Due to Internet Connectivity in rural areas updating in the Cowin portal could not be done in time
- ✓ Inadequate Supply of Vaccines by GoI in the beginning of Camp
- ✓ Management of AEFI Cases

E. Introduction of 24x7 COVID Vaccination Centres :

- To help the public to get COVID Vaccination as per their convenience 24x7 COVID Vaccination Centres established in the State during August 2021.
- Hon'ble Minister for Medical and Family Welfare, Government of Tamil Nadu inaugurated 24x7 COVID Vaccination Centre at DMS Campus on 22.08.2021.



- Further, the functioning of 24x7 COVID Vaccination Centres extended to all Medical College Hospitals and District Head Quarters Hospitals in the State.

F. Har Ghar Dastak Abhiyan (Door to door COVID-19 vaccination):



- As per the instructions of Government of India Har Ghar Dastak Abhiyan (Door to Door COVID Vaccination) have been done through Mobile Team consisting of Doctor, Vaccinator, Data Entry Operator and Mobilizer in the State.
- Hon'ble Minister for Medical and Family Welfare inaugurated Door to Door Vaccination through Mobile Team in Chengalpattu HUD on 02.11.2021 and subsequently implemented in the State from 10.11.2021 and report collected on daily basis.

Coverage of Door to Door Vaccination as follows:

- 1st dose - 7538578
- 2nd dose - 13234062

G. Implementation of Public Health Act, 1939:

Due to the severity of second wave of COVID Infection in the State and to protect Pubic from COVID Infection to safeguard their lives the Director of Public Health and Preventive Medicine has issued communication in R.No.91298/Imm/S1/2019, Dated:18.11.2021 to all Deputy Director of Health Services and Corporation Authorities to implement Tamil Nadu Public Health Act,1939 by suitably informing the owner / occupier of the above places and ensure that all the places notified under Section 71, Sub Section (1) are occupied by the persons **“who are vaccinated against COVID-19”** so as to prevent the spread of infection from the infected persons to other persons.

Under Section 71, Sub section (1), No person who knows that he is suffering from a notified disease shall expose other persons to the risk of infection by his presence or conduct in-

- a) Any street or Public place, or
- b) Any market, Theatre or Other place of entertainment or assembly, or
- c) Any School, College, Playground or such other place, or
- d) Any Hotel, Hostel, Boarding House, Choultry, Rest – House, or Club, or
- e) Any factory or Shop.





Chapter – VII, Part-1 Under Section 76, Clause (b) of Sub-Section (2) the Director of Public Health and Preventive Medicine has the power to make vaccination and preventive inoculations compulsory subject to the provisions of sub-section (3).

However, the above notification was withdrawn from 03.04.2022 in R.No.91298/Imm/S1/2019 by this Department.

H. Stand Alone Vaccination Centres:



- Since all regular Medical and Paramedical Staff were involved in the containment measures activities of COVID Infection, there is a need for creation of Stand Alone COVID Vaccination Centre in all 2286 PHCs by the hired vaccinator at PHC.

Need for the project:

- The revised Mid-Year Estimated population (2021) of the State is 7.64 Crores and eligible above 18 years beneficiaries are 5.78 Crores.
- The Government of Tamil Nadu provided instructions to vaccinate all citizens of age group of above 18 years in the State.
- Till date (20.12.2021), 8,07,20,019 beneficiaries have been vaccinated with both Covishield and Covaxin. Among these 4,88,73,395 beneficiaries (84.42%) have been vaccinated with 1st dose and 3,18,46,624 beneficiaries (55.01%) have been vaccinated with 2nd dose in the State.

- As on date (21.12.2021) 90,05,013 beneficiaries for 1st dose due and 95,28,599 beneficiaries due for 2nd dose are waiting to get COVID Vaccination.
- In order to lift the Vaccination Drive to the next step, the Government of Tamil Nadu has instructed to conduct “**Village wise Vaccination Camp**” in addition to “**Mega Vaccination Camps** to cover all the left out for the 1st dose and 2nd dose due beneficiaries of eligible population above 18 years in the State.
- Further, as per the instruction of Govt. of Tamil Nadu so far 15 Mega COVID Vaccination camps had been successfully conducted and covered 2,82,82,587 beneficiaries in the State.
- In future the State need to vaccinate another 6 Crore doses for the eligible 18 years above population and also need to vaccinate around 4 Crore doses for 1.86 Crore population of less than 18 years based on the instructions of Government of India.
- **In future considering the pending dues for first and second dose the current pattern of Mega COVID Vaccination Camps and Village wise Vaccination Camps alone may not sufficient to achieve the vaccination as said in above within the time period to fight against the pandemic. Also there may be a need for booster dose vaccination.**

Establishment of Stand Alone COVID Vaccination Centre:

- It is proposed to establish a “**Sustainable Model**” of providing services through a “**Standalone Vaccination Center**” in all 2286 Primary Health Centers (Urban & Rural) for especially to reach the poor and downtrodden people including Greater Chennai Corporation.
- To improve the Covid Vaccination a proposal for Establishing services of a Stand Alone COVID Vaccination Centre in all 2286 PHCs (Rural / Urban) at a cost of Rs.21,39,69,600/- had been submitted to the Mission Director.
- The Mission Director has sanctioned **Rs.10,69,84,800/- (Rupees Ten Crores Sixty Nine Lakhs Eighty Four Thousand and Eight Hundred only)** for Establishing services of Stand Alone COVID Vaccination Centre in 2286 PHCs for 3 months.

Cost involved for the Project:

- **For establishing services of Stand Alone COVID Vaccination Centre in all 2286 PHCs the Fund required for 3 months as follows:**

Number of PHCs (Rural and Urban)	2286
Number of Stand Alone COVID Vaccination Centre	2286
Total Cost Involved*	$2286 \times (500 + 100) \times 26 \text{ days} = 106984800$
*Rs.500/- as Honorarium per day per Vaccinator (subject to 26 working days) Rs.100/- as Contingency per day per Institution Number of months 3	

- The fund allocation for various HUDs based on the number of PHCs / UPHCs.

Description of the Model

- In this regard, all Deputy Director of Health Services/CHO, Chennai were been instructed to follow the below mentioned guidelines for successful establishment of Stand Alone COVID Vaccination Centre services in all 2286 PHCs and to ensure 100% COVID Vaccination in their HUD in target and due beneficiaries.
 - All Deputy Director of Health Services/CHO, Greater Chennai Corporation instructed to conduct BMO/MO meeting and brief them about the Establishment of services of Stand Alone COVID Vaccination Centre in all PHCs by hiring the services of retired VHN/UHN/ANM/Staff Nurse and eligible Training Nursing Students(ANM/DGNM and so on).
 - All Deputy Director of Health Services are instructed to give preference for hiring Health Care Workers who worked in COVID control activities during the COVID pandemic and local retired Health Care Workers.
 - All Deputy Director of Health Services should instruct the Medical Officer in charge of PHC to allocate separate corner from the available space in the PHC for Stand Alone COVID Vaccination Centre.

- Necessary IEC materials regarding COVID control measures and COVID Vaccination should be displayed in the Stand Alone COVID Vaccination Centre.
- One Vaccinator shall be selected for each PHC totaling to 2286 Vaccinators
- The service of the Vaccinator shall be utilized in the PHC or shall be utilized in the PHC area for COVID Vaccination as per the need/discretion of the Medical Officer incharge of the PHC based on the due beneficiaries to be vaccinated.
- The Vaccinator should also be trained to take swab samples for RT-PCR and entry in Co-WIN portal updates on real time basis in addition to COVID Vaccination
- The service of each Vaccinator shall be utilized for maximum of 26 days in a month. But services should be available to General Public on all days including Sunday's by suitably posting other available staff for the benefit of General Public. Also please note that the services of such hired vaccinators may be prioritized for Sunday so that the regular staff may be given weekly off on Sunday.
- All MOs to be instructed to maintain attendance for the hiring staff.
- The working hours for the hired staff shall be fixed by the concerned Medical Officer incharge of the PHC based on the need but not less than 8 hours a day (8am-5pm with 1 hour lunch).
- The individual selected as vaccinator shall be paid Rs.500/- as Honorarium and Rs.100/- as Contingency per day for the Institution and permitted to use as per need.
- Deputy Director of Health Services should release funds only upon verification of attendance of the hired staff for each PHC.
- All BMOs/MOs should be instructed to achieve 100% COVID Vaccination and to concentrate on the regular MCH/Immunization and other activities in the PHC.
- All the Deputy Director of Health Services are hereby strictly informed that the above arrangement is purely temporary on hiring of required services and not a permanent employment in the PHC by any means.

Human Resource:

- One Vaccinator shall be selected for each PHC totaling to 2286 Vaccinators by hiring the services of retired VHN/UHN/ANM/Staff Nurse and eligible Training Nursing Students(ANM/DGNM and so on).
- The individual selected as vaccinator shall be paid Rs.500/- as Honorarium and Rs.100/- as Contingency per day for the Institution.

Capacity building strategy:

- By establishing Stand Alone COVID Vaccination centre in all PHCs (2286 PHC) in the State by hiring services of retired VHN/UHN/ANM/Staff Nurse and eligible Training Nursing Students(ANM/DGNM and so on) will definitely improve the COVID Vaccination performance.
- Activities of Stand Alone COVID Vaccination Centers established in all PHCs (2286 PHC) will be monitored by the Director of Public Health and Preventive Medicine / Joint Director (Immunization) in the State level and by Deputy Director of Health Services (DIOs) in the Health Unit District level.

Stand Alone Covid Vaccination Center in 2286 PHCs							
S.No	Name of the HUD	Total PHC (Rural/Urban)	Honorarium Rs.500 per day	Contingency Rs.100 to Institution	No. of Working Days	No. of Months	Total Amount Required
1	Aranthangi	34	500	100	26	3	1591200
2	Ariyalur	39	500	100	26	3	1825200
3	Attur	39	500	100	26	3	1825200
4	Chengalpattu	49	500	100	26	3	2293200
5	Chennai Corp.	160	500	100	26	3	7488000
6	Cheygar	44	500	100	26	3	2059200
7	Coimbatore	89	500	100	26	3	4165200
8	Cuddalore	71	500	100	26	3	3322800
9	Dharmapuri	51	500	100	26	3	2386800
10	Dindigul	39	500	100	26	3	1825200
11	Erode	76	500	100	26	3	3556800
12	Kallakurichi	45	500	100	26	3	2106000
13	Kancheepuram	28	500	100	26	3	1310400
14	Karur	37	500	100	26	3	1731600
15	Koilpatti	24	500	100	26	3	1123200
16	Krishnagiri	61	500	100	26	3	2854800
17	Madurai	88	500	100	26	3	4118400
18	Myladuthurai	31	500	100	26	3	1450800
19	Nagapattinam	27	500	100	26	3	1263600
20	Nagercoil	47	500	100	26	3	2199600

21	Namakkal	63	500	100	26	3	2948400
22	Palani	34	500	100	26	3	1591200
23	Paramakudi	30	500	100	26	3	1404000
24	Perambalur	29	500	100	26	3	1357200
25	Poonamallee	12	500	100	26	3	561600
26	Pudukottai	42	500	100	26	3	1965600
27	Ramanad	29	500	100	26	3	1357200
28	Ranipet	36	500	100	26	3	1684800
29	Salem	68	500	100	26	3	3182400
30	Sivaganga	52	500	100	26	3	2433600
31	Sivakasi	36	500	100	26	3	1684800
32	Tenkasi	52	500	100	26	3	2433600
33	Thanjavur	77	500	100	26	3	3603600
34	The Nilgiris	37	500	100	26	3	1731600
35	Theni	41	500	100	26	3	1918800
36	Tiruchirapalli	84	500	100	26	3	3931200
37	Tirunelveli	52	500	100	26	3	2433600
38	Tirupathur	37	500	100	26	3	1731600
39	Tiruppur	67	500	100	26	3	3135600
40	Tiruvallur	55	500	100	26	3	2574000
41	Tiruvannamalai	55	500	100	26	3	2574000
42	Tiruvarur	50	500	100	26	3	2340000
43	Tuticorin	36	500	100	26	3	1684800
44	Vellore	46	500	100	26	3	2152800
45	Villupuram	65	500	100	26	3	3042000
46	Virudhunagar	22	500	100	26	3	1029600
	Total	2286	500	100	26	3	106984800

I. COVID Vaccination for Transgender:

- As per communication of GoI vide D.O. letter No.T-22020/14/2020-Imm, Dated: 14.01.2021 of the Additional Secretary, MoH&FW has provided the precautions and contra indication for Covid-19 vaccination wherein Hormone Therapy and other treatment are not included as contraindications and hence it is well understood that Transgender on Hormone Therapy can be vaccinated for COVID-19.

Phase 5 of COVID Vaccination

Phase 5 of COVID Vaccination

A. COVID Vaccination of 15-17 years:

- The Government of India issued instructions in the letter No.21878982021/Imm of Advisor (RCH), MoH&FW, New Delhi, Dated:26.12.2021 the vaccination for 15-17 years. Hon'ble Chief Minister of Tamil Nadu inaugurated the COVID Vaccination for 15-17 years on 03.01.2022 at Government Girls Higher Secondary School, Saidapet, Chennai and simultaneously inaugurated in all HUDs on the same day itself.



- In this office reference letter R.No.91298/Imm/S1/2019, Dated:02.01.2022 all Deputy Director of Health Services were been instructed to conduct COVID Vaccination for 15-17 years in all Schools in co-ordination with District Educational Authorities.
- Also the Commissioner of School Education was requested to issue guidelines to the School Authorities of Government, Aided and Private Schools to co-ordinate with the concerned Deputy Director of Health Services for conducting the camp successfully.

B. Precaution dose for HCW, FLW and above 60 with co-morbidities:

- In D.O.No.2467806/2021/Imm, Secretary to Government, MoH&FW, letter Dated:28.12.2021, the Government of India have instructed all States to start Precaution Dose COVID vaccination for Health Care Workers, Frontline Workers and above 60 years with co-morbidities from 10.01.2022.
- The Precaution Dose COVID Vaccination was inaugurated by the Hon'ble Chief Minister of Tamil Nadu on 10.01.2022 at Image Auditorium, MRC Nagar, Chennai – 28 and was simultaneously inaugurated in all HUDs on the same date.
- In this office letter R.No.91298/Imm/S1/2019, Dated:29.12.2021 all Deputy Director of Health Services were been instructed to start Precaution Dose COVID Vaccination as per Government of India guidelines.

C. COVID Vaccination of 12-14 years:





- As per the instructions issued in the Government of India letter D.O.No.P-2317579/2021/Imm, Dated:14.03.2022 of Secretary, MoH&FW, New Delhi the COVID Vaccination for 12-14 years in the State was inaugurated by the Hon'ble Minister for Medical and Family Welfare on 16.03.2022 at Government Girls Higher Secondary School, KK Nagar, Chennai and was inaugurated in all HUDs on the same date.
- Based on the instructions issued by Government of India all Deputy Director of Health Services were been instructed by this office letter R.No.432/Imm/S1/2022, Dated:15.03.2022 to conduct COVID Vaccination Camp in Schools for vaccinating 12-14 years.
- The Commissioner of School Education was requested to issue guidelines to the School Authorities of Government, Aided and Private Schools to co-ordinate with the concerned Deputy Director of Health Services for conducting the camp successfully for 12-14 years.
- Further guidelines regarding 12-14 years COVID Vaccination in the Schools run by the Social Welfare Department and Tribal Welfare Department were also issued in this office R.No.432/Imm/S1/2022, dated:15.03.2022.

D. Har Ghar Dastak Abhiyan 2.0 (Door to Door COVID Vaccination):



- The Government of India have instructed to conduct Door to Door COVID Vaccination / Neat to Home Vaccination under Har Ghar Dastak Abhiyan 2.0 for 2 months from 1st June 2022 to 31st July 2022.
- In this office letter R.No.432/Imm/S1/2022, Dated:04.06.2022 all Deputy Director of Health Services were been instructed to conduct Door to Door COVID Vaccination / Neat to Home Vaccination under Har Ghar Dastak Abhiyan 2.0 in the above mentioned period to cover beneficiaries for 1st dose left out, 2nd dose due and Precaution Dose in Old age homes, Schools, Colleges, Prisons, Brick Kilns and also drop out school children.



- Door to Door COVID Vaccination coverage details details were collected through Google Sheet and reports were sent to Government of India on daily basis.

COVERAGE UNDER Har Ghar Dastak Abhiyan 2.0

➤ 1 st dose	-	492303
➤ 2 nd dose	-	1985467
➤ Precaution Dose	-	698359

E. Precaution dose for above 18 years in all GCVC at free of cost for 75 days:

- Due to the Celebration of Platinum Jubilee Year of Independence of India the Government of India have instructed all State to conduct COVID Vaccine Amrit Mahotsava implemented for 75 days as “Jan Abhiyaan” from 15.07.2022 to 30.09.2022 for 18 to 59 years at free of cost in all Government Covid Vaccination Centres (GCVC).
- Hon’ble Minister for Medical and Family Welfare, Government of Tamil Nadu inaugurated the Precaution Dose COVID Vaccination for 18-59 years on 15.07.2022 at HFWTC, Egmore under the “Jan Abhiyaan” for 75 days at free of cost in all Government Covid Vaccination Centre (GCVC).



- In this office letter R.No.432/Imm/S1/2022, Dated:14.07.2022 all Deputy Director of Health Services were been instructed to conduct COVID Vaccine Amrit Mahotsava implemented for 75 days as “Jan Abhiyaan” from 15.07.2022 to 30.09.2022 for 18 to 59 years at free of cost in all Government Covid Vaccination Centres (GCVC).

F. Precautionary Dose vaccination Corbevax for above 18 years:

- The Government of India in D.O.No. T.13013/01/2018-Imm of Secretary to Government of India, MoH&FW, Dated:08.08.2022 have instructed to utilize CorBEvax as Precaution Dose for above 18 years eligible beneficiaries from 12.08.2022.

- In this office letter R.No.432/Imm/S1/2022, Dated:12.08.2022 all Deputy Director of Health Services were been instructed to utilize CorBEvax as Precaution Dose for the above 18 years eligible beneficiaries.

COVID Vaccination Performance (as on 30.11.2022):

The COVID Vaccination performance (Government COVID Vaccination Centres (GCVCs) + Private COVID Vaccination Centres (PCVCs)) till date (30.11.2022) of the State is detailed below:

12-14 years:	
1 st dose	20,06,910 (94.62 %)
2 nd dose	16,53,239 (77.95%)
15-18 years:	
1 st dose	30,56,415 (91.35%)
2 nd dose	26,06,081 (77.89%)
Above 18 years:	
1 st dose	5,59,25,528 (96.60%)
2 nd dose	5,30,73,107 (91.68%)
Total	12,76,97,057
Precaution Dose:	93,75,777 (19.70 %)

As per Government of India instructions various special categories of beneficiaries were also vaccinated with COVID Vaccines as detailed below:

Category Vaccinated	Vaccinated
AN Mothers	6,56,501
Lactating Mothers	5,19,421
Differently Abled Person	3,83,891
Homeless Persons	2,888
Mentally ill persons	1,839

Administration of 12.76 Crore doses to the beneficiaries was possible because of continued efforts taken by the Department of Public Health staff in co-ordination with various departments and Partner Agencies like UNICEF, WHO and JSI etc.,

The Director of Public Health and Preventive Medicine along with the Joint Director (Immunization) had conducted review meeting on weekly basis to improve the vaccination status.

Improvement of COVID Vaccination:

Period	Total Vaccine Received	Per day Average	Total Vaccinated	Net Wastage - No. of doses	Wastage in %
From January 16, 2021 to May 7, 2021 (103 days)	74,60,720	61,441	63,28,408	4,34,838	6%
From May 8, 2021 to November 30, 2022 (567 days)	11,18,40,000	2,08,386	11,81,54,648	-686,638	-0.70%

From the date of initiation of COVID Vaccination and up to 103 days the per day average was 61441 and the wastage of doses was at 6%.

Various steps for improving COVID Vaccination from 08.05.2021 to till date were taken and hence the per day average raised from 61441 to 2,08,386 in 567 days and reducing the wastage of doses to -0.70%.

COVID Vaccination Purely on Voluntary:

As per the Directions of Ministry of Health and Family Welfare Department, Govt. of India Vaccination for Covid-19 is **purely voluntary** and not mandatory.

However, it is advised to receive the complete schedule of Covid-19 Vaccines for protecting oneself against this disease and also to limit the spread of this disease to the close contacts including family members, friends, relatives and co-workers.

Successfully vaccinating 12.76 crores doses of COVID Vaccination to the beneficiaries in the State has protected the Public against 3rd and 4th waves of COVID Infection and become possible only because of the tireless effect taken by the Director of Public Health and Preventive Medicine along with the Joint Director (Immunization) in guiding the all staff involved in COVID Vaccination like Mazthoor, VHN, SHN, CHN, Staff Nurse, Students and Staff of all Government and Private Training Institutes, Health Inspector, Block Health Supervisor, Non-Medical Supervisor, Pharmacist, DMCHO, Health Educator, PA to Deputy Director of Health Services, Statistical Assistant, Assistant Director (SBHI), District Malaria Officer, Administrative Officers, Medical Officer i/c of all PHCs, all Block Medical Officers, District Epidemiologist, DTTMO, APM, Immunization Section Staffs at Head Quarters, Deputy Director of Health Services of all Health Unit Districts, Joint Directors of Public Health and Preventive Medicine of all programmes at

Head Quarters, Joint Directors of Health Services (Medical) of all Districts, Deans of all Medical Colleges, Additional Directors of Public Health and Preventive Medicine, Director of Public Health and Preventive Medicine -OSD (PHC) and Director of Public Health and Preventive Medicine - OSD (M&F).

The Director of Public Health and Preventive Medicine also thank the Principal Secretary to Government, Health and Family Welfare Department, The Mission Director, National Health Mission, The Managing Director, TNMSC, The Director of Medical Education, The Director of Medical and Rural Health Services, the Partners Agencies like WHO, UNICEF, JSI and UNDP for their continued support in the implementation of COVID Vaccination programme successfully.

“No one is safe until everyone is safe”

- WHO

Department of Public Health and Preventive Medicine, Chennai 6

Immunisation Division

State Fact Sheet

1. Covid 19 vaccination - Total Coverage (Cumulative) as on 30-11-2022

S.No.	Vaccine type	Government				Private (01-05-2021 to 30-11-2022)			Total (Govt.+Private)		
		Vaccine supplied	Vaccination performance	%	Stock in Hand	Vaccine supplied	Vaccination performance	Stock in Hand	Vaccine supplied	Vaccination performance	%
1	Covishield	9,28,72,340	9,98,10,256	107	1,25,000	21,54,360	25,73,324		9,50,26,700	10,23,83,580	108
2	Covaxin	2,18,78,180	2,06,97,640	95	3,44,590	3,76,340	6,38,288		2,22,54,520	2,13,35,928	96
3	CorBEvax	45,50,200	39,75,159	87	0		2,390		45,50,200	39,77,549	87
	Total	11,93,00,720	12,44,83,055		4,69,590	25,30,700	32,14,002		12,18,31,420	12,76,97,057	

2. Covid 19 vaccination - Total Coverage (Age wise) as on 30-11-2022 (Government CVC)

S.No	Type	Upto date coverage (12-14 years)	Upto date coverage (15-18 years)	Upto date coverage (18-44 years)	Upto date coverage (45-59 years)	Upto date coverage (above 60 years)	Total till date
1	Covishield	0	0	5,38,09,279	3,16,85,837	1,43,15,140	9,98,10,256
2	Covaxin	0	56,62,496	79,68,347	47,48,059	23,18,738	2,06,97,640
3	CorBEvax	36,60,149	0	0	0	0	36,60,149
	Total	36,60,149	56,62,496	6,17,77,626	3,64,33,896	1,66,33,878	12,41,68,045

3a. Covid 19 vaccination - Total Coverage (Dose wise) as on 30-11-2022

Dose	HCW Target - 565218	%	FLW Target - 978023	%	18-44 years Target - 32899000	%	45-59 years Target - 14573000	%	Above 60 years Target - 10419000	%	PCVC Coverage	Total Target - 57891000	%
1st Dose	5,51,792	98	8,06,810	82	3,01,92,192	92	1,54,90,063	106	70,79,756	68	18,04,915	5,59,25,528	96.60
2nd Dose	3,68,695	65	4,57,236	47	2,79,84,486	85	1,59,85,446	110	71,30,245	68	11,46,999	5,30,73,107	91.68
Precaution Dose	2,06,597		3,68,925		37,61,077		22,97,147		24,79,943		2,62,088	93,75,777	19.70
Total	11,27,084		16,32,971		6,19,37,755		3,37,72,656		1,66,89,944		32,14,002	11,83,74,412	

3b. Covid 19 vaccination - Total Coverage (12-14 years) as on 30-11-2022

Dose	12-14 years Target - 21,21,000	%
1 st Dose	20,06,910	94.62
2 nd Dose	16,53,239	77.95
Total	36,60,149	

3c. Covid 19 vaccination - Total Coverage (15-17 years) as on 30-11-2022

Dose	15-17 years Target - 33,46,000	%
1 st Dose	30,56,415	91.35
2 nd Dose	26,06,081	77.89
Total	56,62,496	

4. Covid 19 vaccination –Precautionary dose coverage as on 30-11-2022 (Government CVC)

Category	Target	On date	Upto date	%
HCW	5,44,192	9	2,06,597	37.96
FLW	8,82,515	4	3,68,925	41.80
18-59 years	3,90,25,988	1,616	60,58,224	15.52
Above 60 years	71,39,908	240	24,79,943	34.73
Total	4,75,92,603	1,869	91,13,689	

5. Covid 19 vaccination - Coverage (OtherCategory) as on 30-11-2022 (Government CVC)

Category	Vaccinated
AN Mothers	6,56,501
Lactating Mothers	5,19,421
Differently Abled Person	3,83,891
Homeless Persons	2,888
Mentally ill persons	1,839

6. Covid Vaccine committed and received details

Vaccine type	UptoAugust2022		September2022		October2022		Total
	Committed	Received	Committed	Received	Committed	Received	
Covishield	7,46,66,710	9,13,00,340		14,65,000		1,07,000	9,28,72,340
Covaxin	1,71,35,850	2,13,78,180		5,00,000		0	2,18,78,180
CorBEvax	21,60,000	40,50,200		5,00,000		0	45,50,200
Total	9,39,62,560	11,67,28,720	0	24,65,000	0	1,07,000	11,93,00,720

Covid vaccine received through TNMSC total – 30,18,110 (Covishield -24,62,350 andCovaxin– 4,55,760)

7. Covid 19 vaccination Performance (Government CVC)

Period	Total Vaccine Received	Per day Average	Total Vaccinated	Net Wastage - No. of Doses	Wastage in %
From January 16, 2021 to May 7, 2021 (103 days)	74,60,720	61,441	63,28,408	4,34,838	6%
From May 8, 2021 to November 30, 2022 (567 days)	11,18,40,000	2,08,386	11,81,54,648	-686,638	-0.70%

* Based on Vaccine Utilisation Report upto 23-05-2022

8. COVID 19 Vaccination - 2nd dose due beneficiaries both Over Due alert and Over Due report as per Co-WIN Portal as on 30-11-2022

S.No	Name of the Vaccine	Second dose due beneficiaries
1	Covishield	63,84,644
2	Covaxin	17,10,959
3	CorBEvax	4,60,904
	Total	85,56,507

9. Covid 19 vaccination - DPH, DMS, DME & Private - 7 days coverage and total coverage as on 31-03-2022

S.No.	Institutions	Vaccination performance of Proceeding 7 days	%	Total coverage	%
1.	DPH & PM	7,80,919	95.30	9,12,33,108	91.55
2.	DM & RHS	17,421	2.13	31,90,408	3.20
3.	DME	13,886	1.69	22,49,511	2.26
4.	Private Coverage	7,205	0.88	30,82,166	2.99
Total		8,19,431		9,96,55,191	

10. 100% Vaccination details of Village Panchayath and Municipalities as on 30-11-2022

S.No.	Details	Total No.	No of VillagePanchayat/Municipalities achieved100% Vaccination (at least 1 dose)	%
1.	Village Panchayat	12,585	5109	40.60
2.	Municipalities	121	46	38.02