Access to COVID-19 Health and Scientific Data
ICMR Testing Data

- ICMR hosts the data entry portal of COVID-19 testing only
- MoHFW captures hospital capacity, clinical or mortality related information
- All ICMR testing data is accessible to NIC, MoH&FW, NCDC, NDMA, PMO, State Govts
- ICMR data are linked with limited personal identifiers of patients
- In the interest of patient confidentiality, anonymized data access is used
- Request for data access is reviewed through a well laid out and systematic process
Data Entry Portal of ICMR / Govt. of India

APIs shared with:
- Ministry of Health
- National Centre for Disease Control
- National Information Center
- State Governments
- Diagnostic laboratory chains
- National Disaster Management Authority
- Prime Minister Office

Used for
Disease trend analysis; Policy making; Resource planning, Clinical decision making etc.
ICMR Data Sharing Principles & Practices

Context – PANDEMIC

- Responsible data sharing
- Associated Safety and Security Concerns
- Misinterpretation of data and potential damage
Process: Research Data access requests (In public domain)

- **ICMR Data Sharing Committee**
  - Chaired by Sr DDG (Admin), ICMR
  - Independent experts:
    - Dr RM Pandey, Statistician, AIIMS, Delhi
    - Dr Arti Kapil, Microbiologist, AIIMS, Delhi
    - Dr Kolin Paul, Data specialist, IIT, Delhi
    - Dr. M Vishnu Vardhan Rao, Director, ICMR-NIMS
    - Dr Arvind Pandey, Consultant, ICMR
    - Dr Harpreet Singh, Member Secretary, ICMR

- **Empowered Group – 09**
  - (MHA constituted)
  - Chaired by Secretary- MeitY and Secretary-Telecom
  - Reviews requests and takes decision on data sharing
Types of Data Generated by ICMR

- Raw data (SARS-CoV-2 testing portal)
- Raw data (National COVID-19 clinical registry)
- Synthesized data
  - Contribution to INSACOG
  - For public health cause (reinfection) (Epidemiology and Infection, 2021)
  - Chemoprophylaxis by HCQ for HCWs leading to guideline
  - WHO bulletin on scaled up countrywide testing network
  - Collaboration with multiple academic and research institutions
  - Funding for decentralised data generation for state level action