The National Center for Advancing Translational Sciences (NCATS) and the National Center for Data to Health (CD2H), in partnership with experts from Observational Health Data Sciences and Informatics (OHDSI), PCORnet, the Accrual to Clinical Trials (ACT) network, and TriNetX, announce the launch of the National COVID Cohort Collaborative (N3C) Data Enclave. The N3C aims to aggregate, harmonize, and make accessible vast amounts of clinical data nationwide to accelerate COVID-19 research and clinical care. With the uncertainty of the COVID-19 global pandemic, the scientific community and the Clinical and Translational Science Awards (CTSA) Program created the N3C as a partnership to overcome technical, regulatory, policy, and governance barriers to harmonizing and sharing individual-level clinical data.

The N3C Data Enclave supports collaborative analytics across a broad range of clinical and translational domains, such as acute kidney injury, diabetes, pregnancy, cancer, immunosuppression, social determinants of health, and many other conditions to target treatment mechanism, drug discovery, and best care practices for COVID-19. Currently, the Enclave contains 304,000 persons and 25,905 COVID-19 cases documented from 11,000 visits, with these numbers growing rapidly given the 57 clinical centers that have now signed regulatory agreements to submit their data.

The N3C was launched in just a few short months and is a testament to the dedication of the community to fight the pandemic. Attribution for collaborative efforts is key to N3C’s philosophy of supporting rapid, robust, and reproducible results and is carried out through the Enclave’s graph-based tracking and reporting method. The first manuscript that covers the methods for building the Enclave: The National COVD Cohort Collaborative (N3C): Rationale, Design, Infrastructure, and Deployment is currently in press at JAMIA with almost 200 authors.

Please join the N3C and help save lives by collaborating with a diverse group of clinicians, researchers, and data scientists to identify treatments and specialized care needs, and reduce the immediate and long-term impacts of COVID-19. Register for and access the N3C Data Enclave here. For more information, please view the National COVID Cohort Collaborative (N3C) website and the National Center for Advancing Translational Sciences (NCATS) N3C webpage.