It's time to build pandemic-ready IT systems

PRIME aims to improve data quality and information technology systems for COVID-19 and beyond

WHAT IS PRIME?

COVID-19 has highlighted the need for timely, accurate, and automated data that can be used for public health action and emergency response. The **Pandemic-Ready Interoperability Modernization Effort (PRIME)** is a new multi-year collaboration between CDC and the U.S. Digital Service (USDS) to strengthen data quality and information technology systems in state and local health departments.

HOW WILL PRIME HELP PUBLIC HEALTH DEPARTMENTS?

- **Saves time** by automating manual processes
- **Streamlines reporting** between healthcare and public health
- **Enhances the use of data** for critical policy and emergency decisions
- **Increases readiness** for additional waves of COVID-19 and all future public health threats

PRIME includes three interrelated projects:

Data Automation

Reduces the burden on hospitals, hospital labs, and acute care facilities to ensure timely and accurate reporting of COVID-19 data to public health, state, and federal partners

- Creates new connections and streamlines existing data flows from hospitals and outside laboratories through electronic lab reporting that uses modern data standards
- Supports hospitals and clinics in reporting daily aggregate data and exchanging electronic case reports and clinical data with public health departments

SimpleReport

Improves reporting from settings where COVID-19 rapid testing is carried out, specifically focusing on sites who have not reported to public health in the past

- A free, easy to use web app that remembers required patient information, guides the testing workflow, records results of a point-of-care test, and routes data to public health
- Allows any testing provider, such as a school, jail, assisted living facility, or employer to send high quality, structured data to public health

ReportStream

Provides a modern, cloud-based data routing and cleaning for health departments to receive, process, and share data across jurisdictions

- Receives data from senders, including apps like SimpleReport, devices, labs, and hospitals in an open-source approach to facilitate fast, high-quality data reporting
- Allows public health departments to receive multiple types of structured data from many different facilities in a format that is easily usable from a streamlined single connection

If you'd like to participate in one of the PRIME projects, please contact usds@cdc.gov or SimpleReport.gov.