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 in the workflow
- **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 pilots:

PRIME 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

- Streamlines the data flow from hospitals and outside laboratories through electronic lab reporting that uses modern data standards
- Supports hospitals and clinics in exchanging electronic case reports and clinical data with public health departments

PRIME Data Hub

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

- Brings together data from the Data Automation and Data Input pilots using an open-source approach to facilitate fast, high-quality data reporting
- Allows public health departments to receive data as-is to handle reporting to a wide variety of facilities and to use this data for a wide range of activities

PRIME Data Input

Improves reporting from non-traditional healthcare settings where COVID-19 testing is carried out, specifically starting with point-of-care test results

- A mobile-first app easily collects required patient information, records results of a point-of-care test, and routes data to public health
- Allows providers who do not have traditional healthcare IT systems to send high quality, structured data to public health

If you'd like to participate in one of the PRIME pilots, please contact usds@cdc.gov for more information.