



NEHII Launches COVID-19 Alerts and Reporting Program

The Nebraska Health Information Initiative (NEHII) teamed with six national health information technology companies to launch a COVID-19 Alerts and Reporting program to help the Nebraska Department of Health and Human Services, healthcare organizations and medical professionals identify and prioritize patients at higher risk of contracting severe forms of the COVID-19 respiratory disease. The program also finds and tracks healthcare facility and ICU bed utilization across the U.S.

To develop a real-time solution for existing data sharing participants, NEHII worked with [InterSystems](#) (NEHII's future HIE platform partner) and [Optum](#) (their existing HIE platform partner) to create a real-time data feed into their data warehouse. Additionally, a rapid onboarding process for new data sharing participants has been developed to connect directly to InterSystems. Real-time alerting is accomplished through InterSystems and Secure Exchange Solutions. InterSystems passes the ADT information to [SES Notify](#) for real-time notification.

The real-time laboratory reporting from commercial laboratories and public health laboratories is accelerated with NEHII partner, [4medica](#), to normalize, codify and match to the right patient identity. The validated data is then passed to NEHII's data warehouse. NEHII's adoption of enterprise master patient indexing with partner [NextGate](#) allows for precision patient matching across all data sources.

NEHII's analytics partner, [KPI Ninja](#), is the convergence of all the data to respond, analyze and share with the appropriate front-line providers, public health agencies and patients for COVID-19. As a result, this program puts real-time information in the hands of first responders, hospitals, health systems, medical practices, ACOs and public health agencies that need the data insights to make informed decisions mobilizing people and facilities to care for the growing number of cases in the state. "The COVID-19 Lab Alerts and Reporting Solution augments our HIE to report accurate, knowledge-based data that informs life-saving decisions and community emergency prevention efforts at a time of unprecedented need," said Jaime Bland, NEHII CEO.

More information on this innovative program is available [here](#).

