



## Reporting Intelligence System for Emergencies (RISE)<sup>TM</sup>

### Overview

Health Current is pleased to introduce Reporting Intelligence System for Emergencies (RISE), a new service designed to support the healthcare community with enhanced public health reporting during times of crisis. RISE supports the Arizona Department of Health Services (ADHS) by **improving the timeliness, accuracy, and completeness** of hospital reporting of key healthcare data needed during an emergency, such as a pandemic. The service is also designed to **reduce hospital and health system burden** related to state and federal reporting requirements by using the Arizona health information exchange (HIE) as a data intermediary.



### Background

Hospitals are required by the Federal Government and Arizona Executive Order 2020-48 to report specific facility-level information daily, such as staff and supply resources, bed capacity, surge planning, and clinical details on COVID-19 patients. The importance of the federal data reporting requirements was recently reinforced when the Department of Health and Human Services (HHS) issued an interim final rule that requires COVID-19 federal reporting as a Medicare Condition of Participation, including significant monetary penalties for non-compliance.

Funding for the implementation of this new service is provided by a cooperative agreement with the Office of the National Coordinator for Health Information Technology (ONC). Through the Strengthening the Technical Advancement & Readiness of Public Health via Health Information Exchange Program (the STAR HIE Program), the ONC seeks to strengthen and accelerate innovative uses of health information via HIEs within states, communities, and regions to support public health agencies' abilities to advance data-driven prevention of, response to, and recovery from public health events, including disasters and pandemics such as COVID-19.

### Work Plan

The work plan for this project will consist of a four-phased approach that is iterative (phases will overlap). Phase 1 completes the data mapping for all required data elements. Phase 2 establishes the initial data feed and interface to ADHS' tracking system, EMResource, based on data elements already included in the HIE data. Phase 3 expands the data by connecting to other hospital systems. Phase 4 repeats Phases 2 and 3 for additional hospitals.

The proposed project intends to expand current connectivity between hospitals and Health Current, creating a comprehensive and robust HIE public health connectivity initiative.

The following represent some of the data sets included in this 2-year project initiative:

- Hospital information
- Bed availability
- Ventilator capacity and availability
- Hospitalized and ventilated COVID-19 patients
- Number of inpatient COVID-19 positive or suspected positive patients
- COVID-19 mortality
- COVID-19 positive admissions per day
- Personal Protective Equipment (PPE) availability

Through collaboration with the Arizona Hospital and Healthcare Association (AzHHA), a process will be developed to select up to four (4) hospitals and health systems for the implementation, including two metropolitan hospitals and two rural hospitals, with at least one tribal hospital included. After the first four hospitals go-live, the project will be expanded, and at minimum, four additional hospitals and health systems will be selected and implemented. If resources and time permits, additional expansion to other hospitals will commence.

**Benefits of participating in this project include:**

- Reduce hospital burden of manually reporting.
- Improve timeliness, accuracy, and completeness of reporting.
- Demonstrate the value of using HIE as an intermediary to report to both state and federal tracking systems.
- Participate in improving public health response to emergency events which will allow the optimization of delivery of high-quality healthcare to all Arizona residents, regardless of residence, race or ethnicity, age, or income level.

**If you are interested in participating, these are some of the expectations:**

- Must have current interfaces with HIE sending real-time ADT and lab data.
- Must have commitment and involvement of EHR vendor, to complete necessary data mapping and standardization according to ADHS specifications.
- Must commit to building additional interfaces for sending non-clinical data to HIE, such as staffing, medical equipment, PPE, etc.
- Must participate in weekly project status calls with Health Current.
- Must contribute to monthly project status updates that are required for project reporting.
- Must commit resources for entire project period, which is anticipated to not exceed 12 months.

**Financial support may be available. Health Current is looking into other funding sources to provide financial support for participating hospitals. More information will be shared once available.**

**Contact Us**

For additional information on how your facility can participate in the RISE project, contact: Peter Steinken, Director of Community Engagement, at (602) 464-9641 or [peter.steinken@healthcurrent.org](mailto:peter.steinken@healthcurrent.org).