

HealthInfoNet Demonstration Phase Overview

07-30-08

I. Status of HealthInfoNet Project

1. Project Updates
 - Completed first two years of operation in December 2007
 - Raised \$4.2 million of projected \$6.5 million needed to complete twenty-four month demonstration phase
 - Contract executed with primary technical systems vendor, 3M Health Systems in January , 2008
 - In May, 2008 State Stakeholder Study Group begins deliberation of benefits and public good funding options for health information exchange and EMR investment in accordance with Legislative Resolve arising out of LD 1797.
 - Twenty-four month demonstration phase kicked off on February 21, 2008
2. Overview of 24 Month Demonstration Phase
 - Participating Organizations
 - Central Maine Healthcare
 - Eastern Maine Healthcare Systems
 - Franklin Memorial Hospital
 - Maine CDC
 - MaineGeneral Health
 - MaineHealth
 - Martins Point Health Care
 - Demonstration Phase Scope of Participation
 - Includes 51% of annual hospital discharges in Maine
 - Includes 50% of annual ED visits in Maine
 - Includes approximately 42% of annual ambulatory visits in Maine
 - Licenses to support up to 2,000 clinical users
 - Data Set to Be Managed Through Exchange
 - Person Identification (name, date of birth, sex)
 - Lab Test Results
 - Radiology/Imaging Study Reports
 - Transcribed Reports for Diagnostic Studies
 - Prescription Medication Profile/History
 - Allergies/Adverse Outcomes
 - Visit History
 - Diagnosis
 - Demonstration Phase Goals
 - Test implementation methodologies and demonstrate technical feasibility of delivering a statewide health information exchange.
 - Validate the usability and integration of a statewide health information exchange in to the clinical workflow of providers working in hospital and office practice electronic medical record (EMR) settings.

- Demonstrate initial impact of a statewide health information exchange on health delivery cost, patient safety and quality.
- Verify core points of value by target customer segments to support the development of a sustainable business strategy for a statewide health information exchange.
- Validate consumer participation election process.
- Demonstration Phase Deliverables
 - Development and maintenance of a statewide master person index
 - Standardization of a defined set of clinical content generated by all participating organizations
 - Access to a secure Internet Portal presentation of the statewide, person-centric, clinical summary of discrete clinical content aggregated in the HealthInfoNet Clinical Data Repository (CDR)
 - Parameter-Based Launch functionality that will support “one click” transition in patient context between the participating organization’s electronic medical record or electronic health record system and the HealthInfoNet secure, clinical summary portal
 - Automation of laboratory reporting to Maine CDC for State mandated disease reporting

II. HealthInfoNet Cost, Quality and Safety Objectives

1. Enhanced continuity of care between organizationally unaligned providers
 - Example: infrastructure for patient centered medical home model
2. Improved patient safety
 - Example: reduced ambulatory prescription adverse drug events
3. Moderation in the growth of medical care cost
 - Example: reduced incidence of duplicate test ordering in the ED
4. Strengthen Maine’s Public Health Information Infrastructure
 - Example: automate mandated disease lab result reporting
5. Consumer empowerment
 - Example: direct engagement of consumers in reviewing their aggregated clinical information for accuracy
6. Safety net enhancement
 - Example: virtual electronic health record for uninsured and under served