

Colorado Health Information Technology Overview - Electronic Health Records and Public Health Settings

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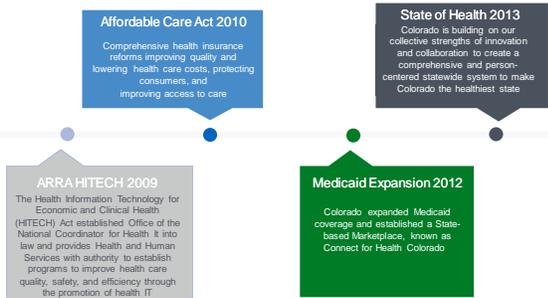


Topics

- Overview of Health IT in Colorado
- Health and Health IT timeline
- Overview of LPHA EHR initiative
- Discussion and Input
- Path to EHR
- Timeline
- Next steps



History - Health and HIT Policy

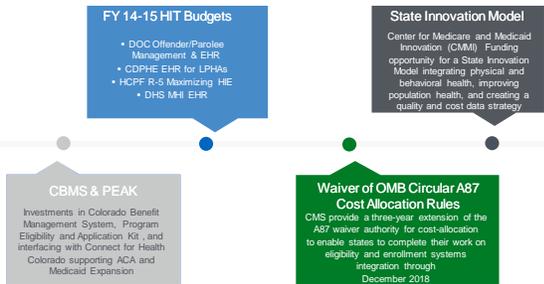


Overview Health Information Technology in Public Health

- For decades, public health agencies and research institutions have been utilizing information technology (IT) to facilitate data management activities (data gathering, analysis, reporting, etc.).
- Public health information systems are created to support specific needs of disease-specific program areas within health departments
- These systems deploy various software products that are often custom-made and are not interoperable.
- Many of these systems contain redundant data; however, the varying data formats and standards preclude data integration across systems for public health decision support and research.
- These systems lack the ability to provide real-time data back to providers for care coordination and disease prevention.



History - Health and HIT Investments



Overview EHR for LPHAs

FY 14-15 CDPHE secured funding for electronic health record (EHR) for Local Public Health Agency use

Opportunities

- Standardized, electronic care delivery data capture
- Direct reporting to the state public health
- Electronic ordering (labs, eRx)
- Analytics of population
- Immunizations documentation
- Documentation of population
- Communications with patients - test results, follow up
- Appointments



Path to EHR



Communication

- Key stakeholder input
 - Stakeholder meetings
 - Survey
- Communication to Directors
- Leverage program avenues for additional pathway
- Ongoing communication to keep LPHAs informed

Discussion

Interested?

- LPHA with no EHR
- LPHA need replacement EHR
- LPHA no EHR need
- LPHA connected to hospital, community health centers, and/or school based clinics

- Differing types of services provided
 - Clinical care for individual clients
 - Regional population information
 - Care coordination

Programs

- Family Planning
- HIV/STI screening
- Breast/Cervical Cancer screening referral
- Adult and child immunizations
- MCH: Health Care Program for Children with Special Needs, Child Health, Perinatal Health
- Nurse Family Partnership (align with other state programs) - will require mobile access
- Other community specific programs
- Communicable diseases (needs reporting to CEDRS)
- TB registry
- MH/BH - access to psychotropic drugs
 - May be opportunity for shared formulary and collective purchasing

Requirements (draft as of 01252015)

- 2015 Certified EHR Technology
- Need to determine if any LPHAs may be eligible for MU
- Connect with Tracy McDonald during stakeholder engagement process
- Must ensure EHR is available for care management, clinical decision support, operations management and communication, clinical support, measurement, analysis, reports, administrative and financial.
- Ordering/resulting interfaces (Lab, Rad, ePrescribing) (less priority than direct reporting to state registries)
- Direct reporting to state public health registries (priorities)
 - Immunizations (CIIS) (1)
 - CEDRS
 - iCare (req'd for Title X, family planning)
 - WIC (and other benefit eligibility programs)
 - Women's Wellness Connection
 - Breast/Cervical Cancer Screening
 - Option 1 - direct reporting interface, SFTP to registries
 - Option 2 - replace/supplement registries with EHR capture



Requirements (continued)

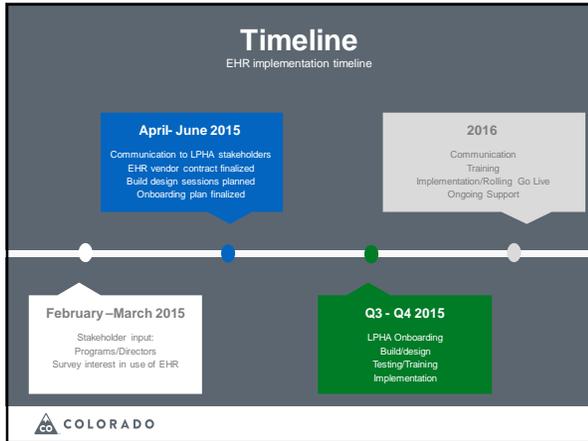
- Integration
 - Communication with other providers (eConsult)
 - Access to Community Health Record for longitudinal health view
 - HIE
 - Link to other LPHA systems (e.g. accounting) (less priority than reporting to state to reduce dual entry)
- Scheduling, billing
- Population health analytics (need access to regional data)
- Screenings
 - Developmental
 - HIV/STD
- Nurse Family Partnership
- MCH: Health Care Program for Children with Special Needs, Child Health, Perinatal Health
- Must have some flexibility for configuration, but benefit to single platform includes standardized data capture (reemphasized)



Requirements (continued)

- **Technical infrastructure** - Application Service Provider (ASP hosting) -
With a hosted solution, the vendor handles all the technical details and deliver the applications, services, and support
- **Operational Support**
 - Testing
 - Training
 - Implementation
 - Maintenance/Operations
 - Help desk





Next steps

Currently planning

- Identify technical/training resources
- Determine subscription fees? Per user license fee?
- Develop User groups to help improve usage

Survey

- Primary LPHA Contacts
- Interest
- Programs
- Priorities

Communication how to sign up

Questions

- Kate Kiefert, kate.kiefert@state.co.us
- Chris Wells, chris.wells@state.co.us
- Jean Billingsley, jean.billingsley@state.co.us
- Subject Line: LPHA EHR

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