Health Information Exchange and Telehealth: Opportunities for Integration

Broadband Telemedicine Summit
May 20, 2013

Laura Zaremba, Director
Governor’s Office of Health Information Technology
Illinois’ Health Care Policy Challenges

- High rate of growth in health care expenditures
- Highly-fragmented, uncoordinated care
- Poor quality and health outcomes
- Population health disparities
- Lack of actionable data available at point of care
- Lack of sufficient data for public health officials
Key Drivers of ILHIE Implementation

• Governor Quinn’s health care transformation agenda
  – Medicaid care coordination, quality improvement
  – Support for community based care

• State law creating a statewide HIE network

• Federal HITECH Act
  – EHR incentives for physicians and hospitals
  – HIE infrastructure funding
  – Broadband funding

• Affordable Care Act Implementation
To Many, HIE Still Means....
What do we mean by EHR and HIE?

- Electronic Health Record (EHR) – a real-time electronic record of health-related information for an individual that conforms to nationally recognized interoperability standards, and can be managed and consulted by authorized clinicians across multiple health care organizations.

- Health Information Exchange (HIE) – the electronic movement of health information among organizations according to nationally recognized standards.
Goals of the Illinois Health Information Exchange

- Improve health care quality and outcomes
- Control the cost of health care and enhance value for patients and payers
- Maximize federal health information technology funding to Illinois and its health care providers
- Enhance public health and disease surveillance; reduce disparities
Who Benefits?

- **Patients**: facilitates more coordinated care, better outcomes, patient access and involvement
- **Providers**: allows secure sharing of vital information at the point of care
- **Payers**: reduces costly medical errors, duplicative procedures and treatments and ineffective, uncoordinated care
Infrastructure for Health Care Reform

- Better Care, Health, & Cost
- Care Coordination
- Information Sharing
- ILHIE Network
What is the “Illinois Health Information Exchange (ILHIE)?”

- The statewide health information exchange network created by statute in 2010
- Core services and standards operated and governed by the Illinois HIE Authority
- A hub for secure communications and message routing to ensure connectivity among local and enterprise HIEs
- Means of electronic exchange with State health information technology systems
What does ILHIE offer?

- **ILHIE Direct, Secure messaging**
- **Statewide Directories/Registries**
  - Master Patient (Person) Index (MPI)
  - Provider Directory
  - Public Health Node
- **Medical Record Aggregation**
  - Acquires all patient records available via ILHIE
- **Privacy, security & consent services**
- **Platform for service extensions**
  - Opportunities for entrepreneurs
Integration of Telehealth and HIE

- HIEs that provide query-based access to vital patient records at the point of care can support telehealth
- Secure clinical messaging allows information and documents to be transmitted to any user on the network
- Innovative use cases are in early stages of development
- Great potential for future synergies and alignment of technology and clinical workflows
Challenges and Opportunities

- Rapidly evolving landscape
- High demand, low-supply of technical resources
- Competition within health care organizations for resources to support health information technology and telehealth
- Both are still relatively early on the adoption curve
- Potential for patient engagement
More Information

• Visit our website
  – www.ilhie.org

• Join our listserv