

AzHeC 2008 Summit

Panel:

Health Information Exchange
Across the US

Indiana HIE

Wisconsin HIE

CareEnTrust



Health Information Exchange Across the US

- Agenda
 - Definitions
 - RHIO activity around the country
 - Successes and failures
 - Resources
 - Q&A

RHIO vs. HIE

- *Regional Health Information Organization*
 - An organization that brings together people within an area and *governs the secure exchange* of health-related information to improve health and care
- *Health Information Exchange*
 - Secured, electronic movement of health-related information among organizations according to agreed upon standards, protocols and other criteria

What is an NHIN?



A cute furry animal found on *Relva VII* (for you Trekkies)

OR

National Health Information Network

- Interconnected RHIOs and HIEs across the U.S. A key element of HHS' health information technology strategy, the formation of the NHIN will provide the foundation for an interoperable, standards-based network for the secure exchange of health information.



Examples of Types of Data Exchanged

- Continuity of Care information (CCR)
- Episodic individual clinical information
- Medication Records
- Laboratory data
- Health claims data
- Disease Registries (for chronic care management)
- Public health information (e.g., biosurveillance, immunizations)
- Quality information

RHIO Activity Around the Country

- March 20: CDC announced \$38MM funding for 3 public health and bio-surveillance networks (including IHIE)
- March 26: PA created a governance structure for the PHIX
 - Statewide RHIO
 - Manage chronic diseases



Models

*"If you've seen one RHIO, you've
seen one RHIO"*



Models

- Statewide HIEs (NY, IN, MA, DE,)
 - Not to be confused with state government work
- Multisector Public-Private Partnerships (PPP)
- Federated-based models vs. single database
- Proprietary HIEs (those based within IDNs)
- Regional vs. vertical (e.g., Medicaid)
- 75% of states pursuing HIE strategies¹

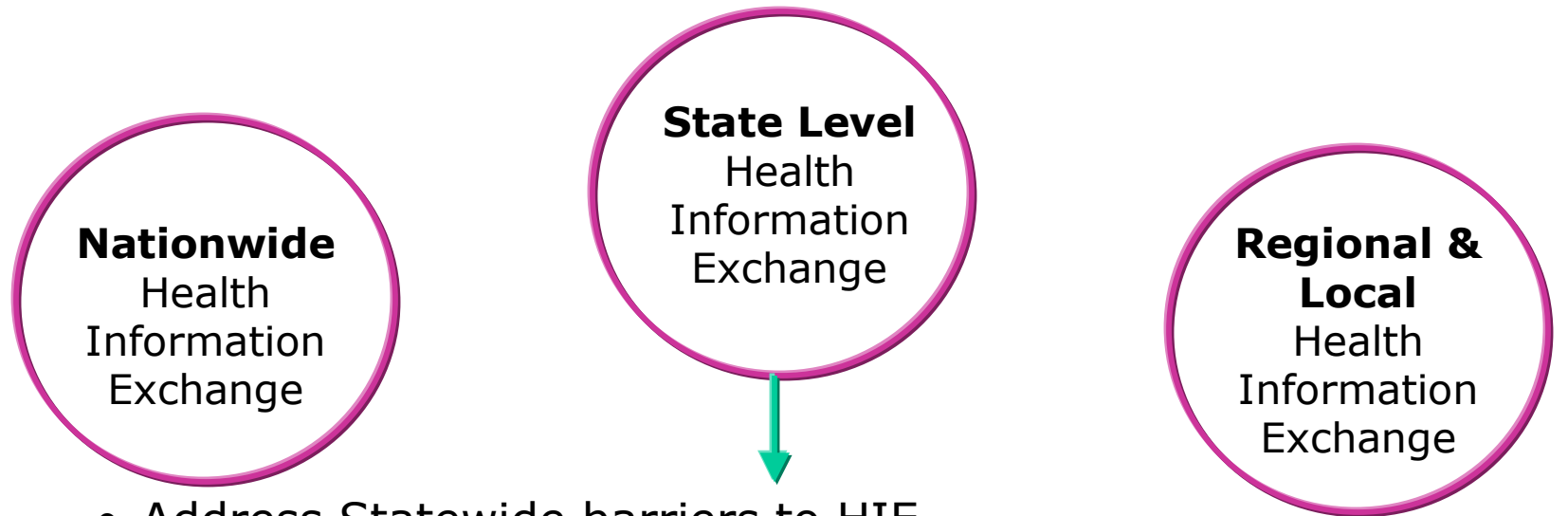
¹*Final Report on State-Level HIE: Governance and Interoperability March 10, 2008*



State Level Involvement is Important

- Some functions must happen at the State level
 - Governance
 - Convening stakeholders
 - Coordinating activities
 - Technical operations responsibility (optional)
 - The Public-Private Partnership is the most appropriate

Relevance of the State Serving as an Organizational Unit for HIE



- Address Statewide barriers to HIE
- Balance the rights and needs of all residents
- Act as a bridge between Nationwide, Regional and Local HIEs
- Serve as a conduit for consensus on and adoption of HIE standards
- Provide sufficient level of data and transactional aggregation
- Align HIE policies and practices with legislative and regulatory policy environment

Successes. . . . and Failures

- Successes include RHIOs in: MA, RI, UT and our panel members
- Failures include:
 - Santa Barbara County Care Data Exchange
 - Northeastern Pennsylvania Regional Health Information Organization
 - Patient Safety Institute, Portland, OR

Lessons Learned

- Need Realistic Expectations
 - Too much, too fast expected from RHIOs & HIEs causes inordinate financial and delivery stress
- Misaligned incentives and expectations
 - Cause stakeholders to lose confidence and ignore/abandon the organization
- ROI is achieved over time
 - The business model should include driving business change and services as part of the ROI

Our Panel

- **Indiana Health Information Exchange**
 - One of the oldest in the U.S., includes clinical messaging, disease management, and a patient data repository
- **Wisconsin Health Information Exchange**
 - Started in 2007 with a focus on interconnecting emergency departments
- **CareEnTrust**
 - Consumer-centric, independent non-profit Community Health Record supported by employers



Resources

- www.himss.org
- www.ahima.org
- www.staterhio.org
- www.chcf.org
- www.ehealthinitiative.org
- <http://aspe.hhs.gov/sp/NHII/>
- <http://www.hhs.gov/healthit/>

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