



Update on Indiana's Preparations for ARRA HITECH Funding



Indiana Is At the Forefront...

- “Thanks to an online registry containing the healthcare records of 1.5 million central Indiana patients, Dr. Schaffer can instantaneously review a patient's medical background.” **U.S. News & World Report 8/1/2005**
- “One big reason the Indiana operation is celebrated nationally is its emphasis on sustainability.” **For the Record Magazine, September 17, 2007**
- “Everyone might not realize it, but Indiana is at the forefront of helping establish standards in health information technology for everyone.” **Susan McAndrew, Deputy Directory of Health Information Privacy at the Office for Civil Rights (Dept of HHS), August, 2009**



Indiana ARRA HITECH Funding Preparation

- Purpose: provide a brief historical overview and update on the activities in Indiana to prepare for two specific funding opportunities under ARRA HITECH:
 1. The State Health Information Exchange Cooperative Agreement Program (SHIE-CAP)
 2. The Health Information Technology (HIT) Extension Program.



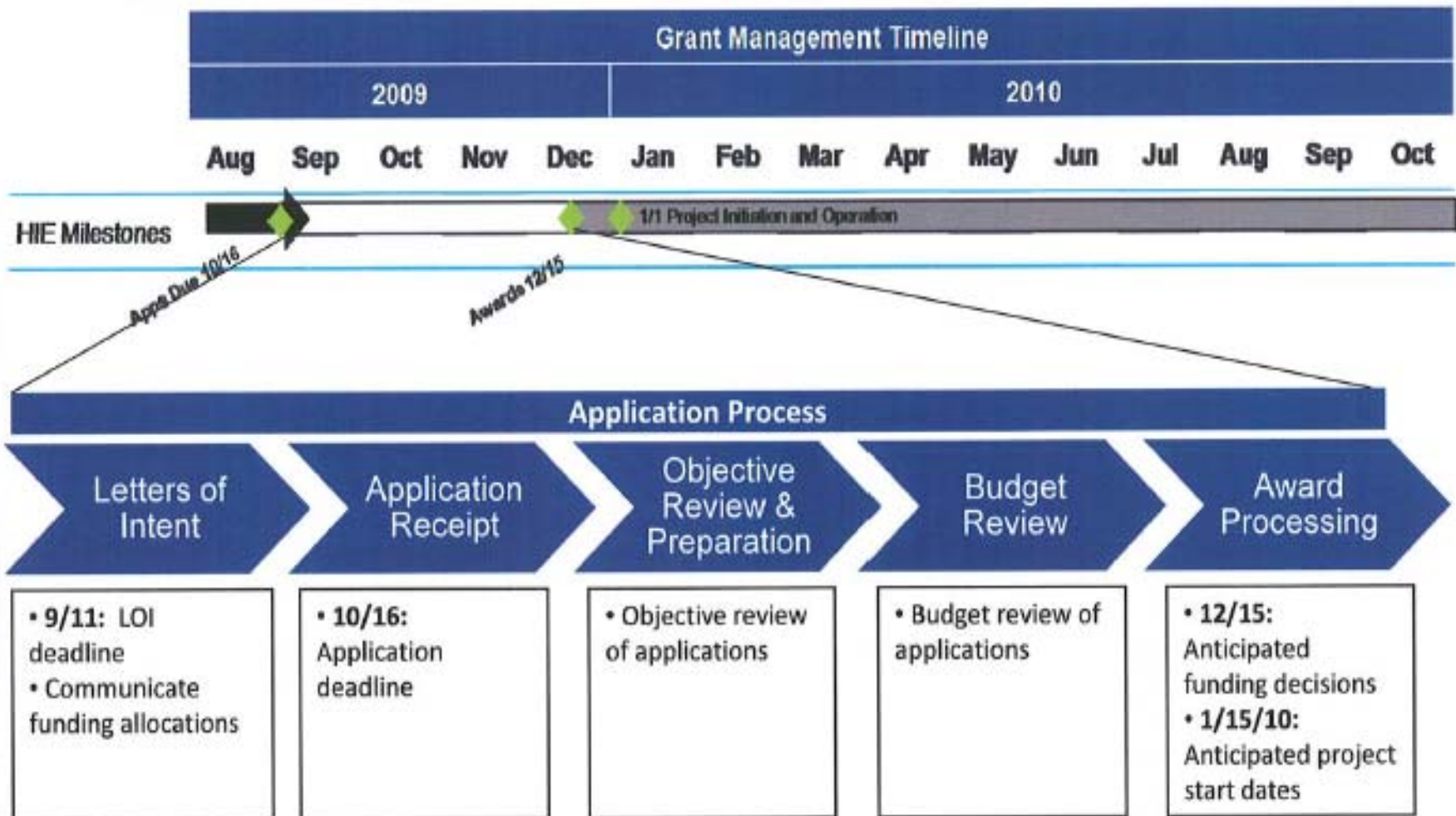
Indiana ARRA HITECH Funding Preparation

- Program Overview: **SHIE-CAP**
 - Purpose: Fund the creation and expansion of HIE infrastructure to give providers a means of meeting “meaningful use”
 - Total program funding (nationwide): \$564 Million
 - Lead organizations : Indiana Health Informatics Corporation (IHIC) and BioCrossroads

- Program Overview: **HIT Extension Program**
 - Purpose: Fund creation of organizations that deliver technical support to small/medium sized physician practices in implementing EMRs and meeting “meaningful use” definition(s)
 - Total program funding (nationwide): \$598 Million
 - Lead organizations in Indiana: Purdue University (Regenstrief Center for Healthcare Engineering)

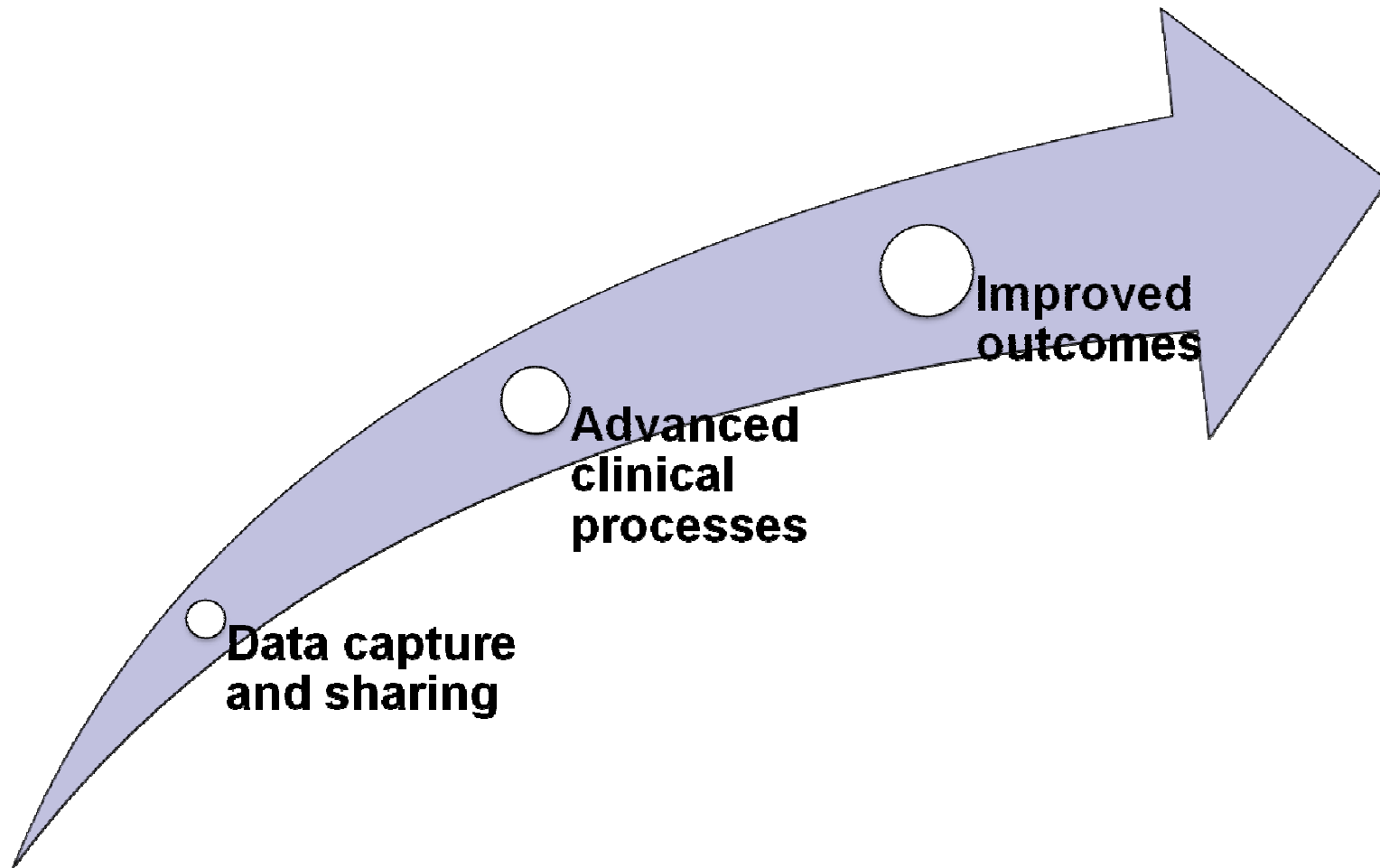
- Designed to be executed prior to 2011 provider incentives to help make “meaningful use” definition(s) achievable
- Other future “funding buckets” are to be announced

HIE Application and Award Process



Bending the Curve Towards Transformed Health

Achieving Meaningful Use of Health Data



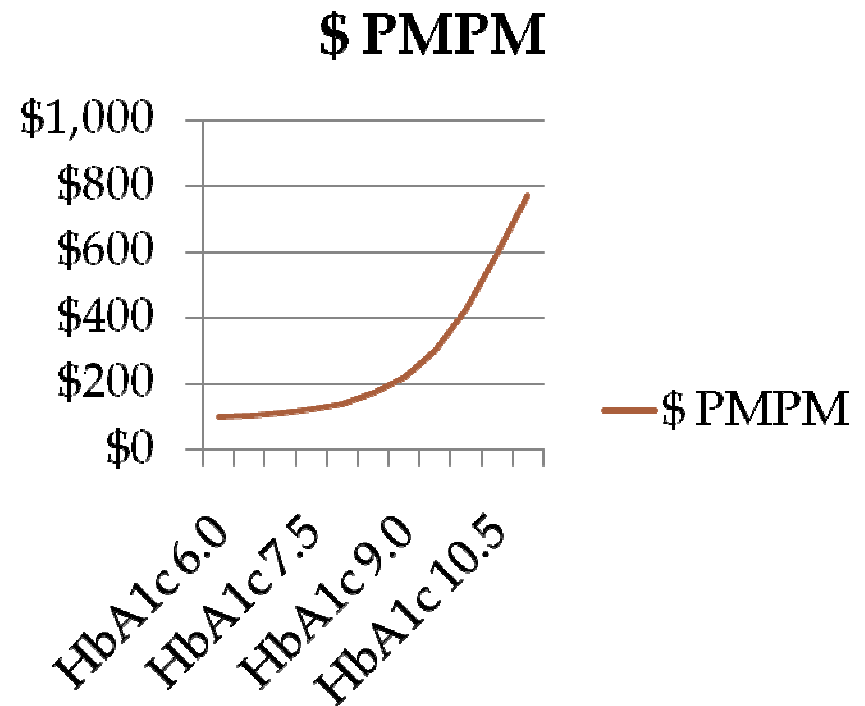


Care Management - Future State

- Care Managers have access to clinical data about the patients
 - Can utilize information for educating patients
 - Can monitor prescription adherence and results
 - Can track a longitudinal patient history to determine if conditions are improving

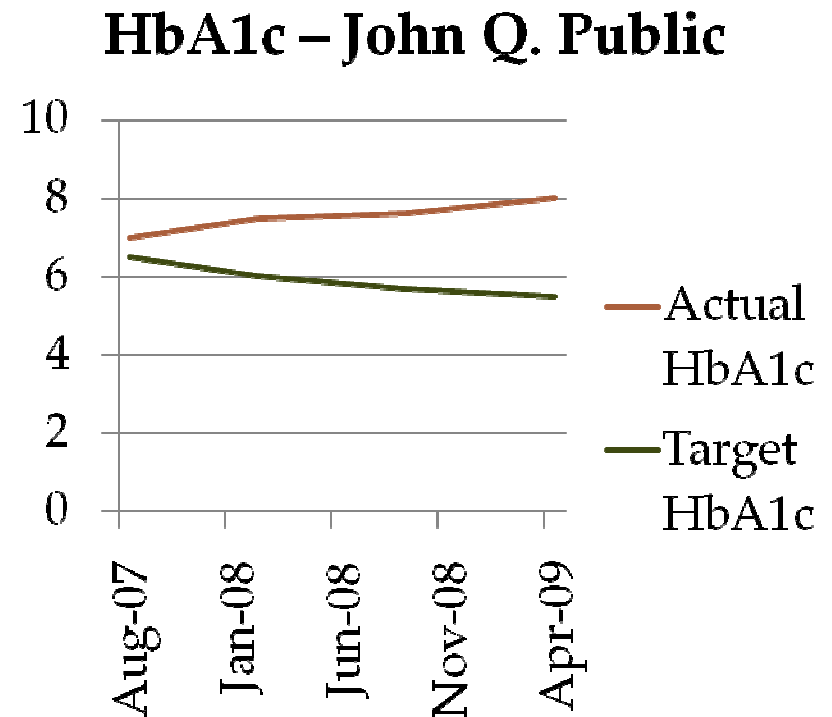
Future State Care Management Example

- Program Analysis indicates significantly higher costs related to individuals with uncontrolled glucose levels
- Care management is designed to support a program focused on managing this trend



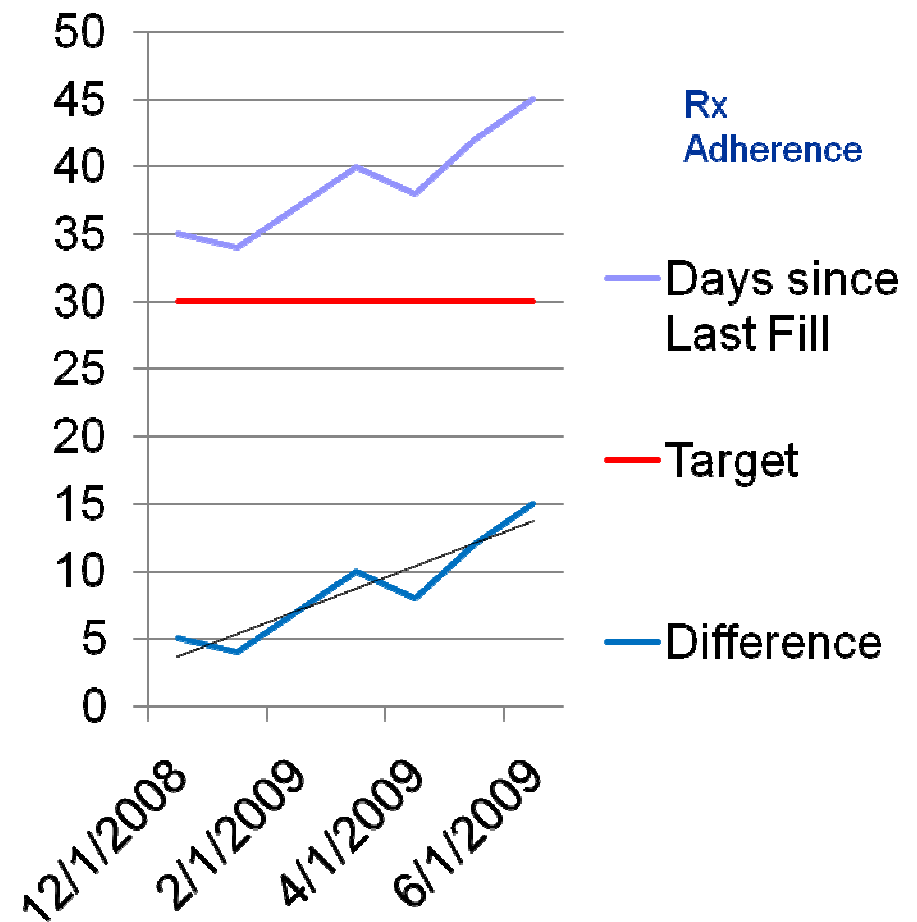
Future State Care Management Example

- CM receives updated HbA1c for John Q. Public
- Accesses history of actual results and target results as discussed with patient.



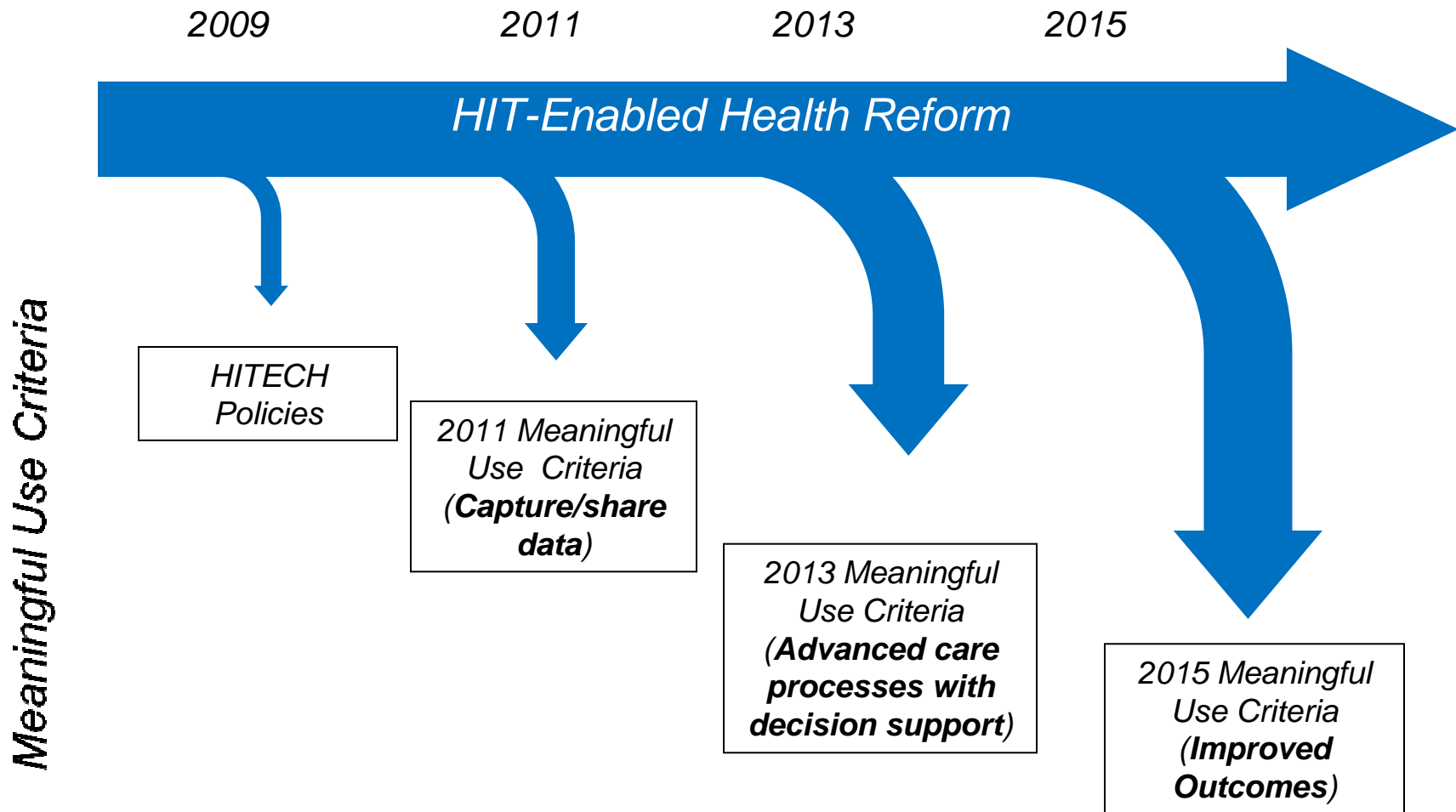
Future State Care Management Example

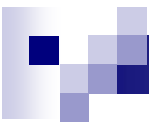
- CM Accesses Rx Adherence
- CM counsels patient on importance of adherence
- CM counsels patient on effects of high glucose levels



HIT-Enabled Health Reform

Achieving Meaningful Use





Indiana ARRA HITECH Funding Preparation

- Historical Overview of Development
 - *Pre-Stimulus (a/k/a pre-ARRA – prior to February 2009)*
 - 2006 State Medical Informatics Commission created
 - 2007 Indiana Health Informatics Corporation (IHIC) created
 - 2008 IHIC planning and release of 4 visions
 - *Between the passage of ARRA and Funding Opportunity Announcements (FOAs) (February 2009 – August 20th, 2009)*
 - Speculation and “preparing the wagons”
 - Purdue, IHIC, and BioCrossroads step forward
 - IHIC Board of Directors and BioCrossroads define 7 initiatives, spread awareness, and hold meetings with State leadership
 - *Since the release of the FOAs (August 20th to present)*
 - Frantic activity
 - As required, Letter of Intent and State Designated Entity letter sent to the Office of the National Coordinator of HIT (ONC)
 - Application writer identified and hired (both applications)
 - SHIE-CAP application writing kick-off meeting held 9/10/09



Indiana ARRA HITECH Funding Preparation

- Next Step(s)
 - Prior to October 16th, 2009, the application(s) and statewide plan will be completed and submitted to the ONC for approval and funding



Origin and Overview of the Indiana Health Informatics Corporation



Origin and Overview of the Indiana Health Informatics Corporation

- What is the Indiana Health Informatics Corporation (IHIC)
- Why Create IHIC
- How Did IHIC Come to Be
- What Has happened So Far
- Future - IHIC's Priorities and Plans



What is IHIC?



What is the Indiana Health Informatics Corporation?

■ IHIC...

- Is a public-private corporation created by the State of Indiana to guide and promote health information exchange (HIE) in our state.
- Was created out of the belief that HIE was in the best interest of Indiana and its citizens in that it supports improvements in the quality, safety, and efficiency of healthcare.
- Was created in 2007 by Senate Bill 551 and will cease to exist in 2015 if not re-chartered.



Why Create IHIC?



State-Level Health Information Exchange

- The role of state government in HIE is a very active topic nationally. While there is no one clear role for state government, doing nothing to promote HIE did not appear to be the right answer.
- While Indiana is unique and fortunate to have a few mature, active HIEs, these are small organizations without governmental support or regulation and are in a business that is very important to Indiana.
- In addition, the needs of Indiana and its citizens are not necessarily in perfect alignment with the HIEs in the state.



Value of a State-Level HIE Governance Entity Reported by Other States

*The jury is still out across the U.S. – can the SL-HIE demonstrate value or are they an un-necessary structure slowing progress?
To date, there is no proven sustainability model for a SL-HIE.*

- The SL-HIE can provide distinct and valuable functions that serve the public good:
 - Ensuring that HIE develops beyond siloed interests to serve all statewide stakeholders and their data needs;
 - Facilitating collaboration, rather than competition, related to data sharing to achieve the public good derived from mobilizing a full range of clinical and other information; and
 - Serving public policy interests and addressing consumer protection concerns by facilitating widespread and effective practices for maintaining the confidentiality of health information.
- The SL-HIE can promote synergy between state and federal HIE agendas and initiatives
 - State-level HIEs can serve as a laboratory for informing, vetting, and advancing AHIC priorities
 - The SL-HIE can participate in a nationwide network



HIE and Economic Development

HIE is a young and emerging business. Service models are just now evolving and being tested across the country. Consideration of HIE as a driver of economic development – beyond keeping its own doors open – is an early concept.

- HIEs as Employers
- HIEs Make the State More Attractive for Investment
- HIEs Attract Federal Funding
- HIEs Aggregate Valuable Healthcare Data



How Does Indiana's HIE Future Stack Up?

- We have HIEs that are exchanging a wide variety of data to significant service areas
- We have both mature and emerging HIEs
- We have National leaders, IHIE and INPC
- We have a sophisticated teaching, research and delivery environment in which to grow
- We have the major stakeholders at the table and actively involved



How Did IHIC Come to Be?



Medical Informatics Commission (MIC)

- Senator Gary Dillon, a physician as well as a state senator, recognized the importance of HIE to our state
- The MIC was created in 2004 through Senate Bill 566
- A 15-member commission ...including several IHIC board members
- Existed until 12/31/06
- Published a final report including:
 - Vision
 - Goals
 - Guiding Principles
 - Recommendations



MIC Vision

Indiana will develop a statewide healthcare information system in which all relevant clinical information about a patient is electronically accessible at the point of care.



MIC Recommendations

- The Commission offered recommendations in 6 categories:
 1. Clinical Information Set
 2. Organizational Structure
 3. Funding for Information Technology Infrastructure
 4. “Pay-for-Value/Quality/Performance” Programs
 5. Privacy & Confidentiality (Four Related Recommendations)
 6. Ownership of Data
- One of the MIC’s recommendations was to create a public-private successor organization
- The remaining MIC recommendations have influenced the early foundational work of IHIC



Senate Bill 551 Created IHIC

One of the MIC's recommendations including the creation of a public-private corporation to be its successor...

■ ARTICLE 31. INDIANA HEALTH INFORMATICS CORPORATION

□ Chapter 1. Purpose

- Sec. 1. (a) It is the intent of the general assembly to ensure and improve the health of the citizens of Indiana by encouraging and facilitating the development of:
 - a statewide system for the electronic exchange of health care information; and
 - other health informatics functions in Indiana.



What's Happened So Far?



IHIC – So Far

- IHIC's board of directors was constituted in the summer of 2007
- First board meeting -- November 2007
- Strategic planning meeting – April 2008



Indiana Health Informatics Corporation (IHIC) Board

- Kent Barth (Chair)
CIO, Indiana Family and Social Services Administration
- Judy Monroe, MD
State Health Commissioner
Indiana State Department of Health
- J. Marc Overhage, MD, PhD
Director of Medical Informatics
Regenstrief Institute, Inc.
CEO, Indiana Health Information Exchange
- Honorable Linda L. Chezem JD
Professor, Purdue University
Adjunct Professor, IU School of Medicine
- Brian Bauer
Chief Financial Officer
Terre Haute Regional Hospital
Hospital Corporation of America (HCA)
- Randy L. Howard, MD, FACP
Regional Vice President & Medical Director
Indiana Health Care Management
Anthem Blue Cross and Blue Shield
- Jim Edlund, MD
Practicing Physician
- Stan Crosley
Chief Privacy Officer
Eli Lilly
- Charles E. Christian*, FCHIME, FHIMSS
Director IS / CIO
Good Samaritan Hospital

** HIMSS National Chairman of the Board*

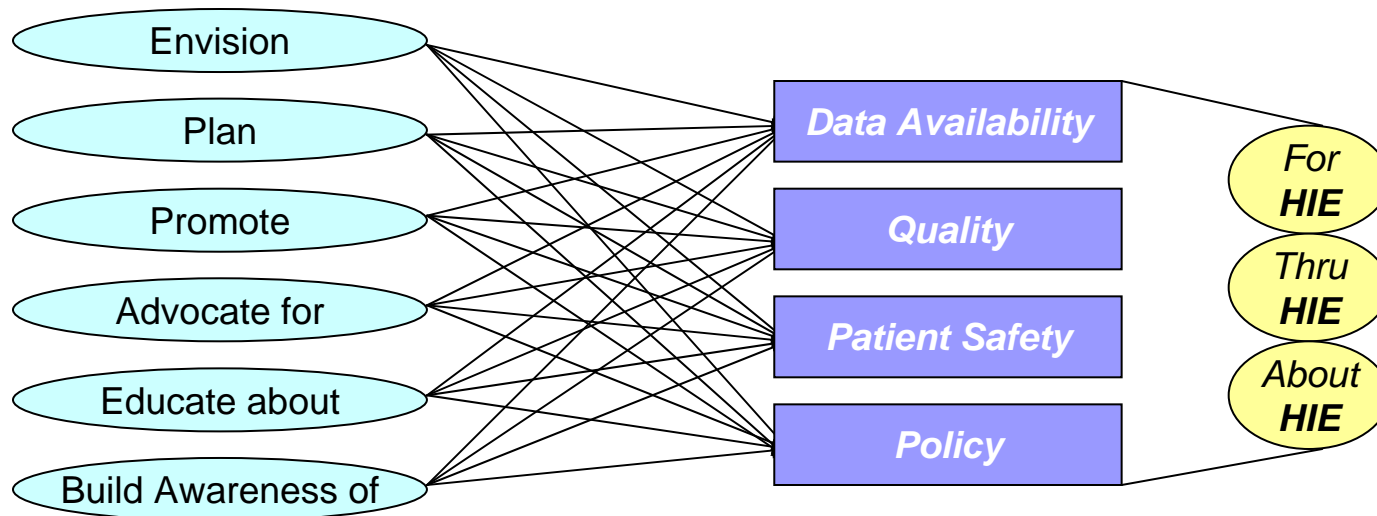
IHIC Roles and Focus Areas

■ Roles

- Envisioner & Planner
- Promoter & Advocate of Indiana HIEs
- Educator & Awareness Builder

■ Focus Areas

- Data Availability
- Quality & Patient Safety
- Policy





Future - IHIC's Priorities and Plans



Future - IHIC's Priorities and Plans

■ **HIE Visions for Indiana**

- Statewide value-based reimbursement program
 - Statewide community Health Record
 - Statewide Medication Profile Availability
- Clinical Information Supporting Statewide Coordination of Care



Questions/Comments