

# HealthLINC

Building Community  
HIE Conference

April 22<sup>nd</sup>, 2011

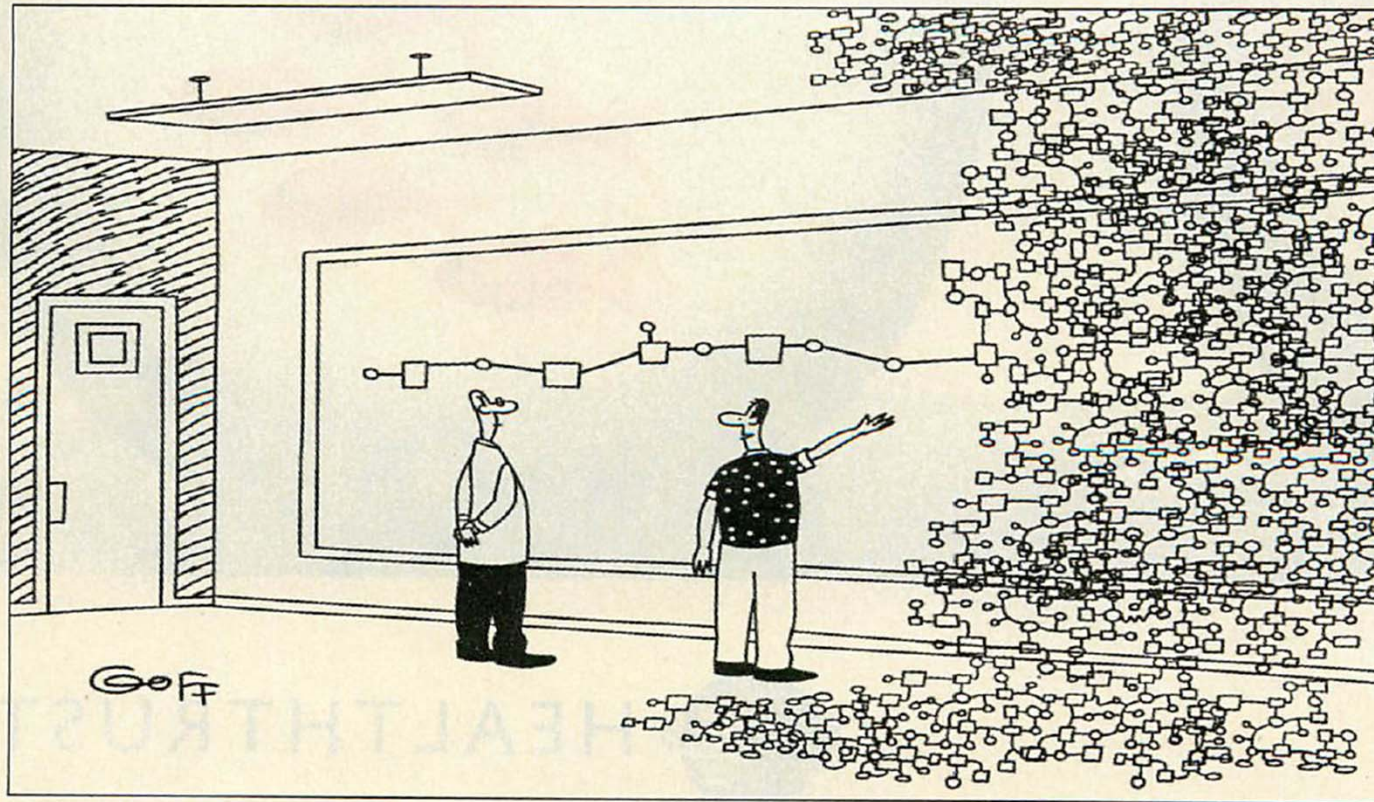




*"We back up the real important patient information on sticky notes because they never crash."*



[ LIGHTER SIDE ]



*"This is where the idea for the new EHR starts getting a little complicated."*



**IHIT**  
INDIANA HEALTH  
INFORMATION  
TECHNOLOGY, INC.

# Alphabet Soup of Healthcare IT

- *ACO*
- *EMR*
- *EHR*
- *PHR*
- *AIU*
- *MU*
- *CHPL*
- *ONC*
- *NHIN*
- *SDE*
- *SHIE-CAP*
- *REC*
- *HIT*
- *HIE*
- *HIS*
- *CDS*
- *HITECH*
- *ARRA*
- *PPACA*
- *ELR*
- *CCD*
- *PCAST*

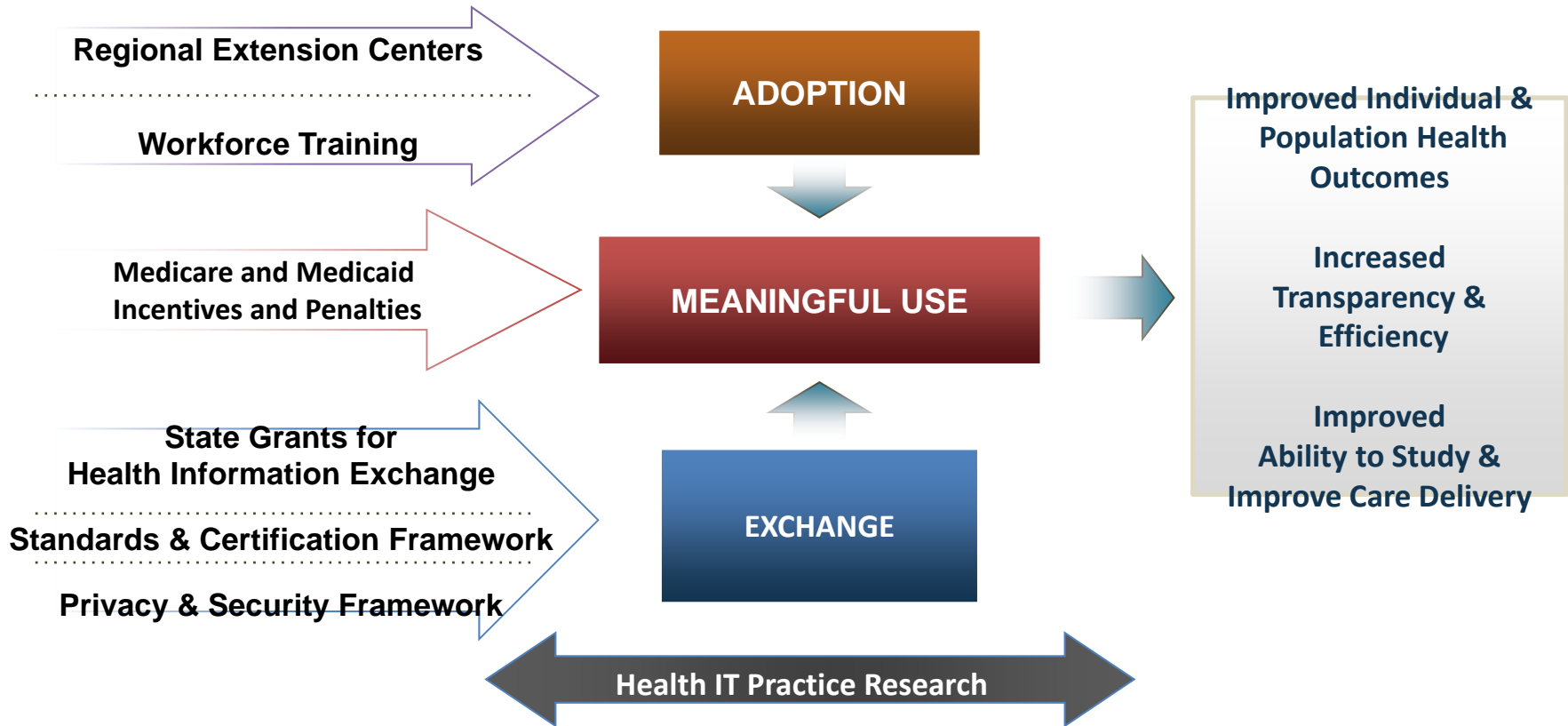


# Shifting Tides of HIM

- *2000's (Policy Driven)*
  - *HIPAA*
  - *RAC's*
  - *PQRI*
  - *Quality Indicators*
- *2010's (Technology Driven)*
  - *Meaningful Use*
  - *ICD-10*
  - *5010*
  - *PHR's*



# HIT Puzzle Pieces



# Indiana HIE Participants

- *Health Information Organizations*
  - *Michiana Health Information Network (MHIN)*
  - *HealthBridge*
  - *HealthLINC*
  - *Med-Web*
  - *Indiana Health Information Exchange (IHIE)*
- *Regional Extension Centers*
  - *I-HITECH (Purdue)*
  - *Tri-State REC (HealthBridge)*
- *Indiana Medicaid*
- *Beacon - Indiana Health Information Exchange & Healthbridge*
- *SHIE-CAP – IHIT, Inc.*



# What is IHIT?

- Indiana Health Information Technology, Inc.
- State Designated Entity (SDE)
- Received \$10.3 million in April 2010
- Responsible to further HIE activities within the state



# IHIT Governance

- IHIT Board of Directors
- IHIT CEO/State HIT Director
- Advisory Councils
  - Policy/Technical
  - Data Provision and Use
  - Patient Advocacy
  - Research and Education



# Role of the State HIT Director

- Develop and advocate for HIT Policy
- Coordinate efforts with Medicaid, public health, and other federally funded programs
- Serve as a liaison between the private and public sectors
- Serve as a resource for all HIT stakeholders



# IHIT Environmental Scan

- Overview of what is occurring with HIE from a statewide perspective
- Phase 1 – Providers connected to a HIO
  - Acute Care Hospitals
  - Critical Access Hospitals
  - FQHC
  - RHC
- Phase 2 – Identify ONC defined HIE Services
  - Eligibility
  - Claims
  - Prescribing
  - Order Entry
  - Public Health Reporting
  - Quality Reporting
  - Prescription Fill Status/History
  - Clinical Summary Exchange



# IHIT Environmental Scan

- 66% of Acute Care Hospitals have connections to a HIO
- Only 29% of CAH are connect to a HIO
- 89% of hospital beds are connected
- <10% of FQHC and RHC have interface connections with HIO's
- Approximately 40% of hospitals are using the HIO connection in a “meaningful” manner

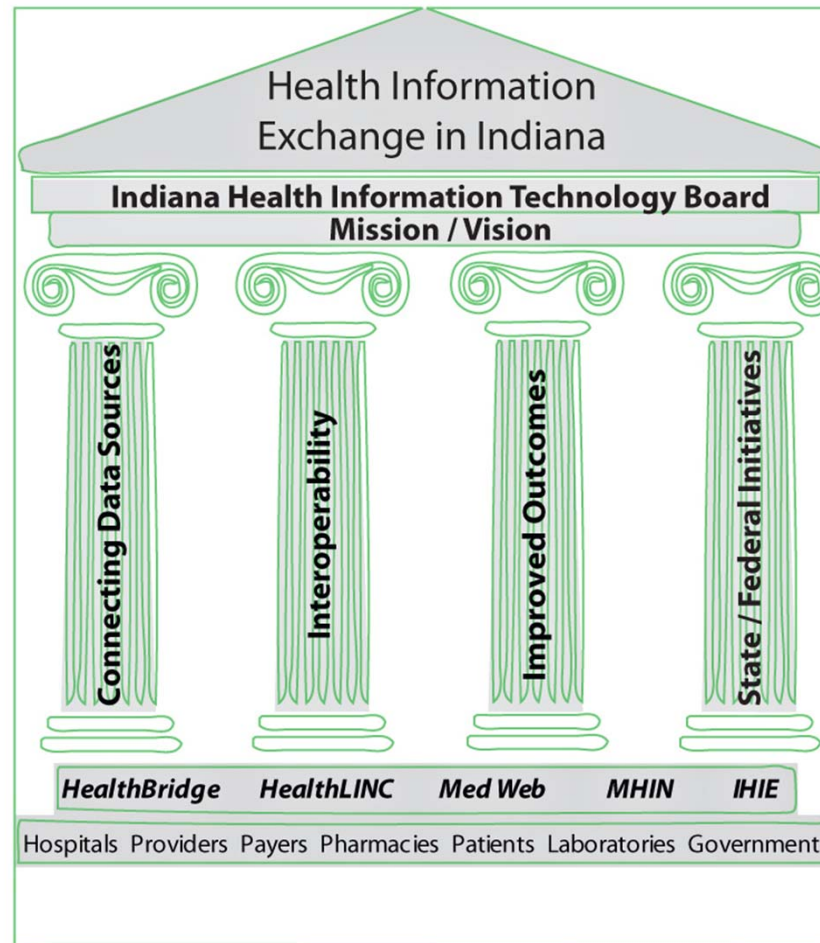


# IHIT Environmental Scan Findings

- Low Penetration of HIE Services in Rural Areas
- Limited bi-directional Interfaces between Providers and HIO's
- High Level HIE Activities being Provided by HIO's
- Limited Information Flow between HIO's
- Limited Data Standards



# IHIT Strategic Pillars



As proposed in Indiana's Strategic/Operational Plan Submission



# Strategic Pillars Description

- Connecting Data Sources
  - Development of interfaces or access infrastructure to allow providers to link to existing HIO's.
- Interoperability
  - Development of standards and/or infrastructure to allow health information to flow freely between providers.
- Improved Outcomes
  - Timely use of health information exchange to improve clinical decisions from the provider, payer, and patient perspective.
- Federal State Initiatives
  - The use of HIE to meet other federal/state initiatives.



# IHIT Funded Projects

- Connectivity Matching Grant Program (\$2.65 M)
  - 30 additional Rural/Critical Access Hospitals
  - 100 FQHC and Rural Health Clinics
  - 50 stand-alone lab and radiology entities
- Data Mapping and Normalization (\$750K)
  - Preferred Standards for Data Elements
    - Patient ID
    - Radiology Results
    - Lab Results
    - Clinical Documents
- Privacy and Security Policy Development (\$200K)
  - Indiana Policy Environmental Scan
  - External State/Federal Scan
  - Gap Analysis
  - Roadmap for addressing gaps



# IHIT Funded Projects, *cont.*

- HIO Connectivity (\$5 M)
  - HIO to HIO message routing
  - CCD/CCR routing
  - Message Extraction to Data Repository
  - Consolidated Care Summaries by push and query methodologies
- Web Communication Tool (\$100K)
  - Blogging
  - Discussion Forums
  - Statewide HIT Calendar
- Immunization Registry Integration (\$1 M)
  - HIO and EMR bi-direction interfacing with CHIRP
  - Increased access to immunization data



# State Challenge Projects

- Approximately \$3 million in Supplemental Funds awarded by ONC
- Consumer Mediated Exchange
  - ~\$1.268 million
  - Data Liquidity
  - Patient identification and authentication
  - Secure Messaging
  - NoMoreClipboards partnership
- Enabling Advanced Query for Patient Care
  - ~\$1.718 million
  - Capture additional discrete data with tags
  - Patient Preference Controls
  - Browser based search and filtering capabilities
  - Ethics framework for fair information practices
  - Regenstrief Institute partnership



# Moving Beyond Meaningful Use

- MU sets the floor
- Must Achieve Clinical/Workflow Integration
- Keep the Patient at the center
- Look ahead to future Stages
- IT should be included in Strategy
- Challenge the vendors
- Get passionate about IT and sharing of information



# Contact Information

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