INDIANA HEALTH INFORMATION TECHNOLOGY ANNUAL REPORT

YEAR ENDING 2011

VISION

Indiana Health Information Technology's goal is to improve the quality, safety, and efficiency of patient care by advancing Indiana's position as a leader in sustainable, secure, standards-based health information exchange.

BACKGROUND

In October 2009, Governor Mitchell E. Daniels, Jr. designated Indiana Health Information Technology, Inc. (IHIT) to be the state designated entity for the State HIE Cooperative Agreement Program. IHIT has developed a state HIE Strategic and Operational Plan and will implement four key strategies: Connecting Data Sources, Interoperability, Improving Outcomes, and Federal/State Initiatives, to establish secure statewide and interstate HIE with all health care providers in the state, particularly those in rural and underserved areas.

OBJECTIVES

- Develop an effective strategy for increasing HIE adoption in rural and underserved areas across the state, leading to statewide HIE coverage;
- Expand and develop additional health information exchange services necessary for achieving "meaningful use" of health information technology;
- Establish a governance structure that achieves broad-based stakeholder collaboration with transparency, buy-in and trust;
- Identify a path to continued sustainability by managing financial resources necessary to fund the State's HIE Strategic and Operational Plan;
- Expand the technical infrastructure capabilities that physically enable health information exchange in a secure and appropriate manner;
- Facilitate the adoption of appropriate privacy and security frameworks for health care information on behalf of consumers, patients and providers.

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FINANCIALS

Consolidated Balance Sheet

Years Ended September 30, 2011 and September 30, 2010

	2011	2010
Assets		
Fund Balance	$11,834,481.61*	$10,012,536.74
In-kind Match	$204,228.02	$11,698.23
Total Assets	**$12,038,709.63**	**$10,024,234.97**

**HIE Challenge Program Supplemental Grant of $2,986,409 was awarded to IHIT on January 26, 2011*

Consolidated Statement of Activities

Years Ended September 30, 2011 and September 30, 2010

	2011	2010
Operating Expenses		
Salaries and employee benefits	$221,586.33	$41,941.21
Travel	$11,523.58	$1,361.33
Equipment	$1,398.53	$0.00
Supplies	$264.12	$222.64
Contractual	$918,140.82	$236,982.28
Construction	$0.00	$0.00
Other	$11,550.75	$6,955.80
Total Expenses	**$1,164,464.13**	**$287,463.26**

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IHIT Staff

Andrew VanZee
Statewide Health IT Director

Brad Richards
Project Manager

Diane Walton
Grant Administrator

Board Members

Brian Bauer
CEO, Lutheran Hospital

Stan Crosley
Co-Director, Center for Strategic Health Information Provisioning

Chris Eckerle
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Indiana State Department of Health

Clance LaTurner
Vocal Presence

Michael J. Mirro
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CEO, Memorial Hospital-South Bend

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Director, Information Systems
Margaret Mary Community Hospital

Christopher Ruhl
OMB Director
Indiana State Budget Agency

Jamal Smith
Executive Director
Indiana Civil Rights Commission

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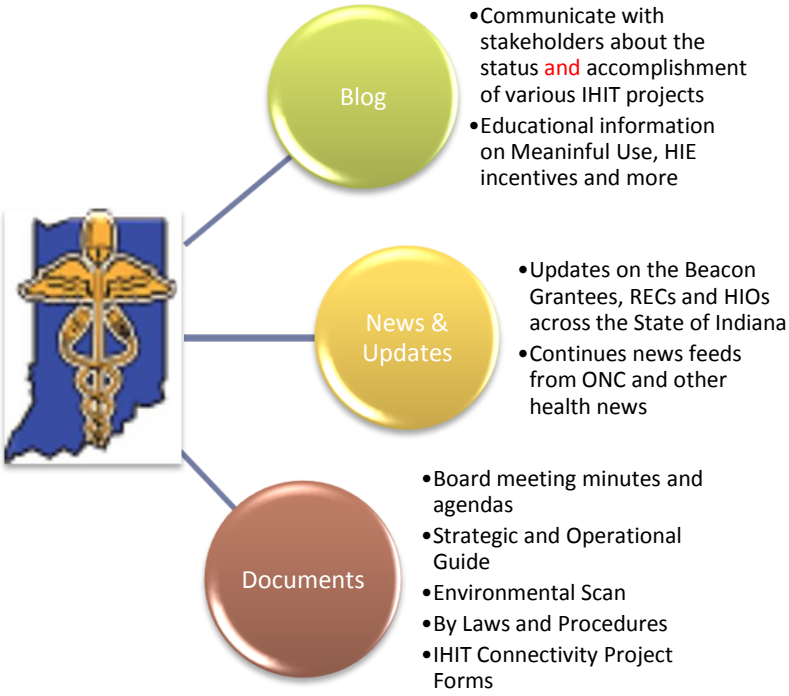
PROJECT UPDATES

COMMUNICATIONS

To allow for transparency and timely distribution of HIE activities, the IHIT team developed a website: www.indianahealthit.com. To enhance the communication of the website, IHIT shares relevant news and events via social media outlets (Twitter and LinkedIn).



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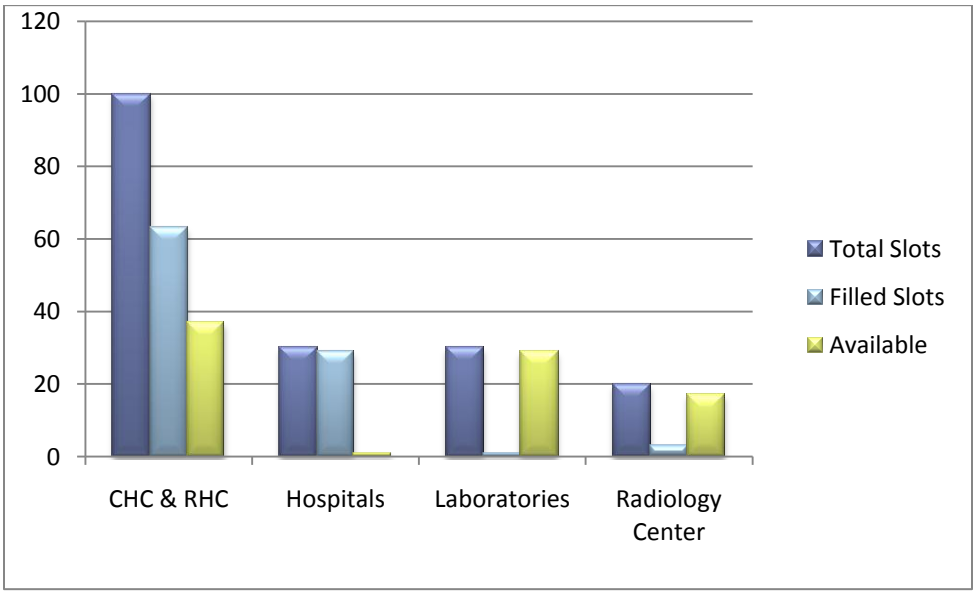
SHIE-CAP CONNECTIVITY

The Connectivity Matching Grant Program addresses the barrier that exists for access to HIE infrastructure in rural areas of Indiana. This project incentivizes eligible organizations to develop the interface infrastructure to link the organizations to established Health Information Organizations.

Incentive payments will include $40,000 for 30 rural/critical access hospitals and $10,000 for 100 health centers, 30 laboratories, and 20 radiology centers. To date, the chart illustrates the entities which have signed a letter of intent with IHIT to receive the maximum reimbursement when they meet qualifications.

	Health Centers	Hospitals	Laboratories	Radiology Centers
Total Slots	100	30	30	20
Filled	63	29	1	3
Available	37	1	29	17



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SHIE-CAP UPDATE

IHIT, with the help of Indiana's five regionally-based Health Information Organizations (HIO's), is making steady progress towards advancing sustainable, secure, standards-based health information exchange throughout Indiana's rural communities and underserved populations.

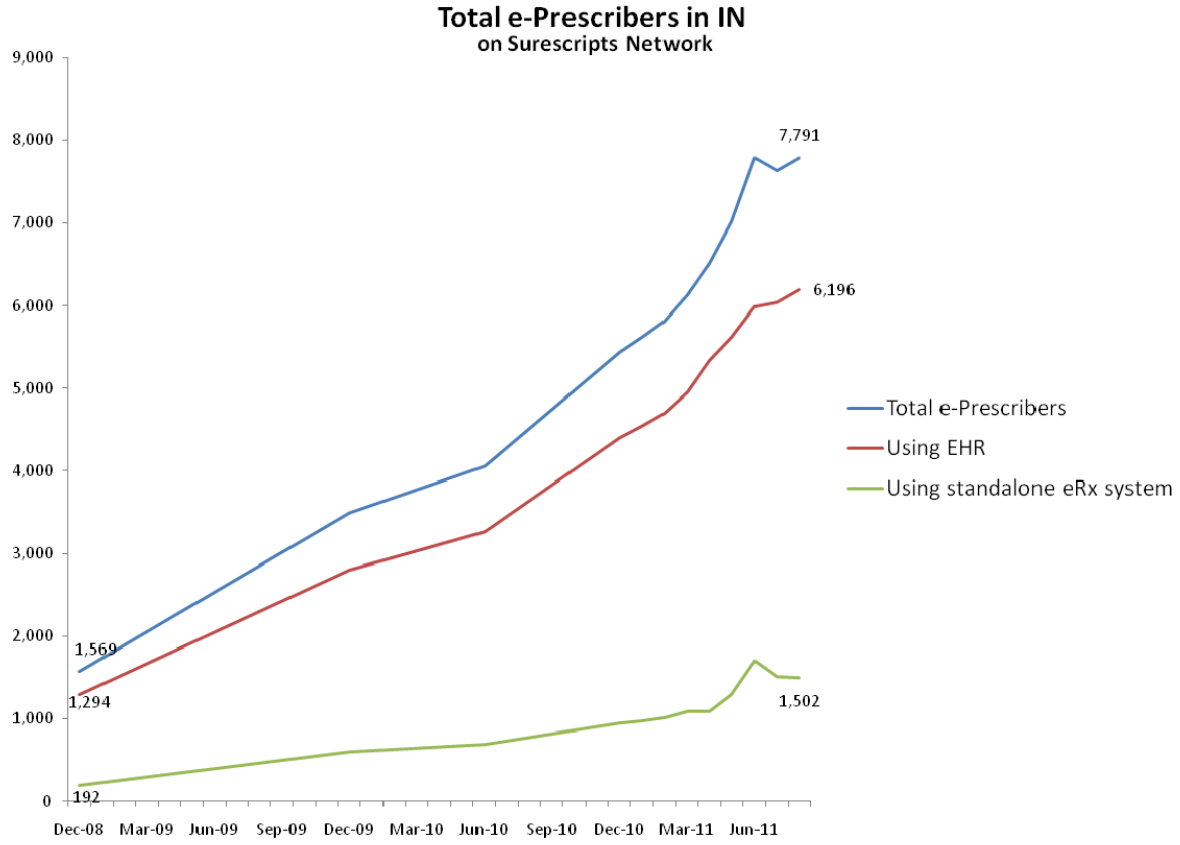
Some highlights as of December 31, 2011:

- **101 of 123** acute hospitals have signed contracts with a HIO
- **2532** active participants for directed exchange *(Push)[includes unique ambulatory providers and individual labs]*
- **5511** active participants for query exchange *(Pull))[includes unique ambulatory providers and individual labs]*
- **13,365,891** transactions sent *(Directed/Push) [includes lab results, discharge summaries, public health results, visit summaries]*
- **1,205,317** transactions for patient record inquiries

As the numbers show, Indiana is well on its way towards securely moving electronic health data in a meaningful way to improve coordination among health providers to help them achieve improved health outcomes for their patients.

E-PRESCRIBING

The following graphs provide an overview of the growth of e-prescribing adoption in Indiana between December 2008 and August 2011 and how e-prescribing was utilized in Indiana in August 2011. ONC acquired is data from Surescripts, the nation's leading e-prescription network.



CONSUMER ENGAGEMENT/CHALLENGE GRANT PROJECTS

In September 2011, IHIT launched its Consumer eHealth Initiative. This pledge campaign is geared toward raising awareness on the importance that the consumers play in healthcare. IHIT is asking for organizations to pledge to provide education and health data access to the consumers they serve. By year's end, twenty-six (26) organizations have pledged their support. Next steps include recruiting additional organizations and development of a recognition program to highlight organizations that have taken action on the pledge. In addition to this Initiative, IHIT was awarded a State HIE Challenge grant that focuses on Consumer Mediated Exchange. Only eight (8) Challenge Grant awards were given out. Indiana was fortunate to receive two of these supplemental funding awards. On the Consumer Mediate Exchange project, IHIT has partnered with NoMoreClipboard.com to deploy a personal health record solution at twelve (12) pilot sites across the state. Patient identification and authentication issues are two of the main deliverables of the project.

FUTURE: INTEROPERABILITY

2012 will focus on the efforts to drive interoperability between the sub-state health information organizations (HIO's). IHIT has entered into sub-recipient agreements with the five sub-state HIO's. The statements of work detail the ability to deliver results/messages to any provider connected to one of the sub-state HIO's. The HIO's will accomplish this by launch shared provider directories and Direct compliant transport by implementing Health Information Service Provider (HISP). This project builds off of a national protocol known as the Direct Project that was developed by the Office of the National Coordinator. The second area of interoperability improvement will focus on the delivery of a consolidated care summary via a continuity of care document format (CCD). The sub-state HIO's will utilize Connect gateways to be able to query other data sources to identify if additional information exists on a patient. The originating HIO will then merge all the patient information into a single document to be delivered at the point of care. CONNECT is an open source software solution that uses Nationwide Health Information Network standards and governance to make sure that health information exchanges are compatible with other exchanges being set up throughout the country. The third area of interoperability improvement will be in the connection between the sub-state HIO's and the Indiana State Department of Health. The work will center around the development of bi-directional capability for immunization submission and query. The public health integration will also allow the HIO's to perform electronic laboratory reporting on behalf of the provider organizations it serves. The interoperability work will lay the foundation for all future HIE activities both within the state and across the nation.