

Indiana Council of Community Mental Health Centers

October 14, 2013



Role of the State HIT Coordinator

- 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

What is IHIT?

- Indiana Health Information Technology, Inc.
- State Designated Entity (SDE)
- Received \$13.3 million in HITECH funding
- Responsible for furthering HIE activities within the state



HITECH Programs Address Barriers to Adoption, Meaningful Use, Exchange



Barriers

Intervention

Funds Allocated

Cost of EHR Adoption



MU Incentives

\$27.3 B*

Meaningful Use difficult to achieve for small providers



REC and HITRC

\$643M
\$50M

Barriers to health information exchange



HIE Program
Standards & Interoperability

\$548M
\$64.3M

Lack of trained workforce



Workforce

\$118M

Lack of trust, policy framework



Privacy and Security

Addressed across
all Programs

Need for “real world” examples of HIT contribution to Health Care Transformation



Beacon
SHARP

\$250M
\$60M

*\$27.3 B is high scenario

Federal Health IT Strategic Plan 2011-2015



State Health Information Exchange (HIE) Program



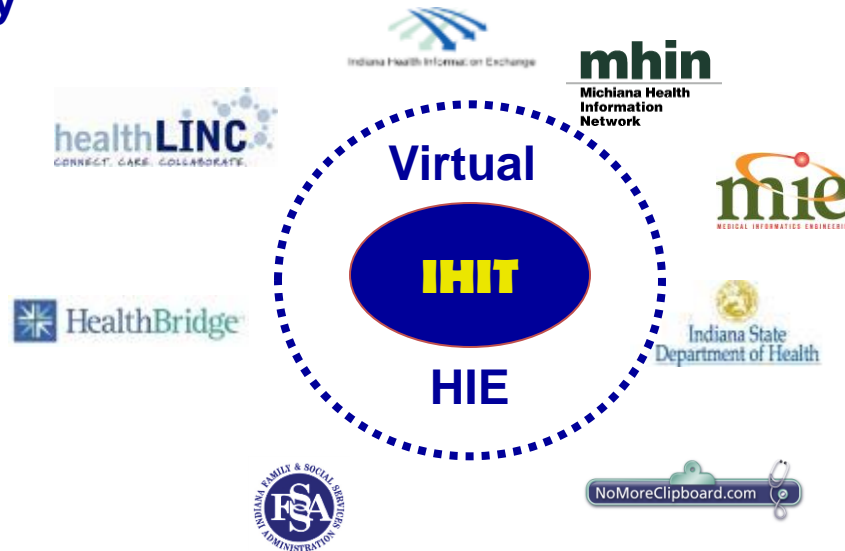
Indiana Health Information Orgs



State HIE Role – Driving Interoperability

**Statewide Provider
Directory**

**Nomenclature
Normalization**



**Clinical Message
Routing**

**Patient and Results
Discovery/Query**

IHIT Funded Projects

- Connectivity Matching Grant Program
 - 30 additional Rural/Critical Access Hospitals
 - 80 FQHC and Rural Health Clinics
 - 20 stand-alone lab and radiology entities
- HIO Connectivity
 - HIO to HIO message routing
 - CCD/CCR routing
 - Message Extraction to Data Repository
 - Consolidated Care Summaries by push and query methodologies
- Immunization Registry Integration
 - HIO and EMR bi-direction interfacing with CHIRP
 - Increased access to immunization data
- Consumer Mediated Exchange – PHR
 - 12 pilots sites across state, multiple use cases
- Implantable Cardiac Device Data Access
 - 2 pilot sites, 2 EHR vendors, PHR, and medical device company

IHIT Funded Projects, *cont.*

- Long Term Care/Behavioral Facility Integration
 - Transitions of Care Support
- Stage 2 MU White Space
 - CDA Processor
 - Modular Certification
 - ELR integration
 - CCD/Direct support
- Organ Procurement Entity Integration
- Blue Button+ Reference Implementation
 - PHR integration with regional reference lab
- Clinical Data Warehouse Development
 - Improved ACO/MU Analytics
 - ADT Alerts
 - Support Data Queries



Indiana HIE Progress

- 5 HISPs deployed (Secure Messaging)
- HISP Directory interoperability
- All sub-state HIO deployed Connect gateways
- Cross-HIO query starting April 2013
- 28 hospitals, 66 clinics, 7 lab/rad entities enrolled in HIE Connectivity Program

Indiana HIE Metrics

- 56% of Hospitals have access to Care Summaries
- 78% of Hospital Labs Submitting Results
- 48% of Hospitals Submitting Immunizations
- 53% of Hospitals Submitting ELR
- 99% of Hospital ER's submitting Surveillance data
- 42 Million+ Pushed (Directed) Transactions Q1 2013
- 5.2 Million+ Public Health Messages Q1 2013

Electronic Health Records (EHR) Incentives/Other State Metrics



Medicare EHR Payments

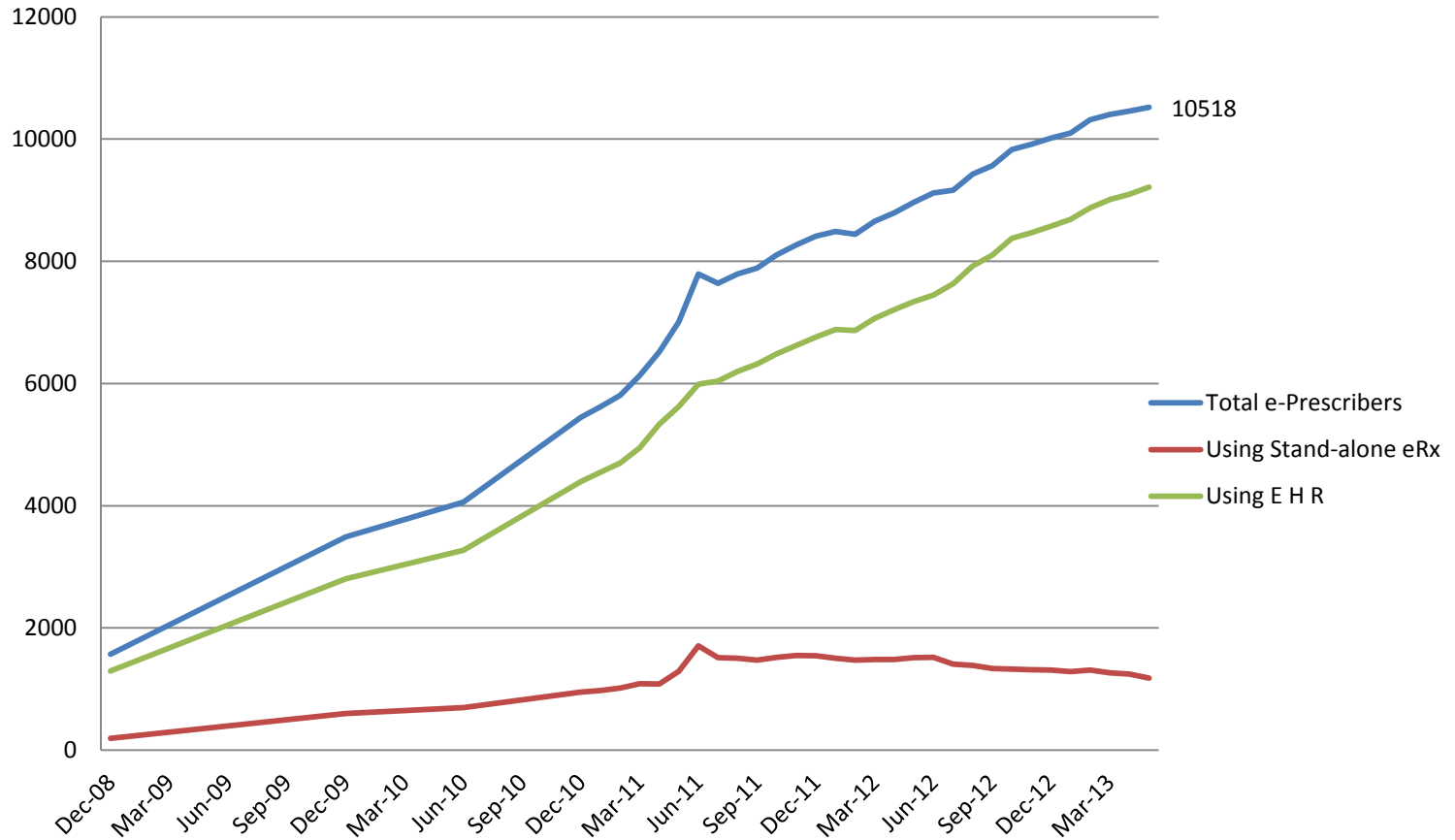
Indiana		As of Aug 31, 2013	
Medicare	EP	5047	\$81,293,681
	Hospital	3	\$3,856,281
	Dual-Eligible	94	\$146,758,296
Totals		5,144	\$231,908,259

Medicaid EHR Payments

Indiana		As of Sept 20, 2013	Year 1/Year 2
Medicaid	EP	1772/550	\$41,980,103
	Hospital*	0	
	Dual-Eligible	109/37	\$82,608,816
Totals		1881/587	\$124,588,919

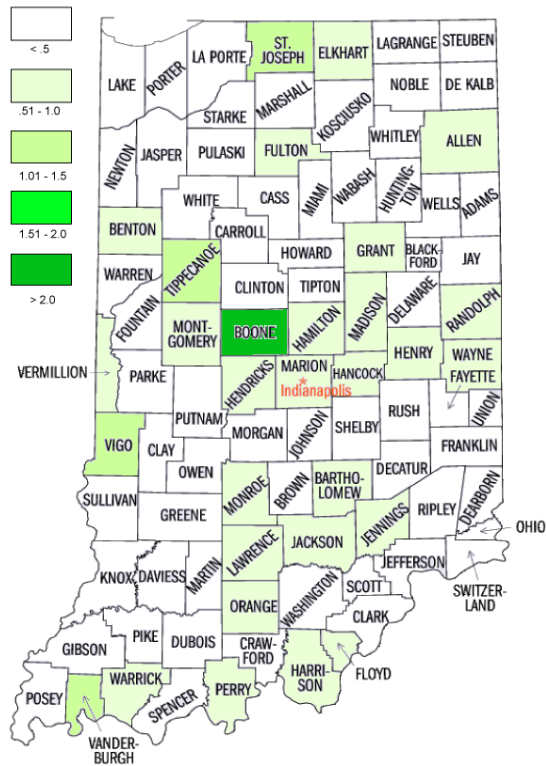
* Indiana has no Medicaid-only hospitals

E-Prescribing Providers

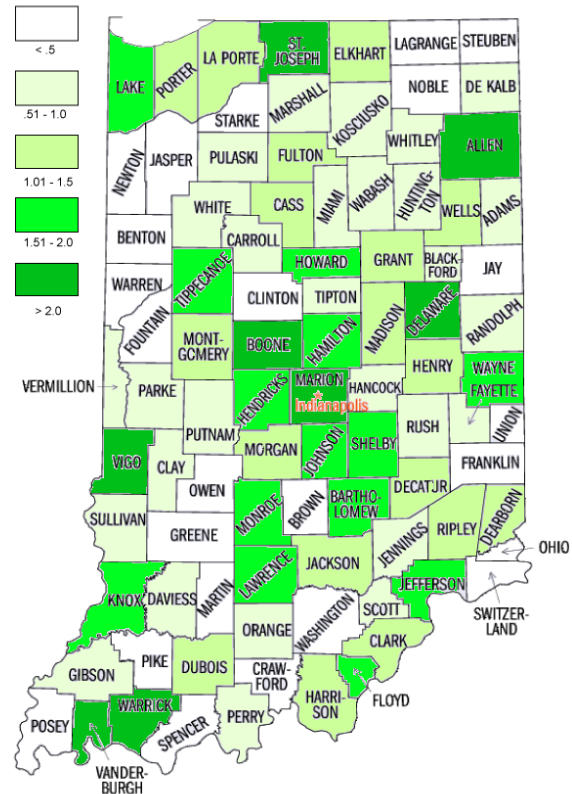


E-Prescribing Providers

June 2010



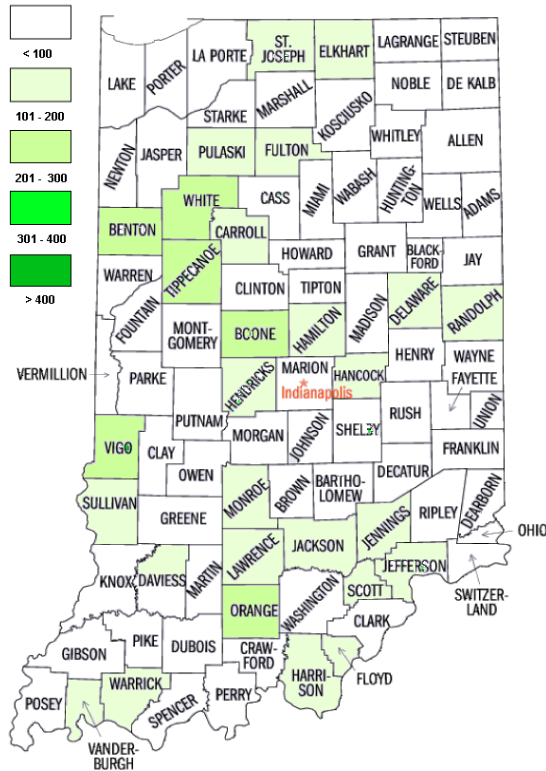
May 2013



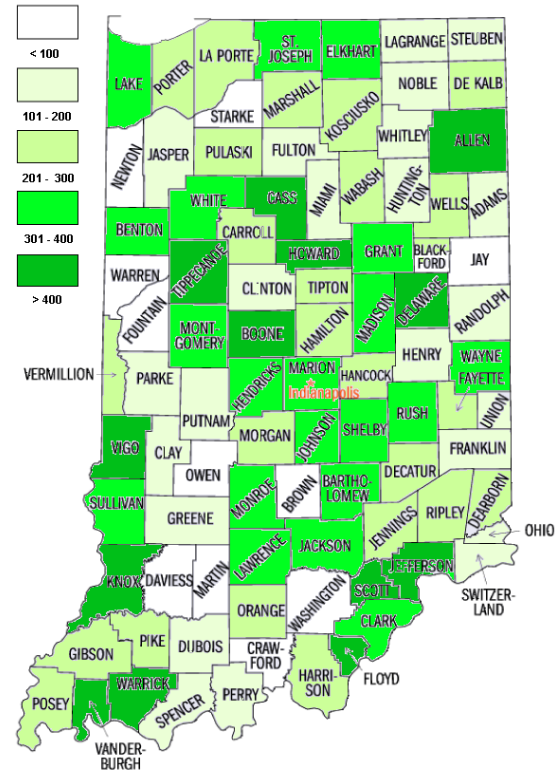
IHIT
INDIANA HEALTH
INFORMATION
TECHNOLOGY, INC.

E-prescribing Transactions

June 2010



May 2013



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TECHNOLOGY, INC.

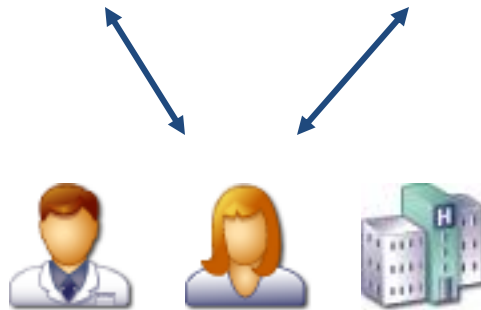
Stage 2 Meaningful Use “The Consumer Enters”



The iPatient



Consumer Mediated Exchange Challenge Grant



Personal Health Records (PHR)



Account Summary Member Summary Mailbox: 49 E-Clipboard: 6 Log Out

Logged in as: jeffycool Viewing Member: Donnell, Jeff S Age: 49, Sex: M

**Member Access Center [Edit]**

-  **Edit Member Summary Layout**
Change what sections appear on this member's summary screen.
-  **Member Review**
Go through a step by step medical review for Jeff.
-  **Access Privileges**
Manage access to your PHR information.
-  **Import data from pickup code**
Use a pickup code from a provider or other institution to import documents into your profile.

**Jeff's Registration Information [Edit]**

**Jeff S. Donnell**



**Employment:**
President
NoMoreClipboard.com
6318 Constitution Drive
Fort Wayne, IN
Work # (260) 969-4642 x358

**Emergency Contact:**

**cc:Me**

Active cc:Me web address:<https://www.ccme.com/jeffycool>

Active cc:Me secure email address:jeffycool@ccme.com



[Print Hey Doc, cc:Me instructions for next appointment](#)

Insurance [Edit]

**Microsoft HealthVault [Preferences]**

* - Currently, NoMoreClipboard.com syncs the following information between accounts: Basic demographic information, medications, allergies, conditions, procedures, weight, height, blood pressure, blood glucose. .
[Create a connection with an MS HealthVault Account](#)

**Current Medications [Edit]**

-  **Dexedrine Spansule** 15mg (Ten times daily)
-  **Effexor XR** 150mg (Daily)
-  **Percocet** 7.5-325mg (Anguish)
-  **Prozac** 40mg (Every ten minutes)
-  **Xanax** 2mg (Hourly)
-  **Zoloft** 100mg (Stress)

Previously taken medications:

-  **None Entered**

**Current Illnesses [Edit] [Conditions Review]**

-  **Asthmatic breathing** (09-12-2011)
-  **Glasses**
-  **Hair Loss**
-  **Hayfever**
-  **High blood pressure** (09-14-2011)

**Past Illnesses [Edit]**

-  **Chicken Pox**
-  **Difficulty Swallowing**
-  **Pinched nerve**

**Surgeries/Procedures [Edit]**

-  **Vasectomy for contraception** (1987)

**Immunizations [Edit]**

-  **Tetanus toxoid** (Date: 05-03-1999)

**Allergies [Edit]**

-  **Hayfever**
-  **Mold-Yeast-Dust** (Difficulty breathing)

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PHR Pilot Outcomes

- 6,776 PHR's deployed at pilot sites
- All 5 Sub-state HIO's participating
- Patients Recruiting Friends
- Higher Patient Activation Scores
- Addressing the Challenges
 - Patient ID and Matching/Authentication
 - Data Use Agreements
 - Minor Consents

MyVaxIndiana Home Page

[Home](#)[Search](#)[Contact Us](#)[How To](#)

Get Your Records Now!
Contact your Physician and get a
PIN# to access MyVaxIndiana

What Is MyVaxIndiana

The Indiana State Department of Health (ISDH) maintains an Immunization Information System known as CHIRP (Children and Hoosier's Immunization Registry Program). The purpose of CHIRP is to collect, forecast, manage, and share vaccine data to registered medical providers in Indiana. A provider may include private medical facilities, local health departments, hospitals, schools, and daycares. The program is run under the Indiana Code 16-38-5 which allows for providers and their designees to access to CHIRP. In addition an individual also may access their personal or their dependents vaccine record from either the registered CHIRP provider or directly from the Indiana State Department of Health.

As an update to the existing program, ISDH has created the MyVaxIndiana Immunization Portal which enables a person to access a vaccine record from any computer. To begin this process a registered CHIRP provider will create a patient ID number (PIN) which will grant a person specific patient access to the record they have requested. A parent or guardian could request a PIN to view their dependents immunization history, or any individual could do the same for their own record. They then have a number of options as to how their data can be viewed and saved. This includes an option to print and save the Official Immunization Record, download the record into a file format that may be compatible with their

FAQs

- [How do I use this site?](#)
- [How can I find a CHIRP provider?](#)

If you have a question that is not answered here, please feel free to contact us at any time. You can email us here or call toll-free at (888) 227-4439. As a tip, if you wish to download your record, please install Adobe Acrobat Reader.

Prescription Drug Monitoring Program (PDMP) Integration

The next public health measure



Increasing Use of PDMP Data

LICENSE TYPE	UNREGISTERED	REGISTERED	TOTAL	% REGISTERED
CLINICAL NURSE SPECIALIST	61	73	134	54%
CSR-CERTIFIED NURSE MIDWIFE	42	16	58	28%
CSR-OSTEOPATHIC PHYSICIAN	680	208	888	44%
CSR-PHYSICIAN	10885	3541	14426	33%
DENTIST	2852	3179	6031	36%
NURSE PRACTITIONER	1082	2981	4063	46%
PHARMACIST	7002	2903	9905	29%
PHYSICIAN ASSISTANT	362	250	612	41%
PODIATRIST	229	101	330	31%
RESIDENT	1204	95	1299	7%
VETERINARIAN	1360	34	1394	2%
TOTALS	25454	11783	37237	32%

1 out of 3 Registered

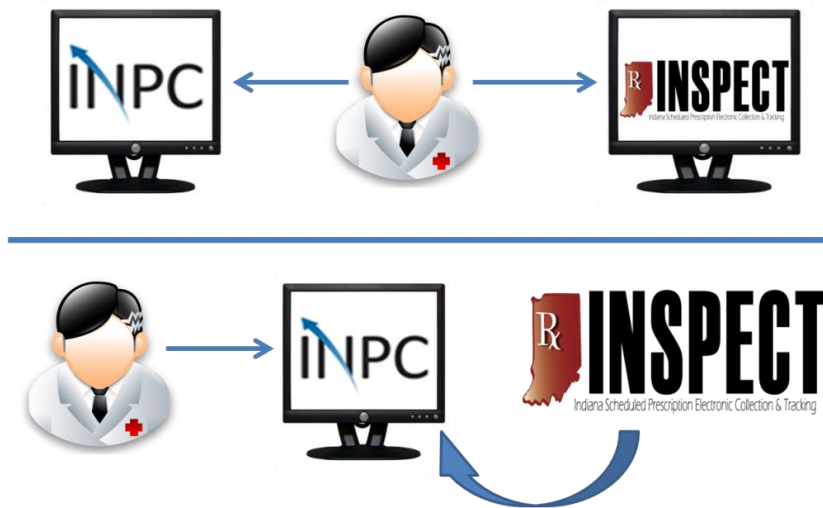


5,000+ reports/weekday



**13,000,000
Rxs/annually**

PDMP Workflow Integration



- No registration
- No username/password
- No query/search results
- No added steps
- No delay

PDMP Integration Pilot

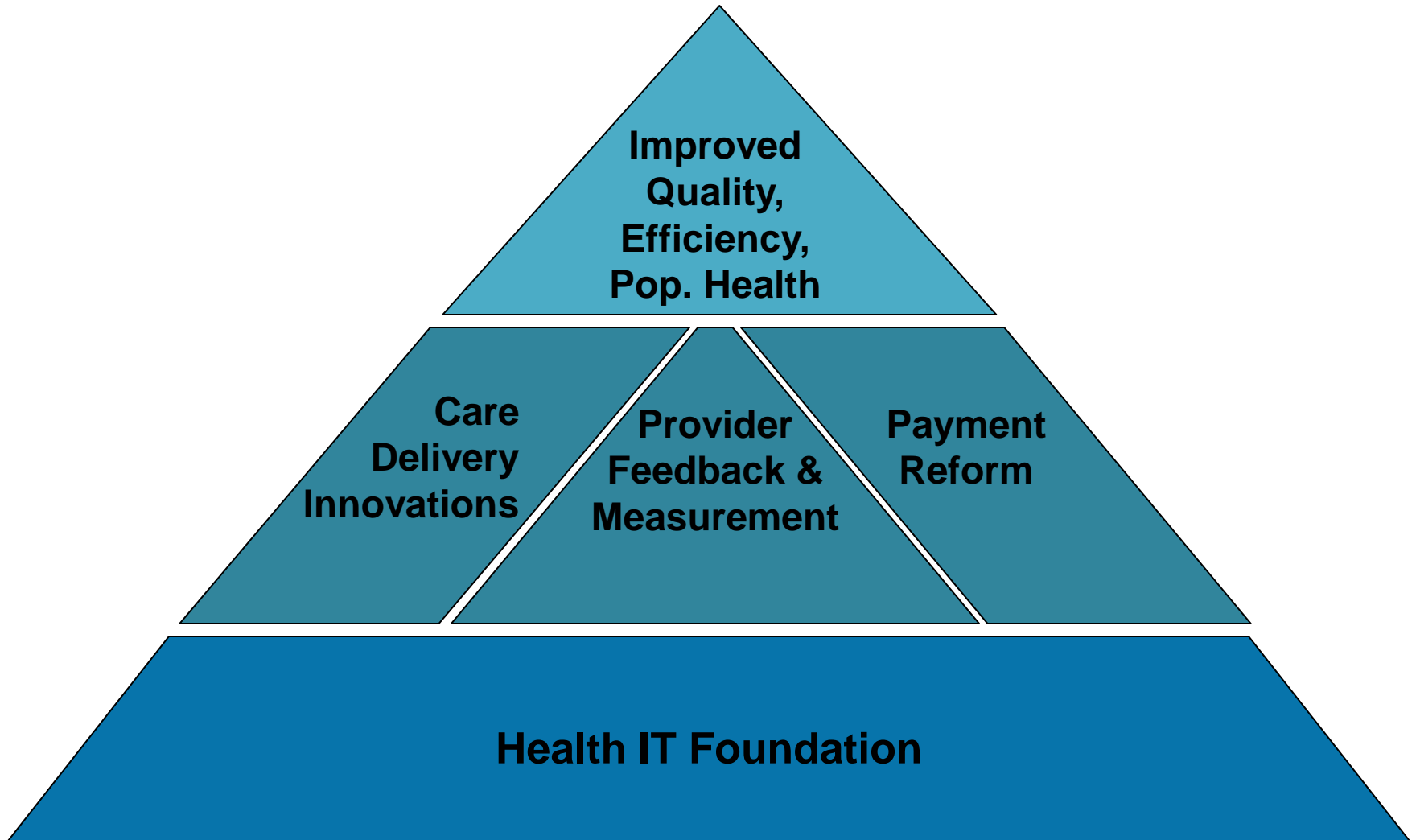
- There was a **58% reduction** in either prescriptions written or number of pills prescribed.
- In **72% of cases there was more information** in the report than the physician was aware of.
- **100% reported that integrated report was easier to use.**
- 2 out of 3 accessing report in INPC not registered w/ INSPECT
- Worst offenders are less active (40% drop in 10+ prescribers/60 days)
- PDMP data integration is permanent with INPC as of January 2013.
- Requests increased from 5,000 to 10,000 daily
- *“I have to say that this is probably one of the more genius moves of the 21st century. Having easy access to INSPECT without going to a totally different website and have it pop up instantly has taken a lot of time off of decision making for me. Thanks for spearheading it.”*

Wishard ER Physician

HIE/HIT Strategies



HIT as a Foundation



Opportunities For The State

- Ensure Interoperability between all Stakeholders
 - Public
 - Private
- Drive Public Health through data access
 - INSPECT
 - CHIRP
- Defining the Role of the Consumer
- Leverage HIT Assets and Resources for the Future
- Examine Indiana Statutes and Code for Electronic World

Opportunities For Mental Health Providers

- Maximize EHR Incentives
- Interoperability
 - Connect to HIE
 - Integration with Primary Care
- Defining the Role of the Consumer
- Prep for Medical Home payment models
- Develop Common Consent Practices

Contact Information

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