

# Health Information Exchange: Providing Coordinated Care

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E-Health Consulting

# One Week of Chart Work



Dr. David Trachenburg

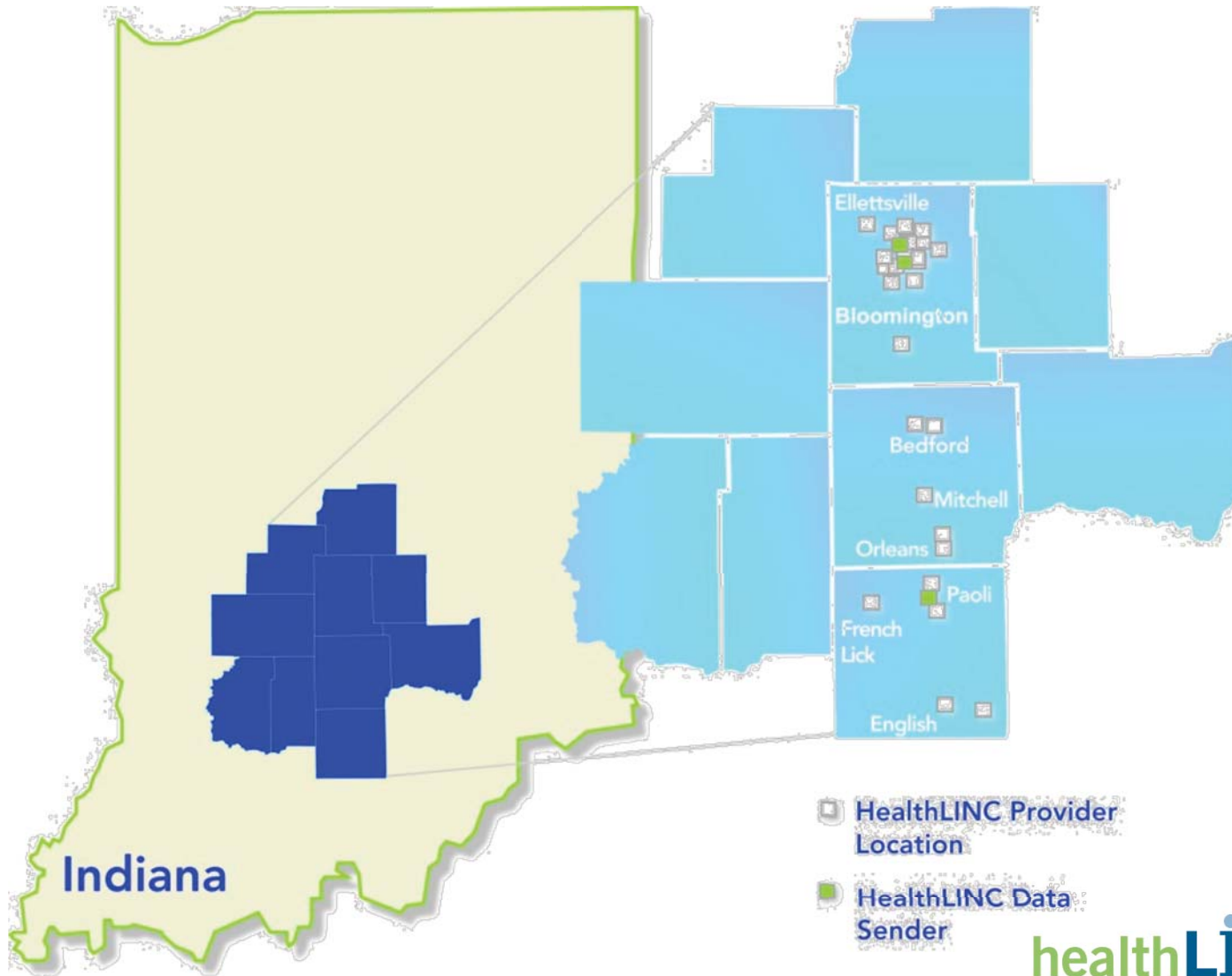
# HealthLINC Achievements Since 2007

- ❖ Includes 210 Physicians – 35 practices
- ❖ Includes 175,000 patients
- ❖ 2 EMR data interfaces live
- ❖ Sending 130,000 results per month
- ❖ Sending 1,000 results/month HL-HB-IHIE Network of Networks
- ❖ HB-IHIE network of networks including 54 hospitals in IN, KY and Ohio
- ❖ Turned off 100,000 pages print/fax per month
- ❖ E-prescribing via EMR-lite allows enhanced medication safety

# HealthLINC Economic Impact

- ❖ Adding jobs during a “down economy”
- ❖ 30% projected job growth in 2010-11
- ❖ HIE alignment with economic stimulus creates growth opportunities
- ❖ Hard ROI for Bloomington Hospital > \$800,000 over 3 years

# HealthLINC Network



# Hospital CFO

Our investment in HealthLINC has been effective from both financial and community perspectives...

# Meaningful Use

## ❖ American Recovery and Re-investment Act of 2009

- Window between 2011 and 2015
- Maximize Medicare or Medicaid one time incentive

## ❖ Physicians Qualified EMR = up to \$44,000

- Connection to HIE
- E-prescribing
- Certified EMR-lite (EMR right)
- Capacity to report quality data

## ❖ Hospitals Qualified EMR = \$2 to \$6 million

- Connection to HIE
- Certified Enterprise EMR
- Capacity to report quality data

# Active Clinical Messaging Sites

- Adult Primary Healthcare
- Aegis
- Bloomington Functional Medical Assoc.
- Bloomington Obstetrics and Gynecology
- Bloomington Orthopedic Spine Clinic
- Bloomington Rheumatology Center of Indiana
- Judson Brewer, MD
- Rebecca Brewer, MD LLC
- Cancer Care Center of Southern Indiana
- Clarian Cardiovascular Surgeons
- Cook Family Health Center
- Wendy K. Corning, MD
- Philip A. Crooke, MD
- Ellettsville Family Practice
- ENT Associates of Southern Indiana
- Amartyadeb Goswami, MD
- Terrence Greene, MD
- Fadi Haddad, MD
- IU Health Center
- Internal Medicine Associates
- Joie De Vivre
- Jubilee
- Ludlow Gynecology
- Lee McKinley, MD
- Brian Murphy, MD (Blgtn Bone and Joint)
- Neurosurgical Clinic of Bloomington
- Orleans Family Healthcare
- Orleans Medical Clinic
- Orthopedic Spine Clinic
- Peripheral Vascular Care
- William Schmalz, MD
- David Schneider, MD
- Southern Indiana Community Healthcare
- Southern Indiana Pediatrics
- Topoligus Surgical
- Vascular Center and Vein Clinic
- Volunteers in Medicine
- Women's Health

# Information is powerful...



**Besty Sabga, MD:**

*I get my results faster  
and now can schedule  
follow-ups in 4 days...*



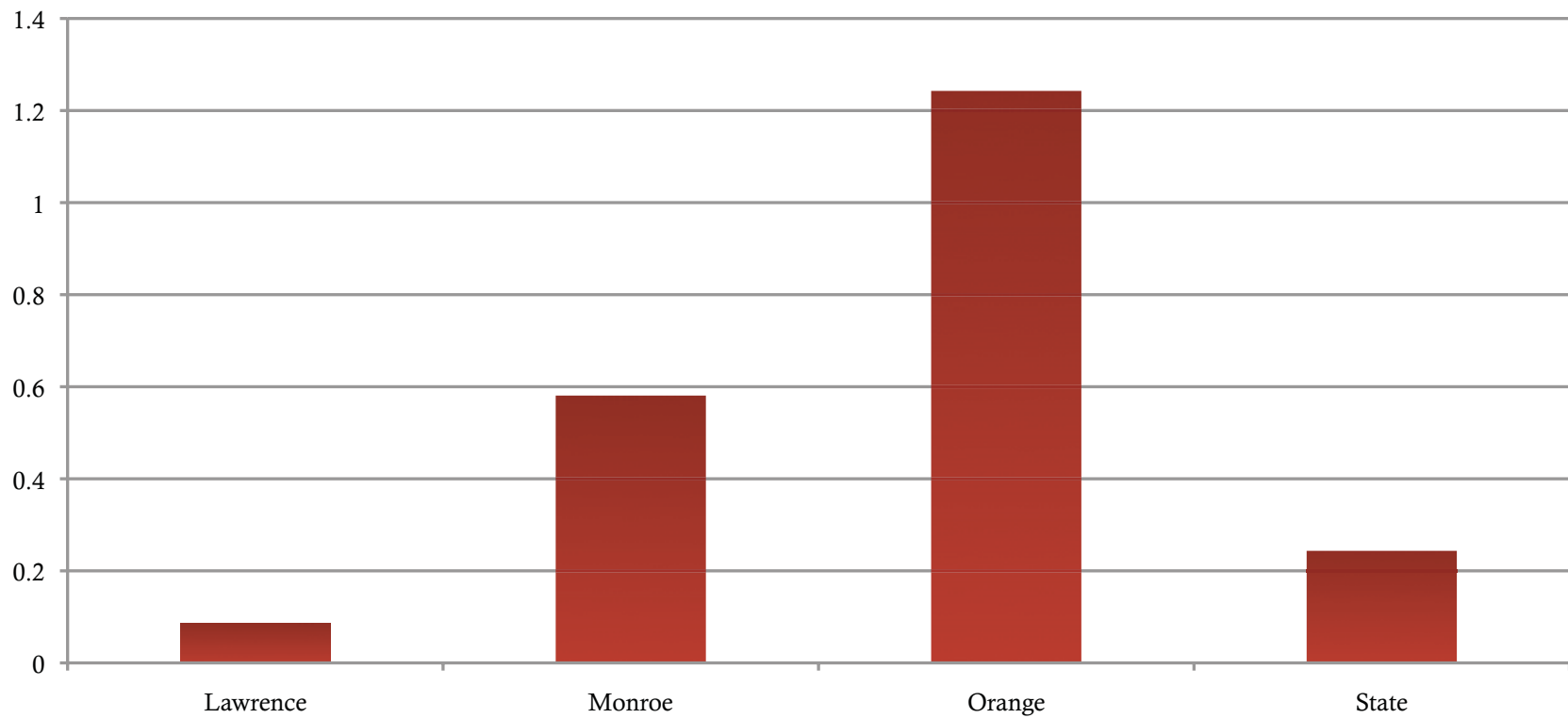
**Jim Laughlin, MD:**  
*I can monitor results for  
special care nursery real  
time...*



**Sandy DeWeese:**

*CM is letting us go “paperless” for  
results and secure communication...*

# E-Prescriptions/Citizen: 6 months 2009



Provided by SureScripts

# Jubilee Clinic: Linda Wells-Frieberger NP

Clinical Messaging, electronic prescribing and other EMR lite functionality for our underserved clinic will align us more with the community to aid transitions in care.



# Indiana, Ohio HIEs reach milestone in clinical data exchange



"Coordination of care requires information sharing," said Jim Laughlin, MD, of Southern Indiana Pediatrics.

"While many medical practices have systems that can share information internally, the connection between different regions and organizations allows me to track patient results from many labs or specialists. It is only through this kind of information sharing that we can hope to coordinate care in an efficient manner."

# 1 Stop: HealthLINC & IHIE Results

[Next](#) [Previous](#) [Search](#) [Expand All](#) [Collapse All](#)



Patient	Type of Report	By	Observation	From
LAUGHLIN James J				
Unactioned				
<input type="checkbox"/>	Enterovirus PCR	J Laughlin	06/25/2009 12:24 PM LAB - BHE	BHE
<input type="checkbox"/>	Throat Culture	J Laughlin	07/02/2009 10:43 AM LAB - BHE	BHE
<input type="checkbox"/>	Urine Culture	J Laughlin	07/28/2009 03:58 PM LAB - BHE	BHE
<input type="checkbox"/>	Vaginosis Diagnostic Pane...	J Laughlin	07/28/2009 09:43 AM LAB - BHE	BHE
<input type="checkbox"/>	Wound Culture	J Laughlin-Jr	06/12/2009 03:21 PM LAB - BHE	BHE
<input type="checkbox"/>	Resp_CX + Stn(09-182-0033...	M Macke	07/01/2009 08:36 AM LAB - IHIE	IHIE
<input type="checkbox"/>	Register a patient	J Laughlin	08/19/2009 01:01 AM ADT - BHE	BHE
<input type="checkbox"/>	OP-Orthopedic MD H&P/Init...		06/03/2009 06:27 AM TRANSCRIPTION - IHIE	IHIE
<input type="checkbox"/>	Resp_CX + Stn(09-161-0037...	M Weist	06/10/2009 09:07 AM LAB - IHIE	IHIE
<input type="checkbox"/>	Admit/visit notification	P Crooke	08/20/2009 09:12 AM ADT - BHE	BHE
<input type="checkbox"/>	IGF Binding Prot 3 Ser ON	E Eugster	07/15/2009 04:50 PM LAB - IHIE	IHIE
<input type="checkbox"/>	Sed Rate	E Eugster	07/15/2009 04:50 PM LAB - IHIE	IHIE
<input type="checkbox"/>	Auto Diff	J Stevens	07/01/2009 03:29 PM LAB - IHIE	IHIE
<input type="checkbox"/>	CBC_w/Differential	J Stevens	07/01/2009 03:29 PM LAB - IHIE	IHIE
<input type="checkbox"/>	Comp. Metabolic Panel	J Stevens	07/01/2009 03:29 PM LAB - IHIE	IHIE
<input type="checkbox"/>	Resp_CX + Stn(09-154-0036...	J Stevens	06/03/2009 09:03 AM LAB - IHIE	IHIE
<input type="checkbox"/>	COMPLETE BLOOD COUNT	K Ost	01/17/2009 11:02 PM LAB - IHIE	IHIE
<input type="checkbox"/>	Basic Metabolic Panel	J Laughlin	06/05/2009 03:02 PM LAB - IHIE	IHIE
<input type="checkbox"/>	Phosphorus_SerPL ON	J Laughlin	06/05/2009 03:02 PM LAB - IHIE	IHIE

Patient Name

Bloomington Hospital Result

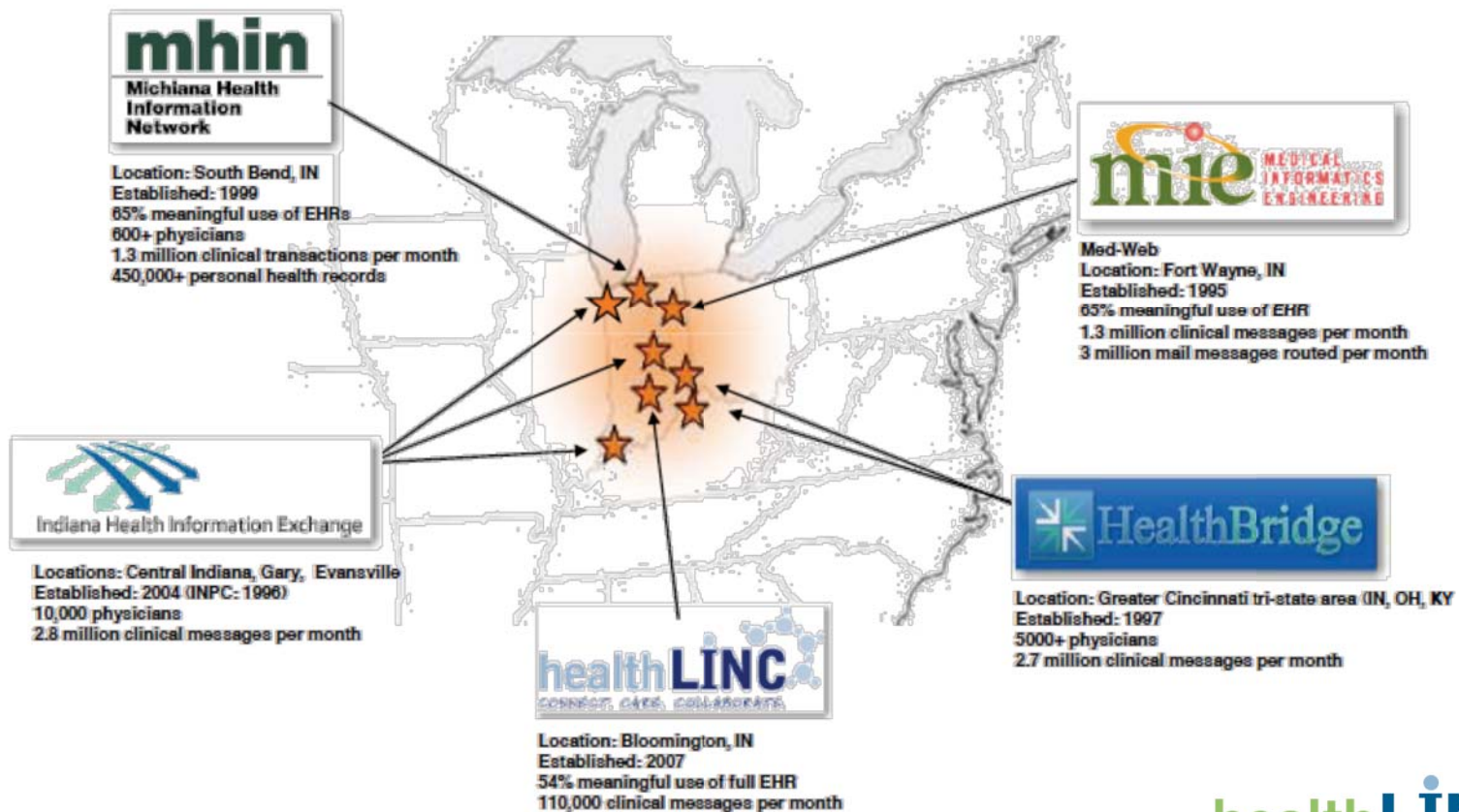
IHIE Result

# Opportunities

- ❖ More EMR interfaces
- ❖ Start up of ePrescribing
- ❖ Adding data senders and NHs
- ❖ HIE to HIE data sharing
- ❖ ARRA meaningful use

# Statewide HIE Grant Submitted 10/16/09

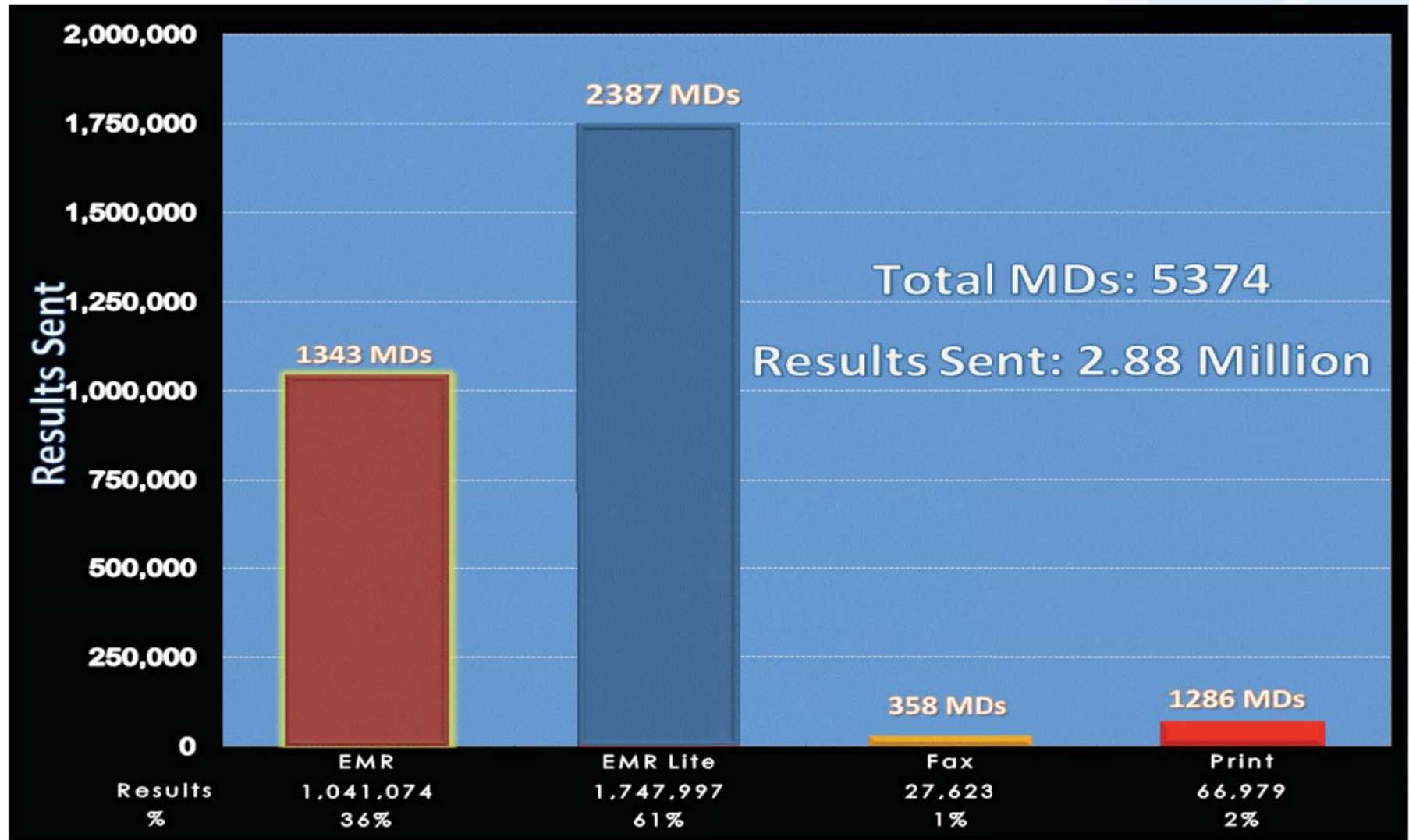
## We Stand Together and Ready



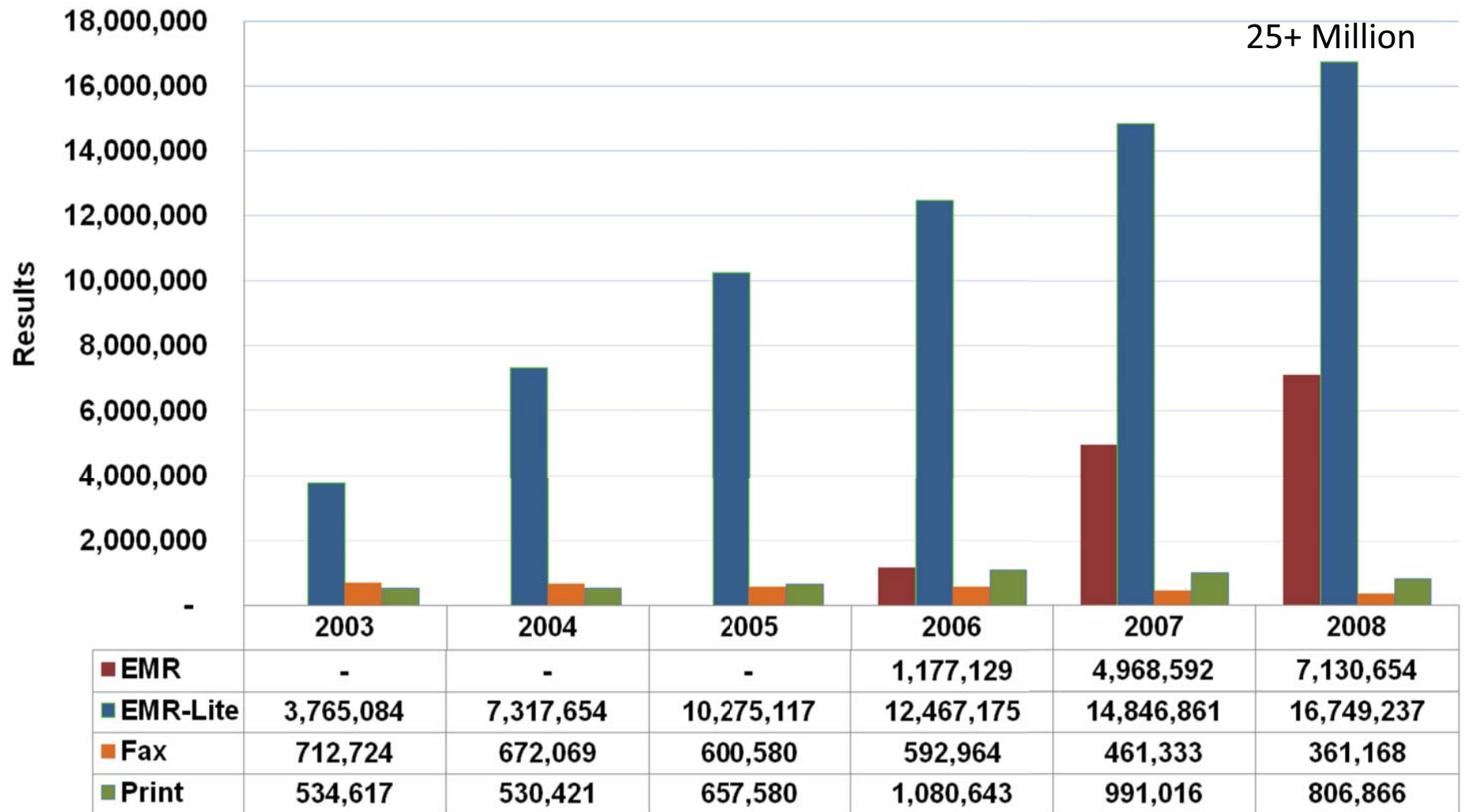


# July 2009 Results by Category

Delivering results...Transforming health care



# Results Delivered 2003 to 2008





# Connect.

Clinical messaging is an effective way for hospitals to share patient results with physician offices. It is an electronic system that securely delivers test reports.



## What is Clinical Messaging?

Clinical messaging is an effective way for hospitals to share patient results with physician offices. It is an electronic system that securely delivers test reports.

Clinicians use a web browser to securely receive messages, tag these messages with instructions/notes, then electronically deliver them to other clinicians or staff. In some communities, Clinical Messaging has been successfully in place for more than a decade.

- [Learn more about Clinical Messaging](#)
- [Learn more about E-Prescribing](#)

## News & Events

- Indiana and Ohio Health Information Exchanges Connect for Nation's First Live, Multi-Region Clinical Information Exchange**  
The day when your medical information follows you electronically wherever you go just came one ... more
- HealthLINC Supports Swine Flu Communications Using Axolotl's Elysium Exchange**  
Public Health Professionals Praise HealthLINC's Contributions San Jose, CA, and Bloomington IN, May 18, 2009 — ... more
- Expanding Indiana's Breakthroughs in Health Information Technology (Exhibit Indiana): Initiative to Advance the State's Health IT National Leadership and Assets Launched to Bring More Awareness to Sector**  
Indianapolis, June 24, 2009 – As the federal economic stimulus package moves to fund leading applications of health information technology (HIT), Indiana sits in the pole position. more

### Customer Perspectives

Hear what our customers have to say about Clinical Messaging

[Watch video](#) [View all testimonials](#)

### Join the LINC Forum

[Start a discussion](#)