



A collaboration to  
provide better information  
for better care.

Kory Schnoor, IDPH Office of Health IT  
Kelly Peiper, Iowa Medicaid Enterprise

brought to you by



# The Iowa e-Health vision is for:

a healthier Iowa through the use and exchange of electronic health information to improve patient-centered health care and population health



An HIE will share that health information to ...



Improve Patient Care



Save Valuable Time



Lower Cost through Increased Efficiency



Help Providers Access Incentive \$\$

(Likely part of Stage 2 Meaningful Use in 2013)



Prepare for Payment Reform

(e.g., ACOs, Prometheus, Patient Centered Medical Home, Bundled Payments etc...)

...and do it safely and securely.

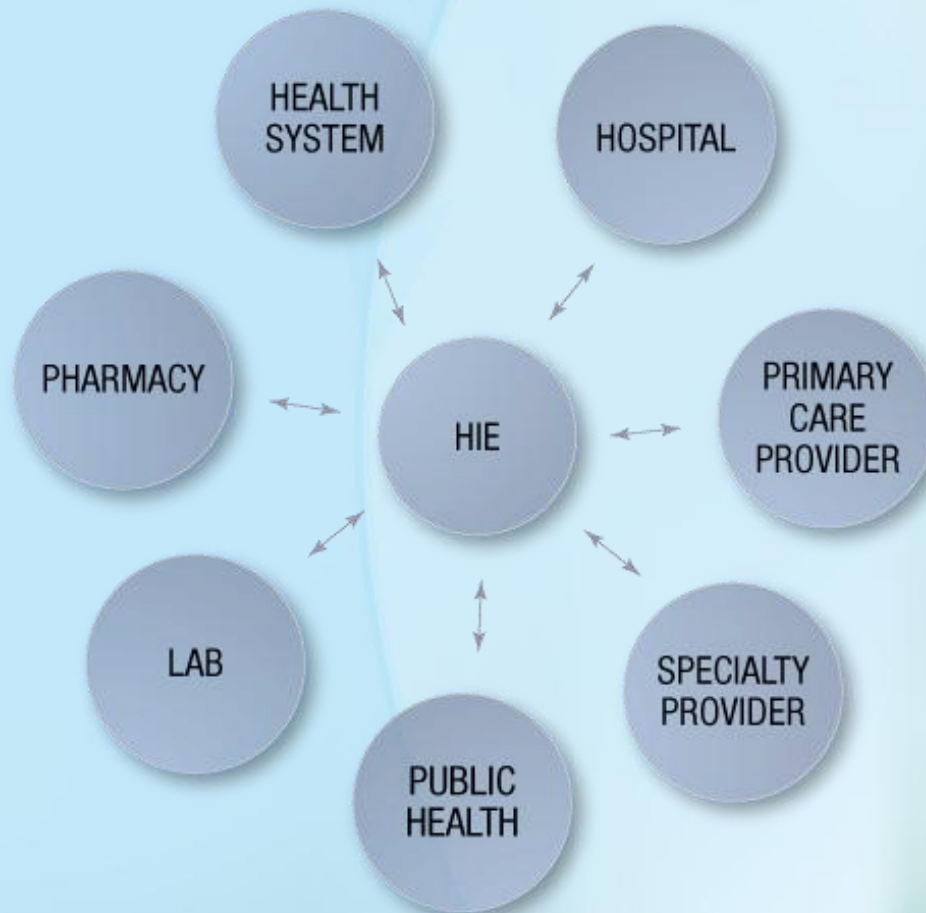
# Ten goals of Iowa e-Health

1. Communication and Outreach
2. Provider Adoption
3. HIE Infrastructure
4. HIE Services
5. Privacy and Security
6. Coordination
7. Governance
8. Business and Technical Operations
9. Finance and Sustainability
10. Evaluation



# Health Information Exchange

- The HIE is a “hub” that facilitates the exchange of clinical information between providers



# HIE Infrastructure & Services

## Expanded Services

Public Health  
Surveillance

ACOs and other  
models

Clinical Decision  
Support

Automated Quality  
Reporting

## Core Services

CCD : Allergies, Med  
History

Secure Messaging

EHR Lite

CCD : Lab and Radiology Results

Immunization Reporting

## Foundation elements

EMPI

Direct Connect &  
Portal Access

Record Locator  
Service

Provider/Org  
Directory

Patient Consent

Audit and  
Logging



# SFY2012\* HIE Services/Data

\*July 01, 2011 – June 30, 2012

- Secure Messaging (includes Medical Record Push)
- Continuity of care documents
  - Demographics
  - Allergies or contraindications
  - Medication history
  - Lab results
  - Radiology results
  - Immunization history
- Immunization reporting and retrieval
- Quality metric submission
- Reporting communicable diseases



# SFY2013\* HIE Services/Data

\*July 01, 2012 – June 30, 2013

- All Services from SFY 2012
- Patient Portal
- Automated Capture of Quality Reporting
- Alerts and Quality Indicators
- EHR Lite



# Potential Future HIE Services

- Credentialing
- Enrollment Eligibility
- Vital Records (Birth and Death)
- Newborn Metabolic Screening
- Radiology images
- Connect Disability Determination Services



SCH

Ben Healthy

Help Clear Lock Log Out



PL: Community Search PC: JONES, JOE WB: Reminders MG: Inbox (3) ADM: Reports:

Patient Chart

Help Print Maximize Refresh

S100675235 JONES, JOE (06/24/1951 - 59 Years Old M) (876)364-7892

OVERRIDE SECURITY

Aliases 3 3 FALL RISK

Clinical Results History Summaries Search Actions

Visit History ICD/CPT Claims History Immunization History Medications

Medications

Print Maximize Refresh

Active Medications Medication History

Source	MRN	Vault	Medication	Packaging	Start Date	Sig	Prescriber
SCH	S100675235	SCH	LIPITOR TABLETS	30 TABLETS BOT	07/13/2010	20 MG PO DAILY	Healthy MD, Ben David
SureScripts	S100675235	SCH	ATENOLOL AND CHLORTHALIDONE TABLETS	50 BOTPL	07/13/2010	1 TABLE PO DAILY	Healthy MD, Ben David
SCH	S100675235	SCH	MINIPRIN TABLETS	10 BOT	07/13/2010	81 MG PO DAILY	Healthy MD, Ben David
SureScripts	S100675235	SCH	ALLEGRA D 12 HOUR TABLETS EXTENDED RELEASE	100 BOT	08/18/2009	1-2 TABLE PO 1 TO 2 TIME PER DAY	Healthy MD, Ben David
SCH	S100675235	SCH	NOVOLIN R REGULAR HUMAN INSULIN INJECTION SOLUTION RDNA	10 ML VIAL X 1 CRTN	07/12/2007	1.5 UNIT SQ EVERY MORNING AT 8 AM. administer 30-60 minutes before supper	Healthy MD, Ben David

Reminders 3/3 Messages 0/0 Unchecked Results 0/1

Quick Community PDQ PIX

Patient Identifiers MRN SSN

Patient Demographics Last First Search Type DOB Search

- Patient Lists Outpatient Lists Clinic Schedules ED Lists Inpatient Lists My Inpatient Lists Rounding List Additional Patient Lists Manage Lists



PL: Community Search | PC: JONES, JOE | WB: Reminders | MG: Inbox (3) | ADM: | Reports:

Patient Chart | Help | Print | Maximize | Refresh

S100675235 | JONES, JOE (06/24/1951 - 59 Years Old M) (876)364-7892 | **OVERWRITE SECURITY**

Aliases 3 | **FALL RISK**

- Reminders 3/3
- Messages 0/3
- Unchecked Results 0/1

Clinical Results | History | Summaries | Search | Actions

Visit History | ICD/CPT | Claims History | Immunization History | Medications

Quick | Community | PDQ | PIX

**Immunization History** | S100675235 - Jones, Joe (06/24/1951 - 59 M) | Print | Maximize | Refresh

MRN	Vault	Immunization	Series	Dose	Manuf.	Lot	Date	Age	Provider	Status
S100675235	DPH	yellow fever			UNK		08/29/2010	59	Test, Doctor	COMPLETE
S100675235	SCH	Herpes Zoster	1	0.5 mL	MSD	T 28712	08/11/2010	59	Webster, Bert	COMPLETE
S100675235	SCH	DTaP	1	0.5 mL	PMC	P1091	12/17/2009	58	Webster, Bert	COMPLETE
S100675235	DPH	influenza, split (incl. purified surface antigen)			UNK		11/24/2009	58	Hawley, Laura K	COMPLETE
S100675235	SCH	Influenza A (H1N1)	1	0.5 mL	NW	L 87112	08/11/2009	58	Webster, Bert	COMPLETE
S100675235	SCH	Varicella	2	1 mL	MSD	S 2903495	09/11/2004	53	Webster, Bert	COMPLETE
S100675235	DPH	typhoid, NOS			UNK		06/01/2002	50	Test, Doctor	COMPLETE
S100675235	DPH	vaccinia (smallpox)			UNK		01/01/1953	18 months		COMPLETE

Patient Identifiers

MRN

SSN

Patient Demographics

Last

First

Search Type:

DOB

Search

- Patient Lists
- Outpatient Lists
- Clinic Schedules
- ED Lists
- Inpatient Lists
- My Inpatient Lists
- Rounding List
- Additional Patient Lists
- Manage Lists

# Funding – Sustainability Model

- Build Phase 2011-2015
- Sustainability Phase 2016 on
- Fee Structure
  - Hospital – Annual Net Revenue
  - Provider Practice – Based on number of providers
  - Other Provider Types – Based on number of providers
  - Payers – Based on size of health plan
- Expenses
  - Infrastructure
  - Staff
  - Technical Assistance
  - Communication



# HIE – The patient perspective

- Benefits
  - Avoid adverse drug events
  - Avoid duplicate diagnostic tests
  - Improved care coordination
- Patient Portal
- Patients may choose to “opt-out” of the HIE
  - Specific processes to opt-out will be established through administrative rules and policies
  - Patient education
  - Opting-out for individuals with specially protected health information
- Communication and outreach to consumers



# Current activities

- Participation Agreements
- Participation Manual
  - Legal References (Agreements and Administrative Rules)
  - Policies
  - Procedures
  - Technical reference
- Several large stakeholder Letters of Intent
- Participation Interest Form

[http://www.iowahealth.org/provider/participation\\_form.html](http://www.iowahealth.org/provider/participation_form.html)



# Current activities

- Legislation
  - Amendment to HF 649 HHS Appropriations
  - Standings Bill
- Vendor Contract
  - Planning for post signing
  - Recorded Demos to be available
- Financial Sustainability Plan



# Current activities

- Evaluation Plan
  - How do we show the true value
- Communication and Outreach
  - To providers and consumers



# Information and Resources

ehealth@idph.iowa.gov

866-924-4636

[www.lowaeHealth.org](http://www.lowaeHealth.org)



IowaHITREC@ifmc.org

800-373-2964

[www.IowaHITREC.org](http://www.IowaHITREC.org)



Imeincentives@dhs.state.ia.us

515-974-3071

[www.ime.state.ia.us](http://www.ime.state.ia.us)

