

Alaska Health Information Exchange Update



Bill Sorrells
Executive Director



Alaska eHealth Network (AeHN) Mission

To improve the safety, cost effectiveness, and quality of healthcare in Alaska through widespread secure, confidential electronic clinical information systems including promotion of electronic health records and facilitation of health information exchange

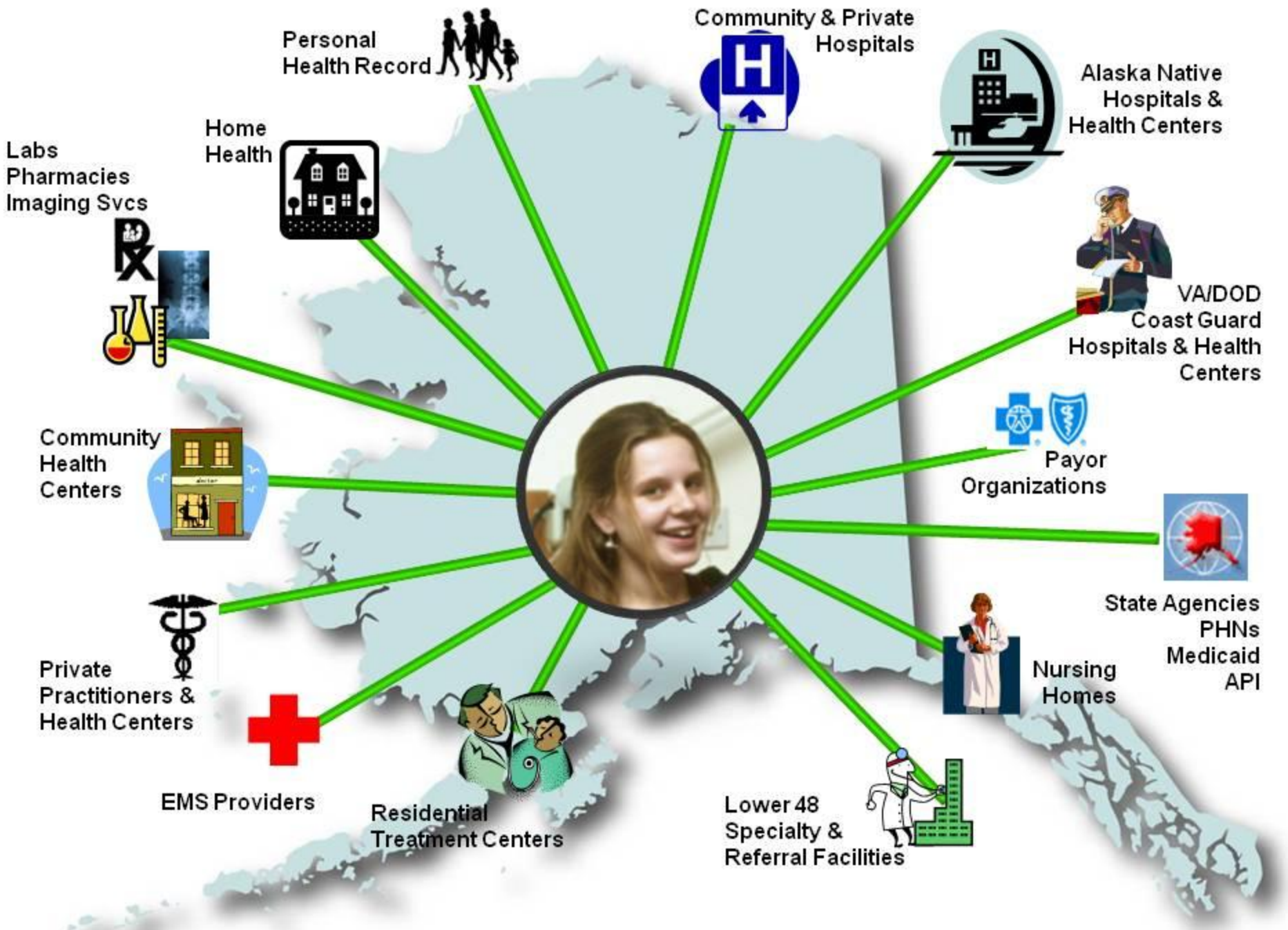
Vision

A connected Alaska healthcare delivery system

Geographic Service Area

State of Alaska and Pacific Northwest





Health Information Exchange (HIE) Defined

- HIE provides the capability to electronically move clinical information among disparate health care information systems while maintaining the meaning of the information being exchanged.
- The goal of HIE is to facilitate access to and retrieval of clinical data to provide safer, more timely, efficient, effective, equitable, patient-centered care.
- HIE is also useful to Public Health authorities to assist in analyses of the health of the population.

HIE Value Proposition

- Aggregated patient information regardless of disparate data sources
 - Electronic Master Patient Index
 - Summary of care
 - Admissions, discharges and other info...**lab results!**
- Assembled in a common view
- Secure messaging service
- Supports Stage 1 & 2 Meaningful Use

HIE Value Proposition

- Economic savings include:
 - Reduced hospital re-admissions
 - Reduced administrative burden of patient care
 - Reduced medical errors
 - Reduced unnecessary diagnostic testing
 - Improved patient safety
 - Improved decision support for plans/programs

Economic Savings Example:

- Humana saved \$29 per emergency department visit *when* the Wisconsin HIE was used
 - Most savings was realized by avoiding unnecessary diagnostic testing and imaging services
- Alaska: over 300,000 ED visits per year
 - Potential savings for Alaska...over **\$8M per year** just in the ERs!
 - *We need labs, pharms, and other services reporting electronically*
 - *We need EVERYONE participating in HIE*

HIE Value Proposition

- Improved emergency response
- Improved disaster recovery/treatment
- Improved mandatory reporting (state/fed)
- State gateway to Nationwide Health Information Network (NwHIN...DOD/VA/CG)
- State gateway to Pacific Northwest



Providers



Patients



Public Health



Payers

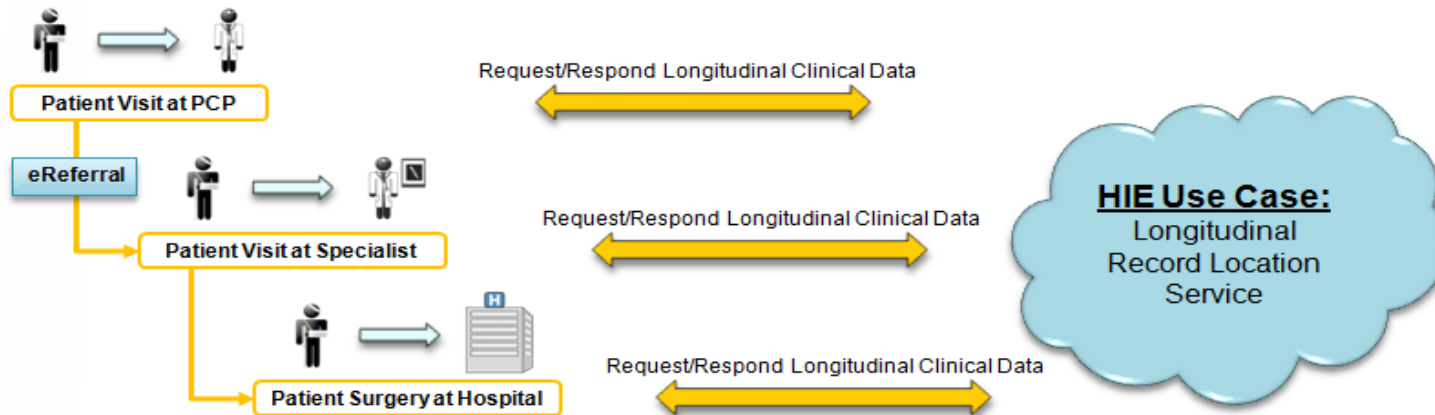


Pharma & Devices



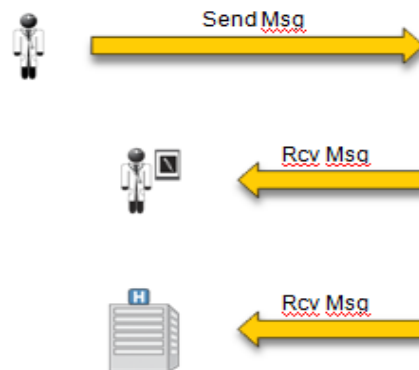
Research

Longitudinal Clinical Summary View





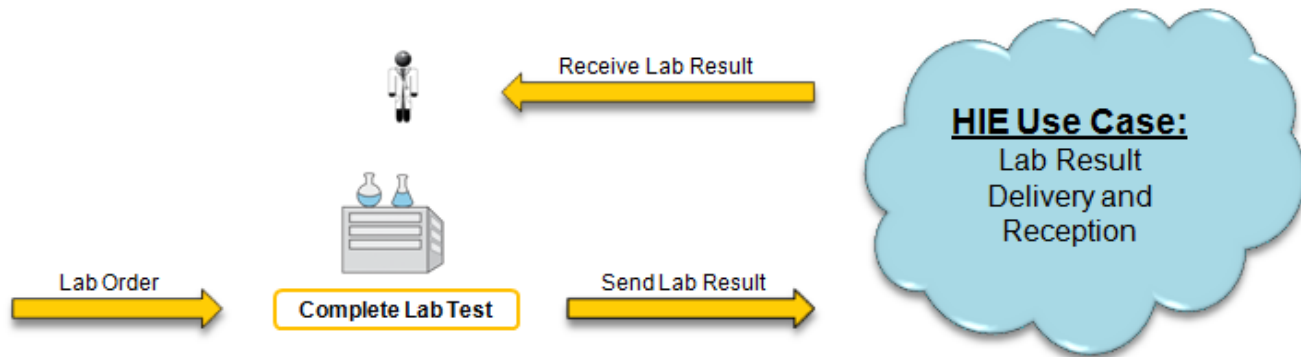
Secure Messaging



HIE Use Case:
Provider to
provider secure
messaging

Labs can provide results electronically via secure messaging too!

Lab Result Delivery





Providers



Patients



Public Health



Payers

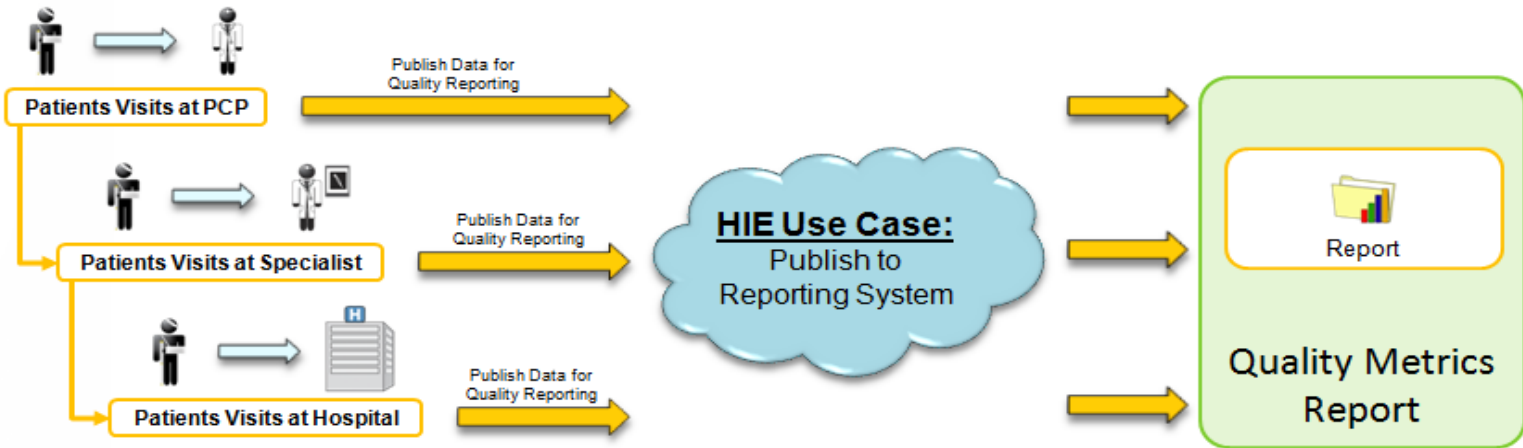


Pharma & Devices



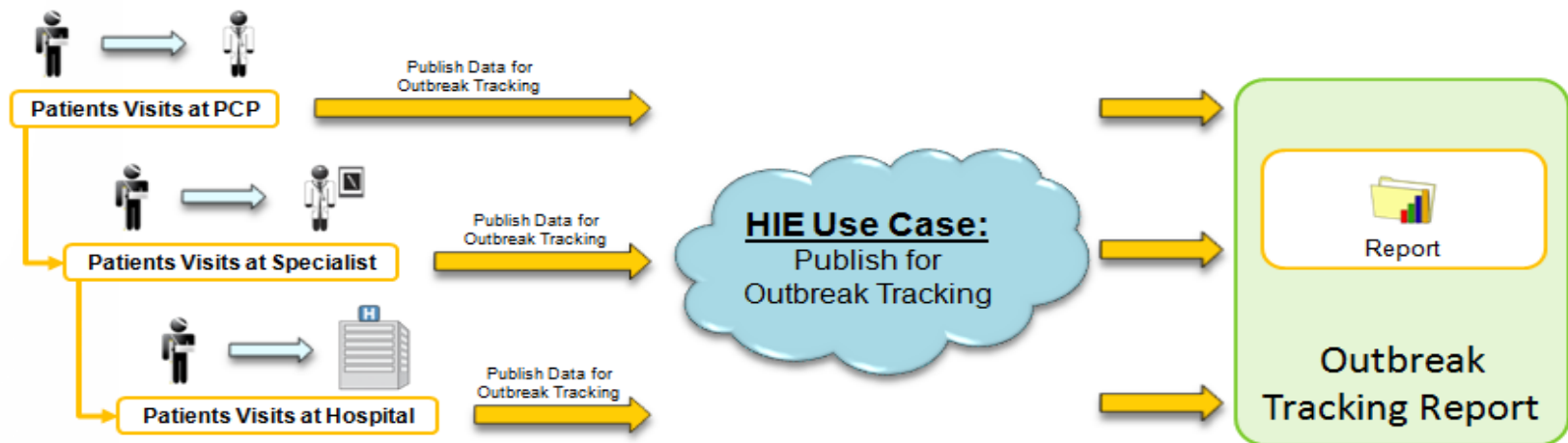
Research

Quality Metrics Generation





Health Outbreak Tracking



Future State: Alaska's Health Information Pipeline

- All hospitals connected by Jan 2014
 - All private/public
 - VA/DOD/Coast Guard
 - Harbor View and Seattle Children's
- 75% of all clinics connected by Oct 2013
- All major diagnostic/rad/Rx services connected by Dec 2012
 - Surescripts, Labcorp, Quest, other labs, pharmacies, etc.
- All Alaska state services connected by Mar 2013

Future State: Alaska's Health Information Pipeline

- HIE regarded as “gold source”
- Health Services Data Warehouse...Dec 2013
 - Population health
 - Medical home
 - Health informatics/analytics
- Patient Portal via MyAlaska.gov
 - Personal Health Records
 - Patient health information services
- NwHIN...connection to other HIEs



Current Status

- Direct Secure Messaging Service went live Jan 2012
 - Over 250 healthcare providers participating
- \$3.8M capital budget request to finish paying for HIE development and sustain for first year
- State/ONC approved sustainability plan by Jun 2012
 - **Need help** getting provider, hospital and payer stakeholders to discuss HIE features needed and willingness to participate financially

What's It Going to Take?

- Hard work
- Active participation for sustainability
- *Strong partnerships*
- Cooperation
- Leadership
- Effective stakeholder management
- ***Sharing is caring!...Better Data > Better Care!***

Questions??

bill@ak-ehealth.org

www.ak-ehealth.org

