



# Community HIE Planning

Merced County, California

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# Agenda

- What is Health Information Exchange?
- HIE Planning in Merced

# What is Health Information Exchange?

# What Is Health Information Exchange?

- **HIE (verb)** – Any exchange of health data between affiliated or unaffiliated health care organizations. This can include clinical as well as administrative data.
- **HIE / HIO / RHIO (noun)** – An organization that facilitates, oversees, and governs HIE activities (ie the movement of data) among a specific group of health care organizations.

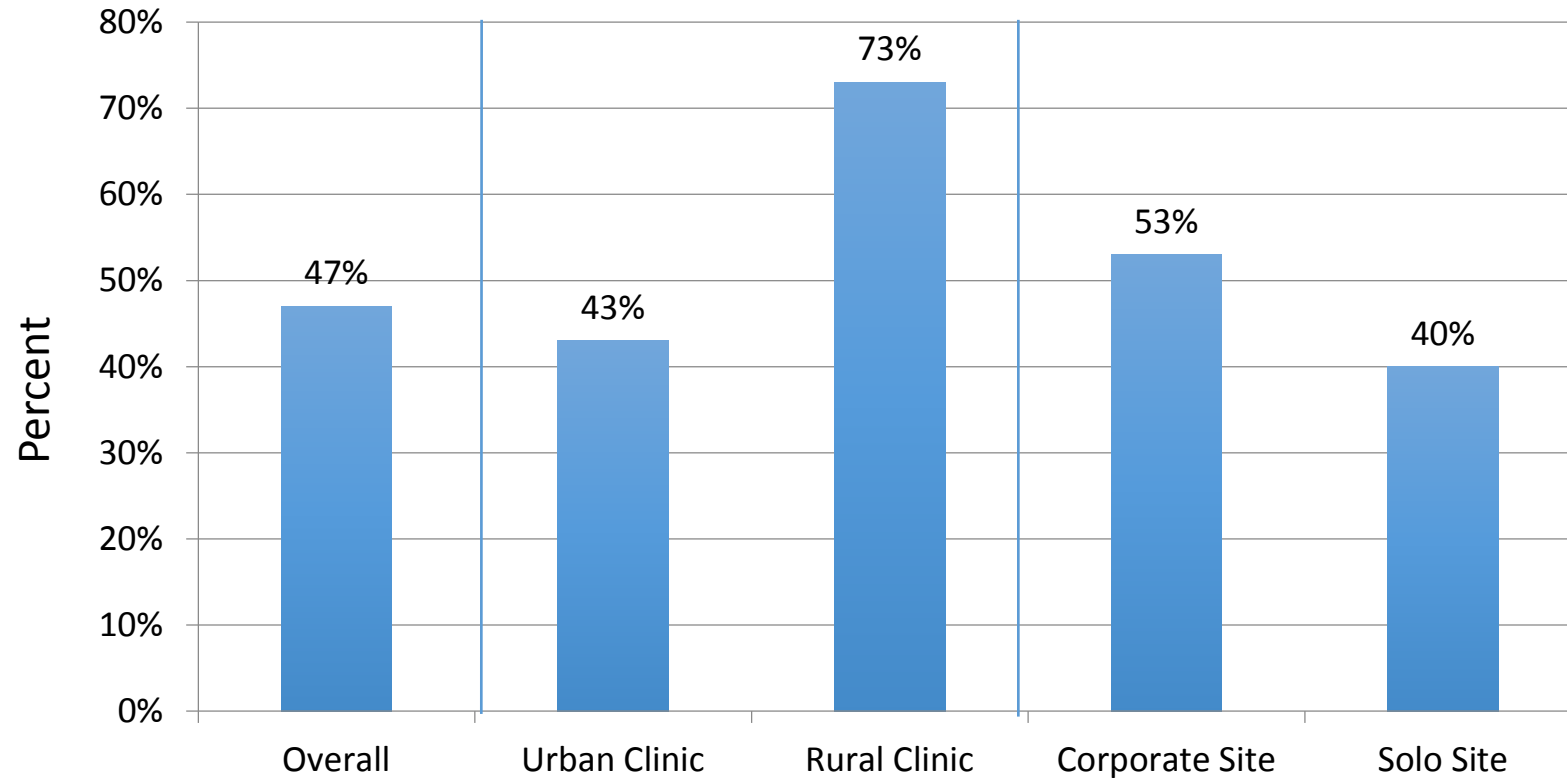
# Core Aspects of HIEs/HIOs/RHIOs

- **Technical Framework for Enabling HIE Activity between Data Silos**
- **Governance Framework for Mediating HIE Activity Among Multiple Stakeholders**
- **Administrative Framework to ensure Organizational Stability**

# Some Common HIE Use Cases

- **Providing care alerts for specific patient panels**
  - Includes distributing hospital discharge summaries
  - Usually patient panels are centered around Medical Homes or identified PCPs
  - Some implementations use technologies like Direct, others might push data directly into EHRs
- **Clinical results delivery**
  - Lab and radiology are the most common
  - Often sent directly to specific EHRs, also driven by patient panels
- **Community longitudinal patient record queries**
  - Often a key use-case for the ED or in ambulatory settings where there are not well-defined medical homes/highly mobile populations are present

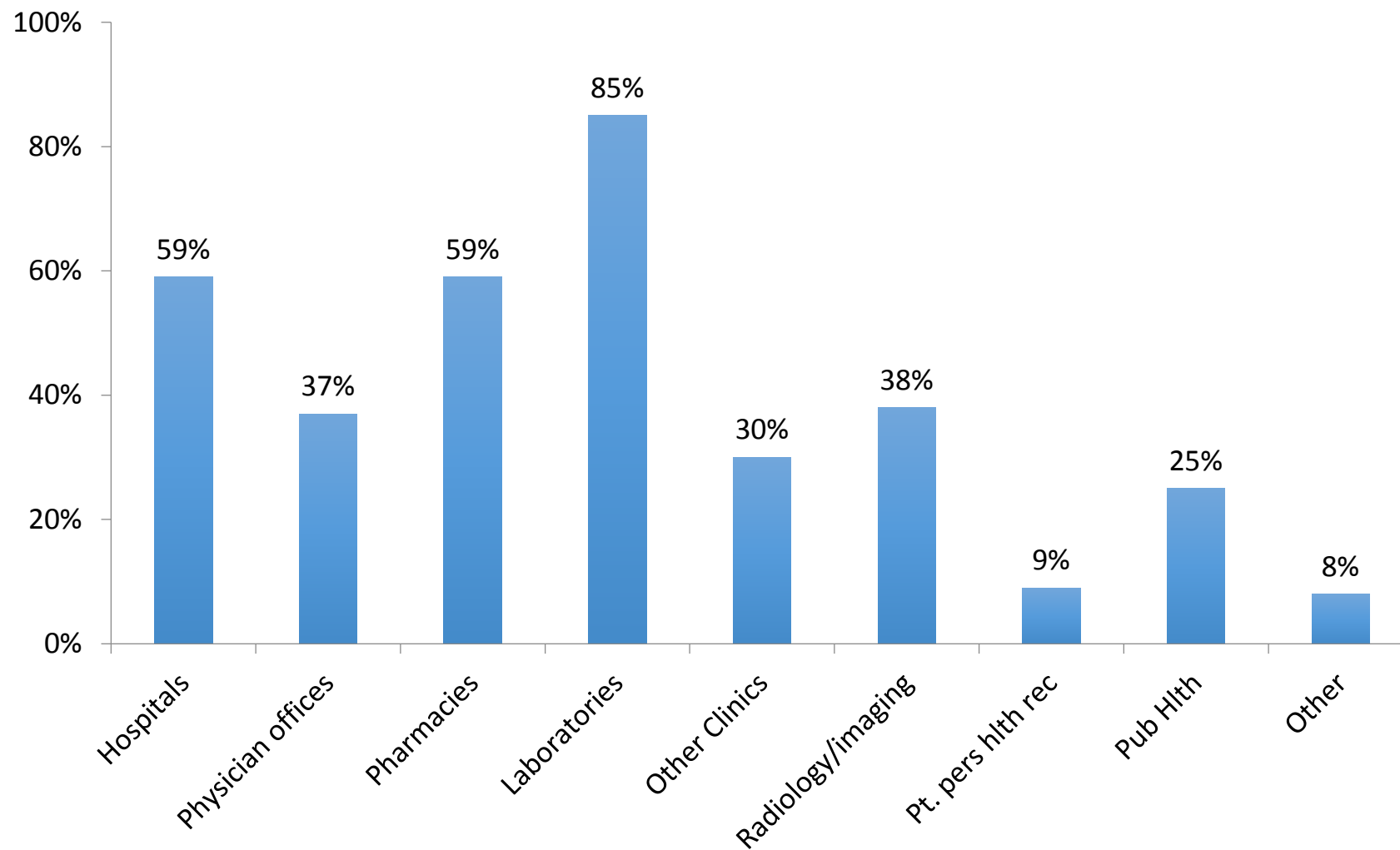
# Health Information Exchange Adoption



## Overall and by Clinic Category

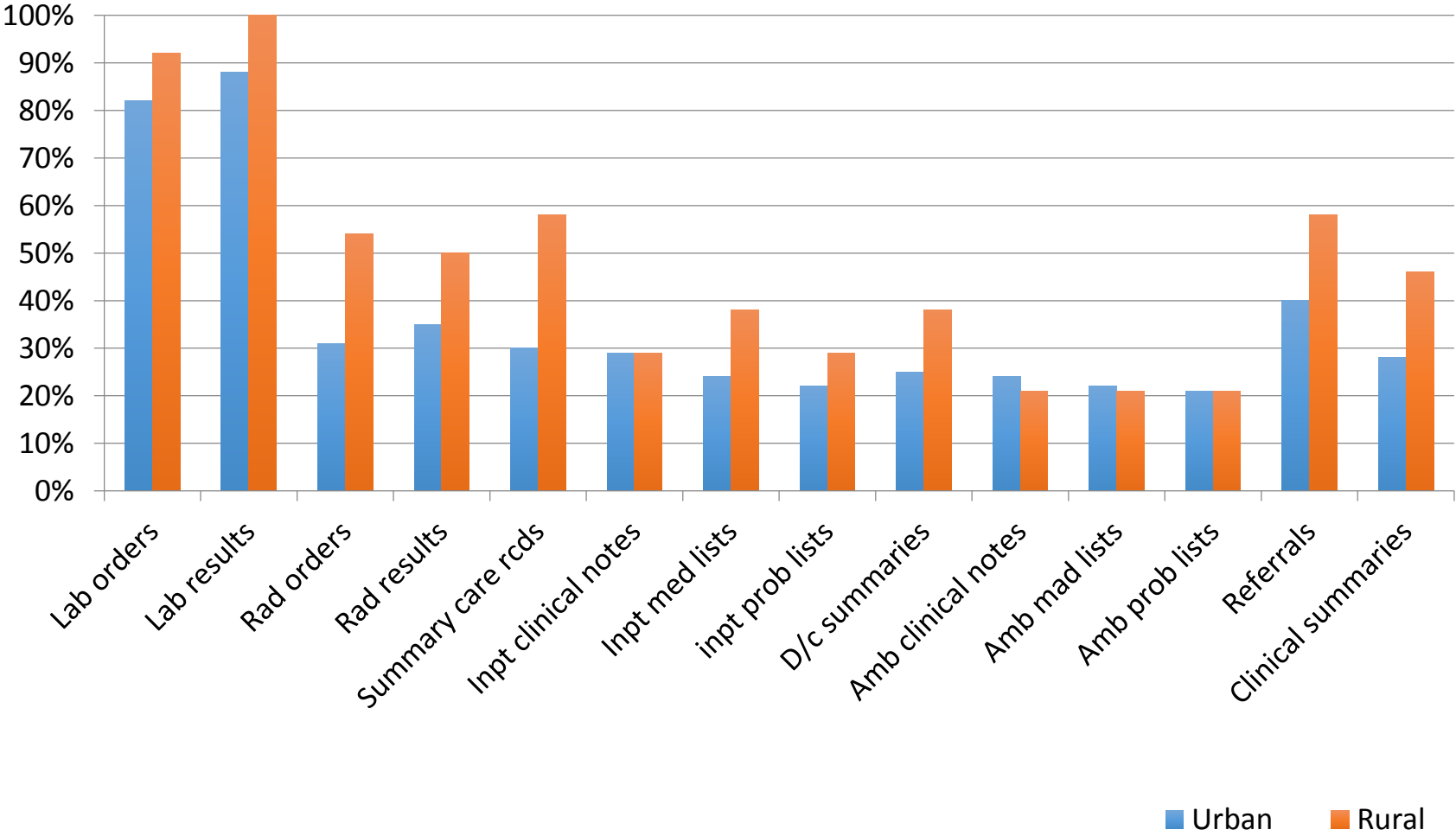
This and the two following slides are drawn from from “Health information exchange among California clinics: results of a statewide survey,” Katherine Kim, San Francisco State, sponsored by CPCA and CHeQ, January 2014.

# Data Exchange Partners





# Types of Data Being Exchanged



# HIE Planning in Merced

# Community Health Information Organizations (HIOs) in California

DECEMBER 2013 SNAPSHOT



**DEFINITIONS**

**COMMUNITY HIOs:** HIOs that organize and govern HIE for a specific set of unaffiliated health care delivery organization participants, often within a geographic medical service area, to enable interoperability and secure electronic sharing of patient health information.

**OPERATIONAL:** These HIOs are transmitting data between participating health care delivery organizations.

**EMERGING:** Not yet transmitting data. HIOs may be getting organized, defining shared visions, goals, and objectives, identifying funding sources and technology vendors, and setting up legal and governance structures.

\*Definitions adapted from the eHealth Initiative (eHI) health information exchange (HIE) maturity schema.

# The Need for HIE In Merced

- Merced (and Stanislaus) are currently HIE “White Spaces”
- Safety-Net Provider Organizations are Rarely Included in Enterprise HIOs
- Meaningful Use, PCMH, and other QI programs are putting increasing pressure on these providers to participate in HIE
- Provider organizations in the region stretch over a wide geography, and patient traffic across the region and between organizations is highly fluid

# The HIE Planning Process

- Two community meetings on HIE have been held to-date, with multiple provider organizations, payors, and county representatives attending
- Initial core use-cases for a Merced County HIE have been identified
- An HIE Mission has been articulated
- An HIE Steering Committee has been identified to draft a community HIE plan by the end of Q1, 2016

# Merced HIE Mission (Draft)

- Decrease emergency department recidivism;
- Increase medication compliance;
- Provide more integrated care coordination;
- Enable comprehensive data sharing between behavioral health and physical health providers;
- Increase efficiency by reducing the need for chart review and through collective electronic quality measure reporting in support of quality improvement initiatives;
- Enable population health data analytics in support of public health and more integrated care management.

# Contact Information

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