



CALIFORNIA
HEALTHCARE
FOUNDATION

Health IT Overview

HITECH and Implications for California

Testimony of Jonah Frohlich, Senior Program Officer
California HealthCare Foundation
Senate Health Committee Hearing
March 13, 2009

Health Care as a Cottage Industry



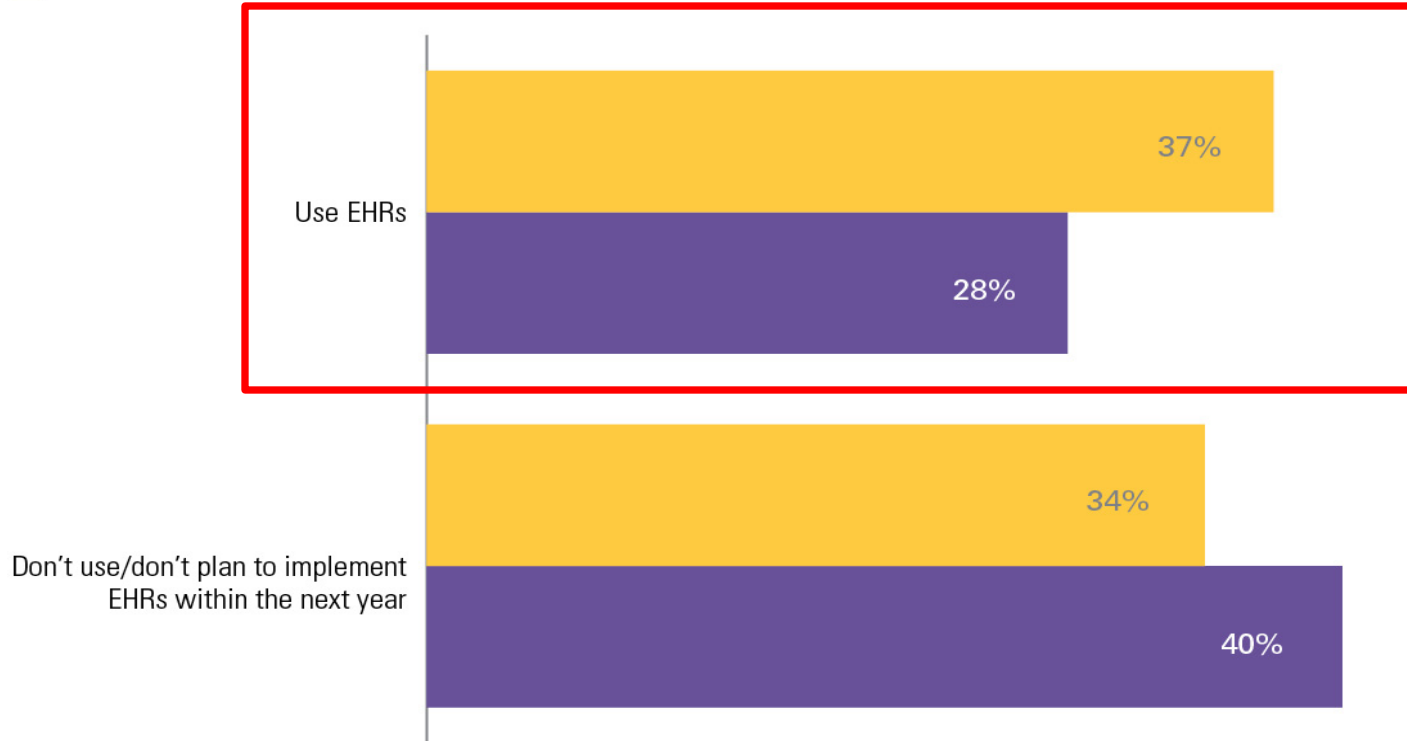
Vendor Landscape

- ABELSoft n
- Allscripts
- Benchmark Systems
- CareData Solutions
- Cerner
- Community Service
- Conceptual MindWorks
- digiChart
- Doctations
- eCast
- eClinicalWorks
- e-MDs
- Eclipsys
- EHS
- Epic
- GE Healthcare
- gloStream
- gMed
- Greenway Medical Technologies
- Healthland
- HealthPort
- HIT Services Group
- iMedica
- Indiana Health Services
- LSS Data Systems
- McKesson
- MedAppz
- MedcomSoft
- MediNotes
- NextGen
- Nuance
- Open Systems
- Open Health Foundation
- PracticeOne
- Purkinje
- Sage
- SOAPware
- SRSsoft
- SSIMED
- STI Computer Services
- TransMed Network
- Wellogic

Over 90 EHR vendors offer independently certified systems

Individual Physician Use of Electronic Health Records, California vs. U.S., 2007

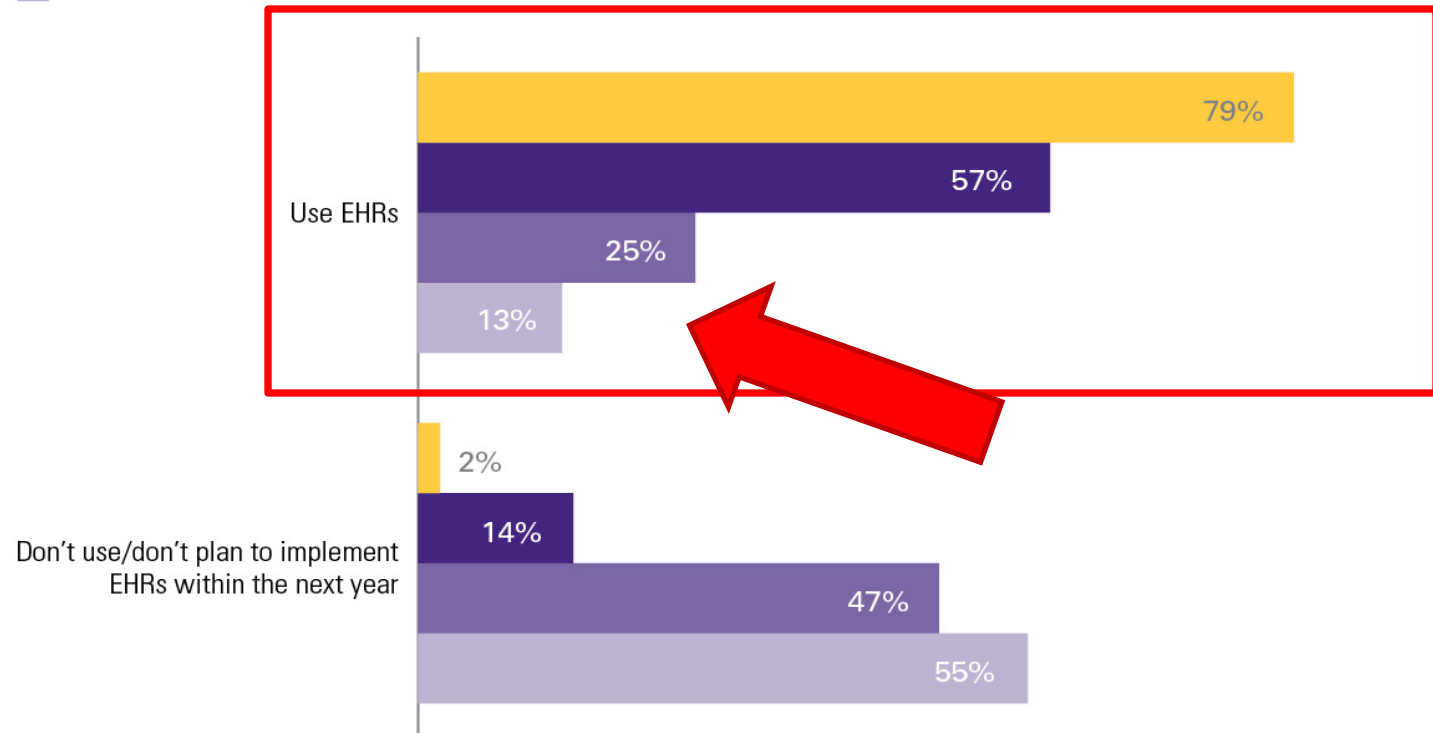
California
U.S.



Source: *Health Perspectives in California. 2007 Survey of Primary Care Physicians.* Harris Interactive. June 2007.

Physician Use of EHRs, by Practice Size, California, 2007

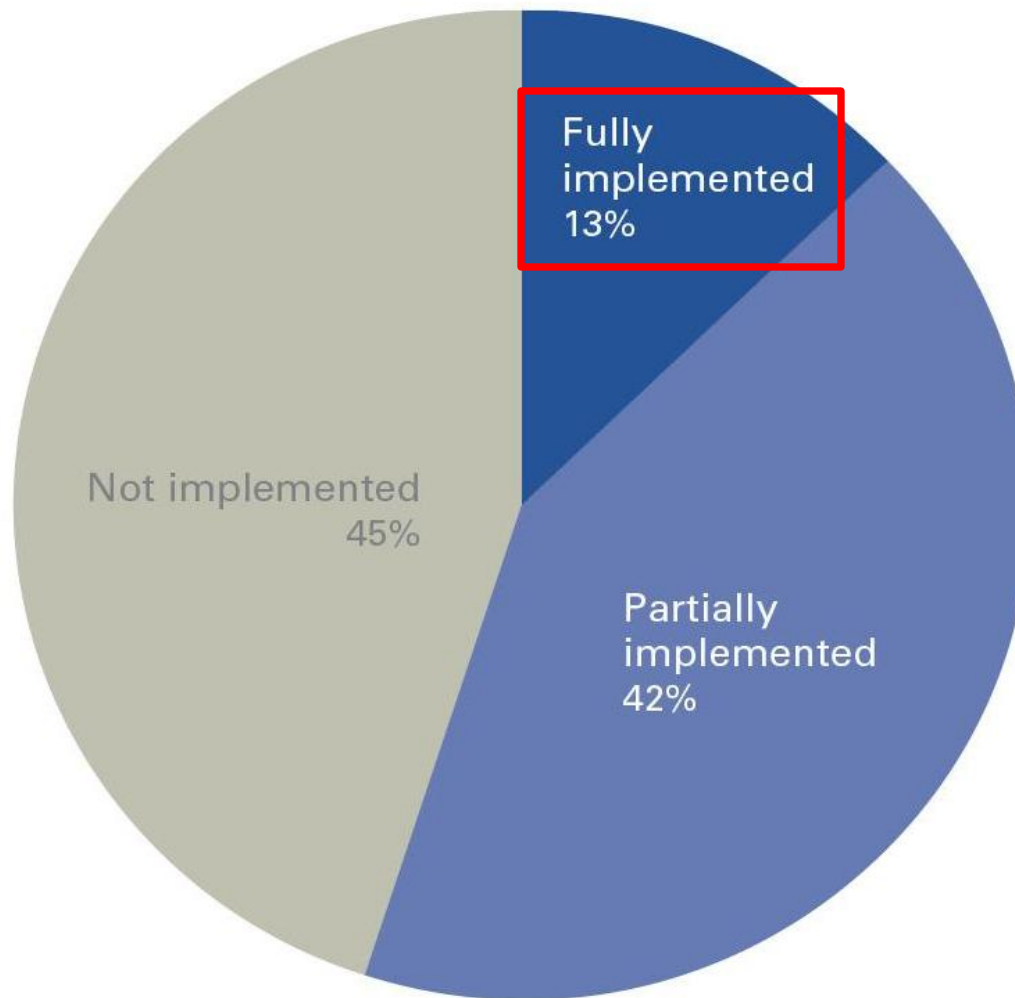
- Kaiser
- Large Practice
- Small/Medium Practice
- Solo Practitioner



Notes: Large practice is 10 or more physicians; small/medium practice is 2 to 9 physicians (excluding Kaiser).

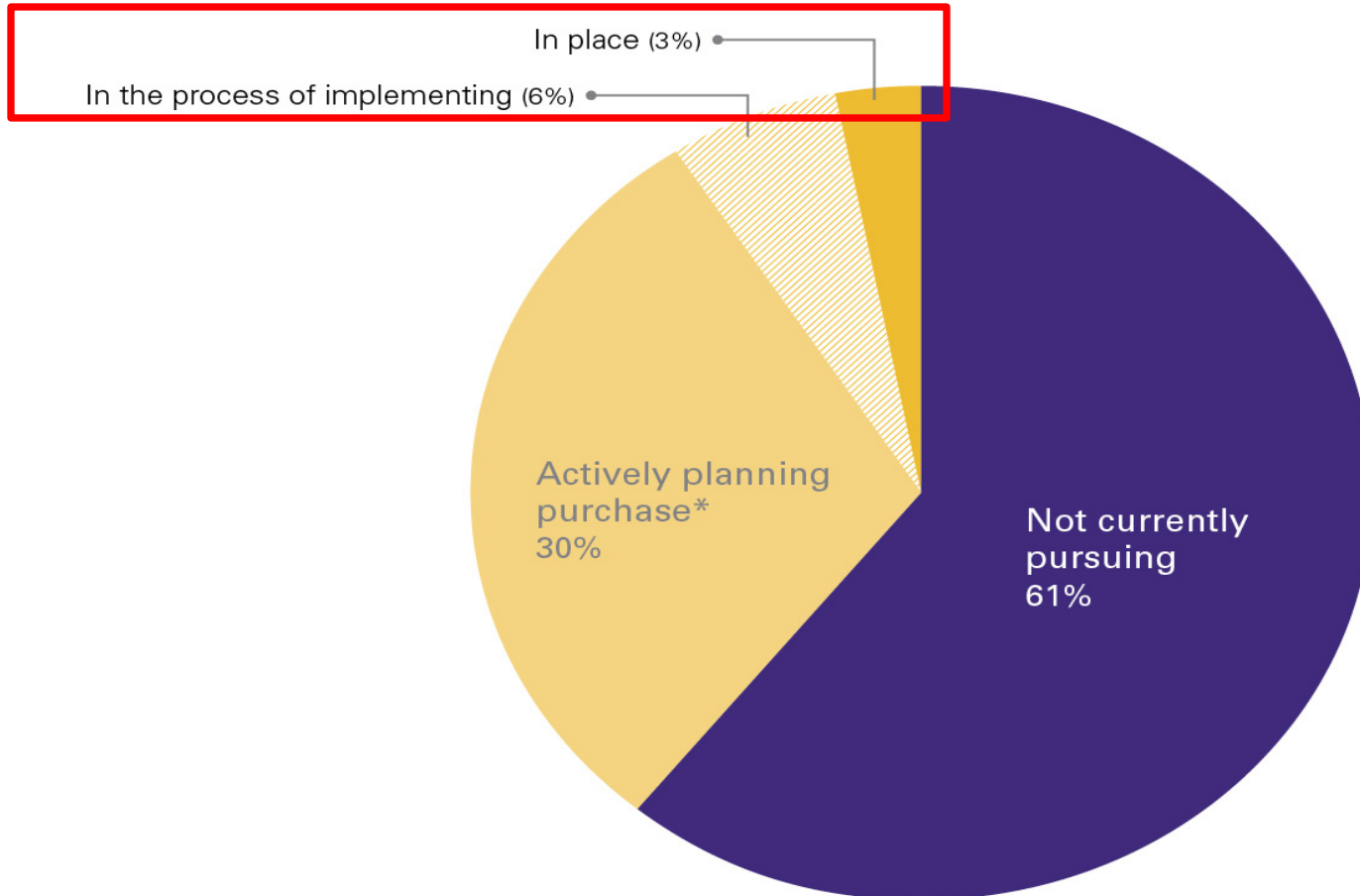
Source: *Health Perspectives in California. 2007 Survey of Primary Care Physicians.* Harris Interactive. June 2007.

Use of EHRs at Hospitals, California, 2006/2007



Source: American Hospital Association and California Hospital Association Health Information Technology Surveys. 2006/2007.

Use of EHRs at Community Clinics, California, 2005

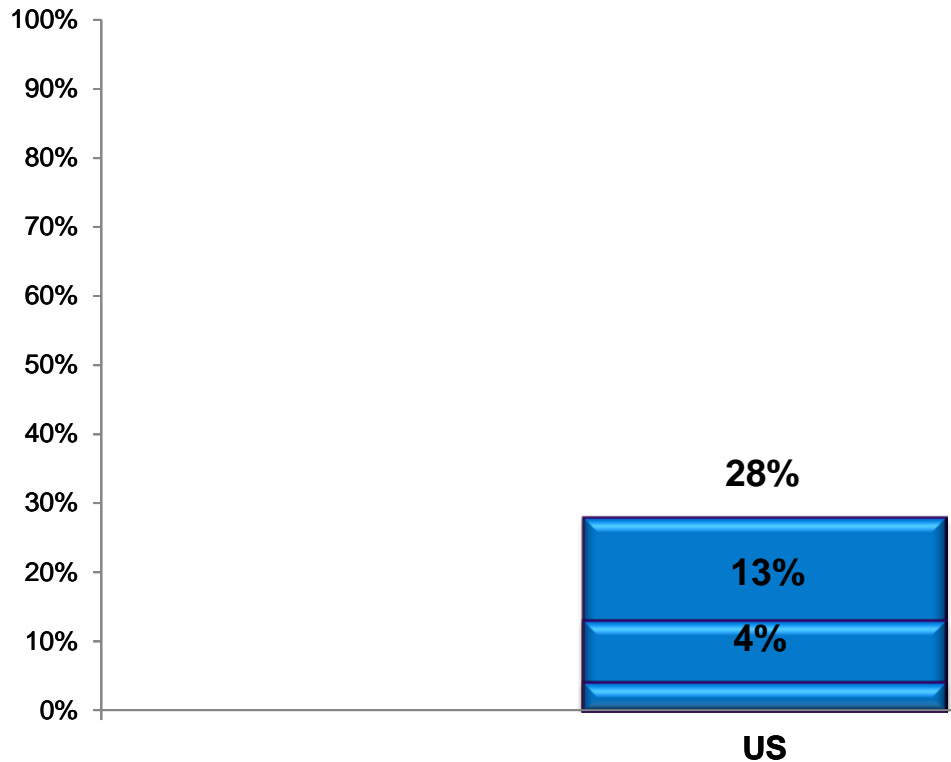


*E.g., has an operating EHR planning committee, is writing a request for proposals (RFP) from EHR vendors, or has issued an RFP.

Source: 2005 Information Management Assessment. Medical Director Survey. Community Clinics Initiative.

“Meaningful Use” of Ambulatory EHRs in the US

Percent



- New England Journal of Medicine, Catherine M. DesRoches et al, July 3, 2008

Survey Response	Fully Functional System
Does your main practice site have a computerized system for any of the following?	
Health information and data	
Patient demographics	X
Patient problem lists	X
Electronic lists of medications taken by patients	X
Clinical notes	X
Notes including medical history and follow-up	X
Order-entry management	
Orders for prescriptions	X
Orders for laboratory tests	X
Orders for radiology tests	X
Prescriptions sent electronically	X
Orders sent electronically	X
Results management	
Viewing laboratory results	X
Viewing imaging results	X
Electronic images returned	X
Clinical-decision support	
Warnings of drug interactions or contraindications provided	X
Out-of-range test levels highlighted	X
Reminders regarding guideline-based interventions or screening	X

Implementation Challenges

- EHRs are expensive to implement
- Standards are not yet entrenched to allow for easy information exchange
- Small practices, clinics and hospitals need support to:
 - Negotiate contracts
 - Implement the technology and interfaces
 - Confront the reality of using a complex technology everyday