

What is HIE? a Federal and State Perspective

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Health Information Exchange (HIE) Defined

The movement of data between health information systems for the purposes of:



Patient
Communication



Provider
Communication

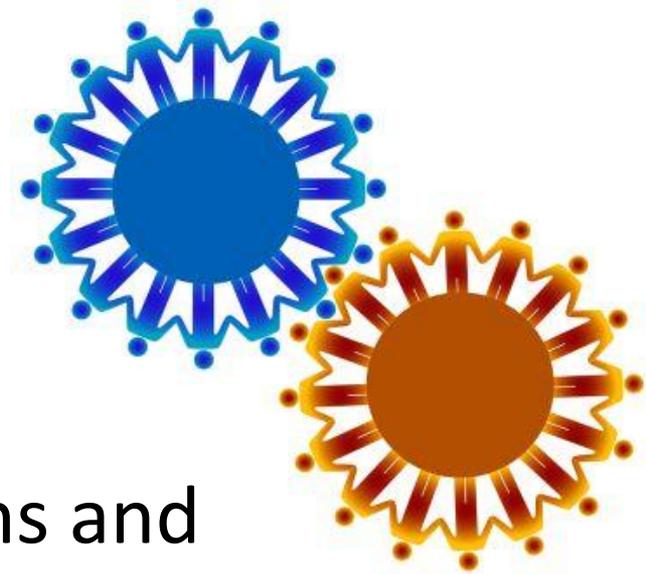


State
Communication

Health Information Exchange (HIE) vs Health Information Organization (HIO)

- Health information exchange describes an *action*
 - Provider orders a lab test
 - Lab result is delivered to Provider
 - Provider tells the patient the results
- Health information organization describes a business entity that operates the technology that supports the action(s)
 - Coordinates the different systems that collect and send information

Interoperability...



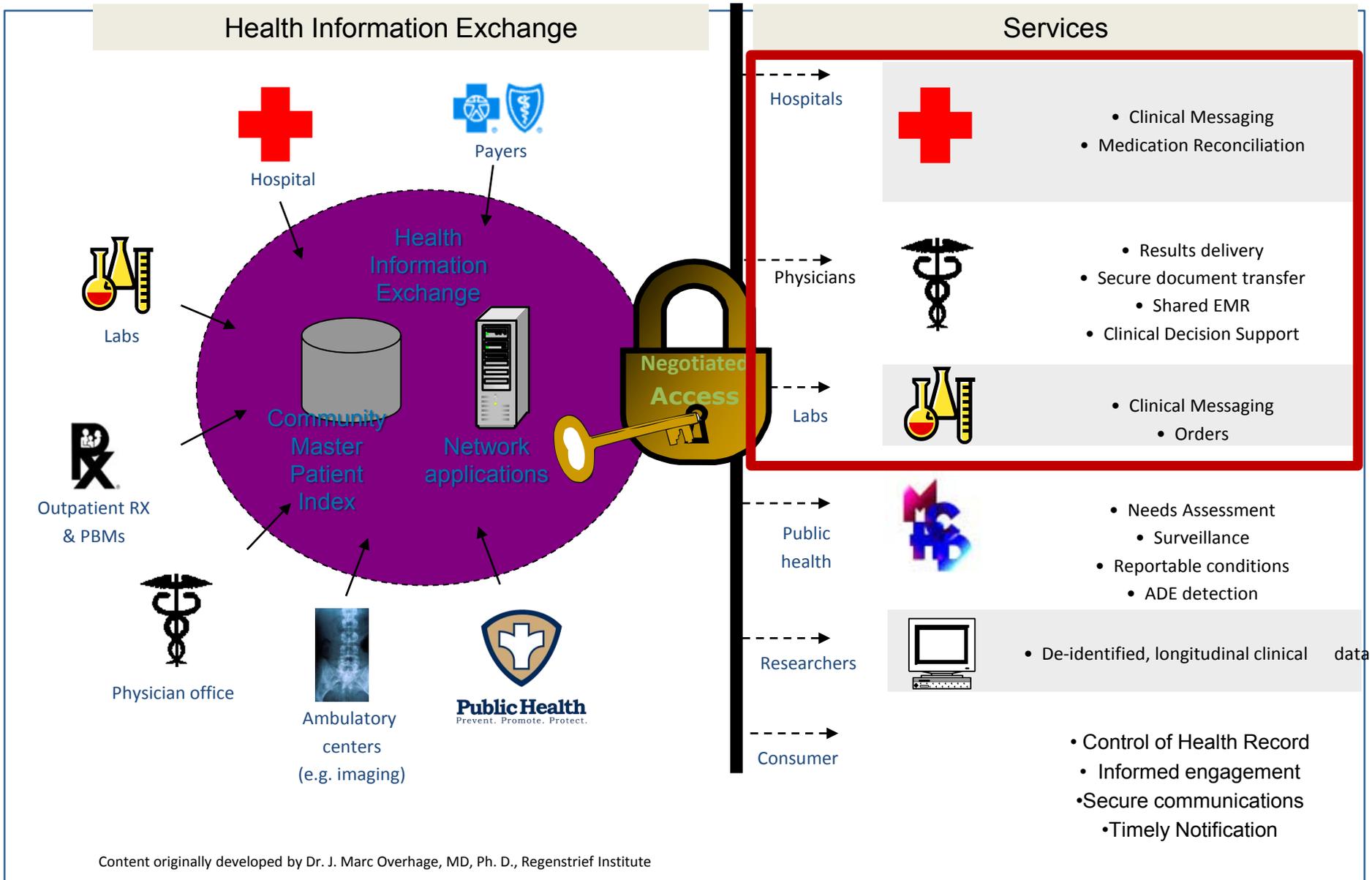
- ...Is the ability of diverse systems and organizations to work together (inter-operate).
- Health Interoperability
 - HIO runs technology and policies to move data
 - HIE moves data on request or per automated rules
 - Providers can concentrate on developing care plans
 - Patients are freed from managing paper records

So... Why is Interoperability Hard?

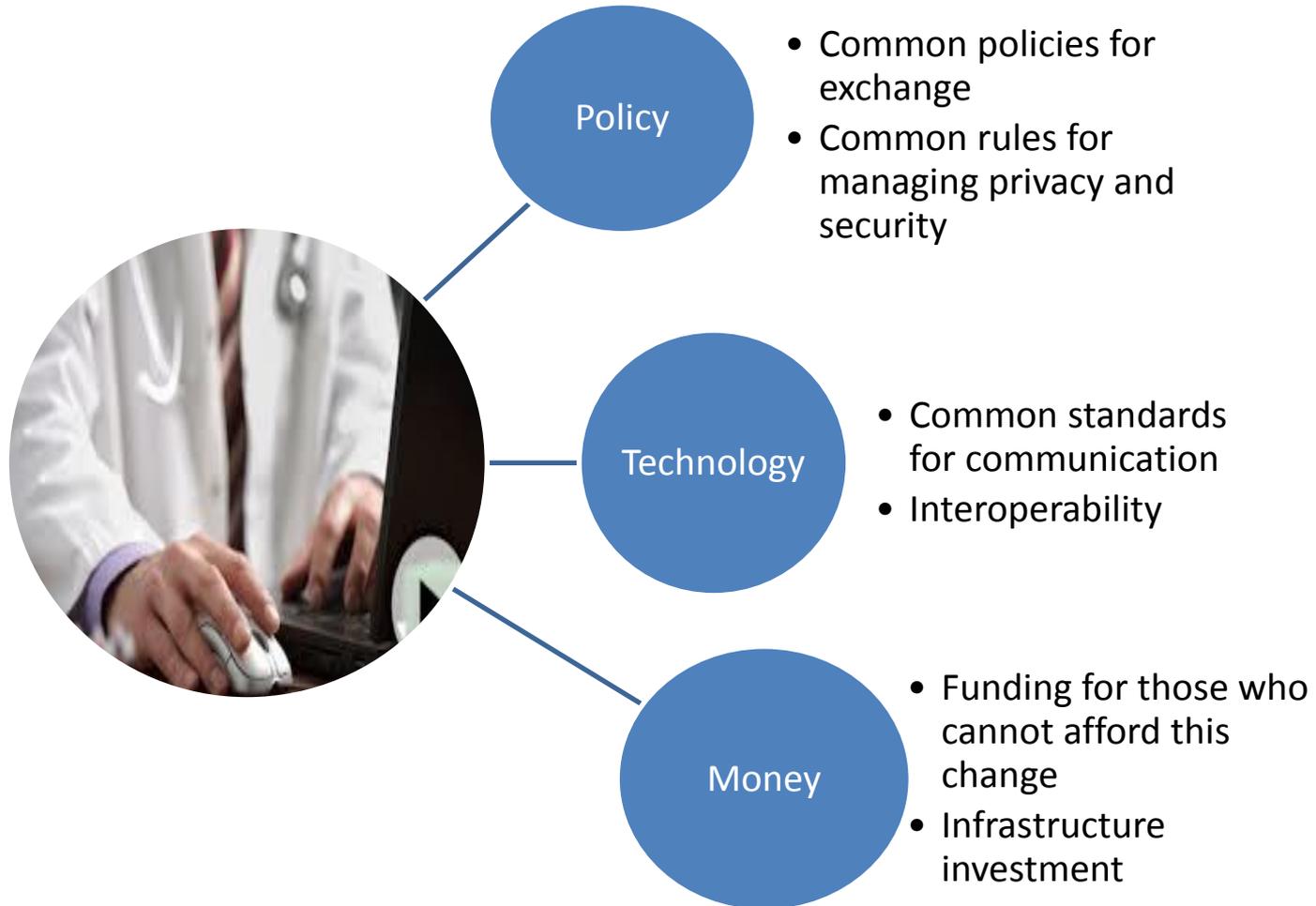
- Healthcare standards are problematic
 - A lot of “options”.
- Imagine if your laptop did not plug into the power outlet at the airport, and you needed an adapter for every hotel chain in the world



Health Information Exchange



Health Information Exchange Requirements for California



(Another) Call to Action



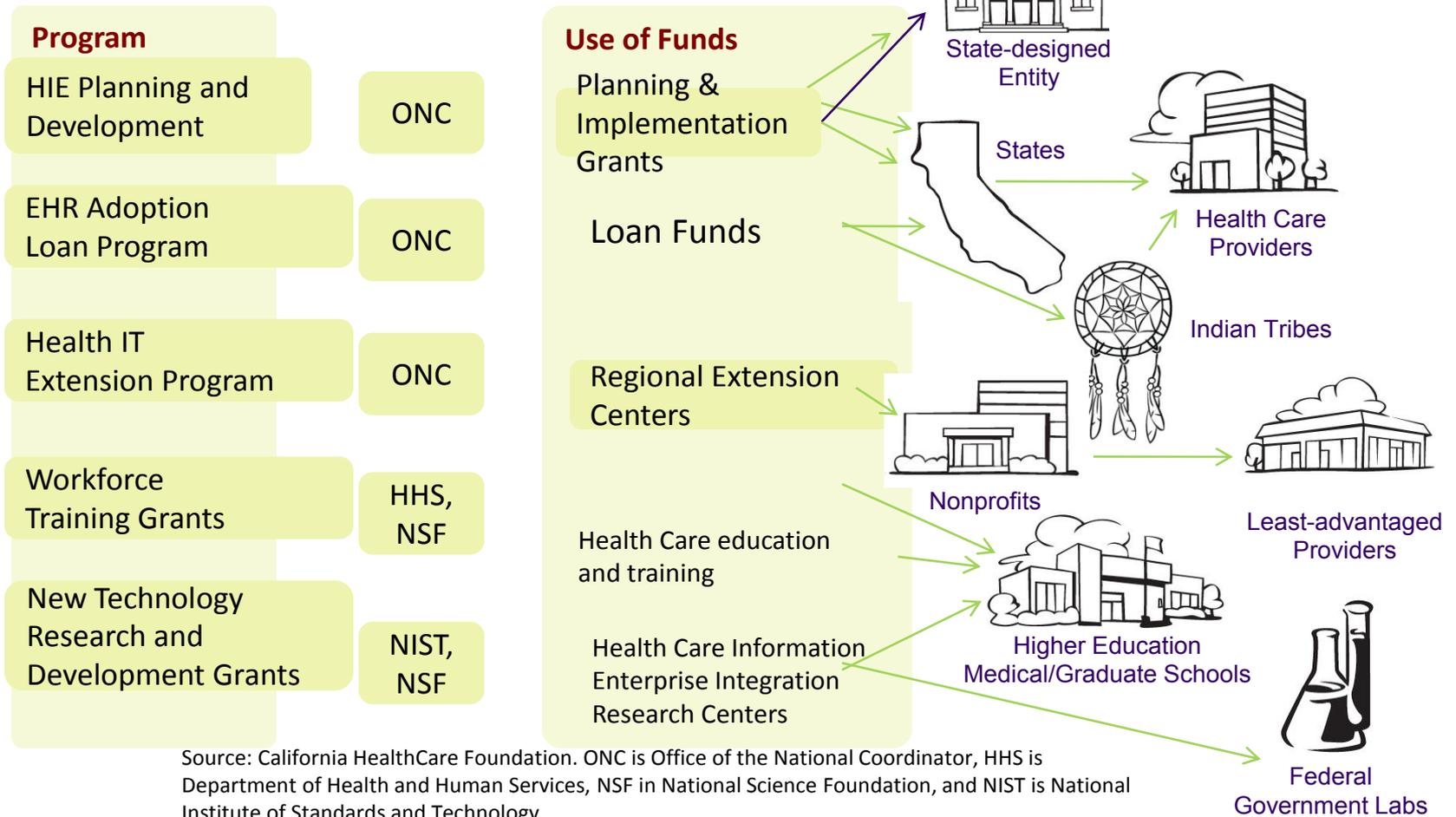
“We’ll be on our way to computerizing all of America’s medical records, which won’t just eliminate inefficiencies, save billions of dollars, and create tens of thousands of jobs – but will save lives by reducing deadly medical errors.”

– President Barack Obama
February 4, 2009

Stimulus Funds from 2009 American Recovery and Reinvestment Act

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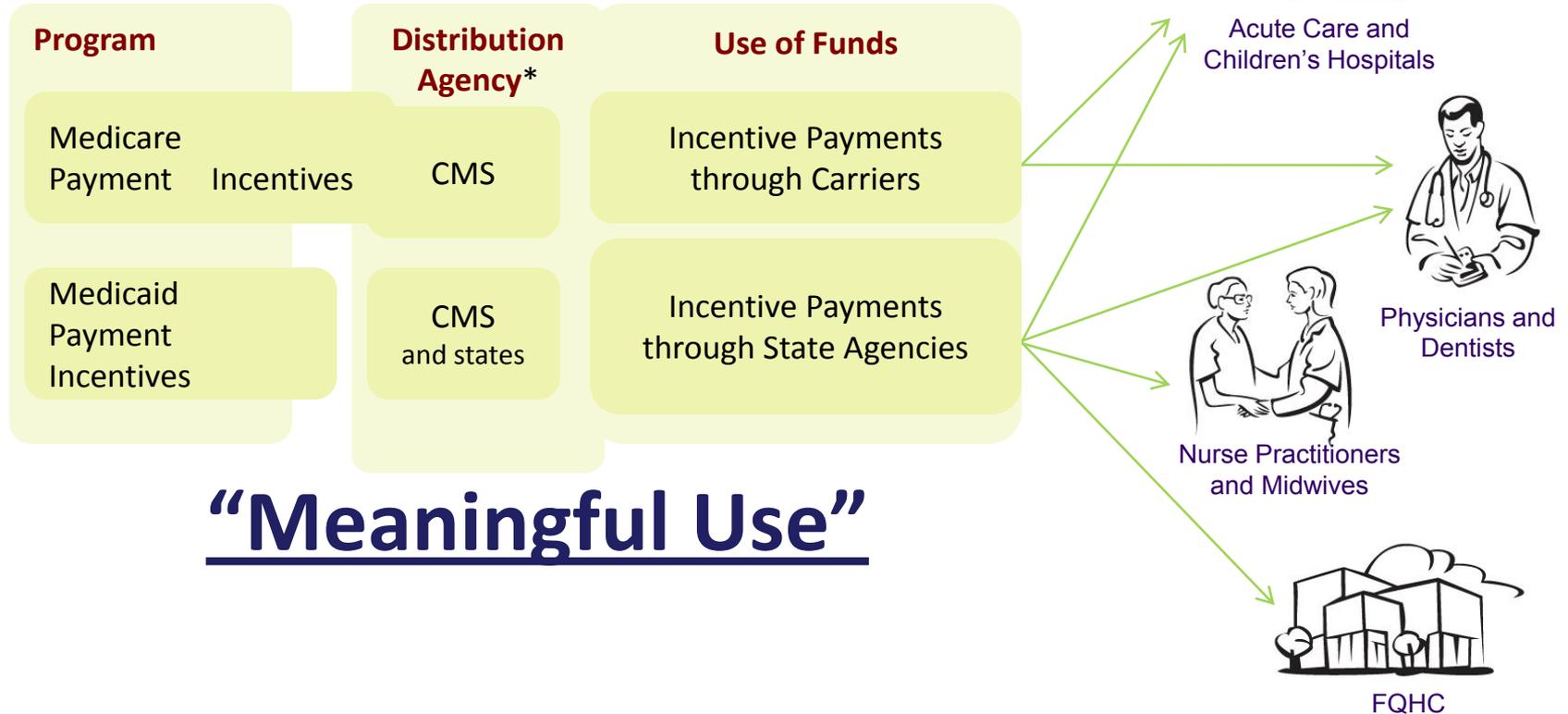
Appropriated Funds (\$2 billion in gross outlays)



Source: California HealthCare Foundation. ONC is Office of the National Coordinator, HHS is Department of Health and Human Services, NSF in National Science Foundation, and NIST is National Institute of Standards and Technology.

Funding Flows for – Medicare/Caid

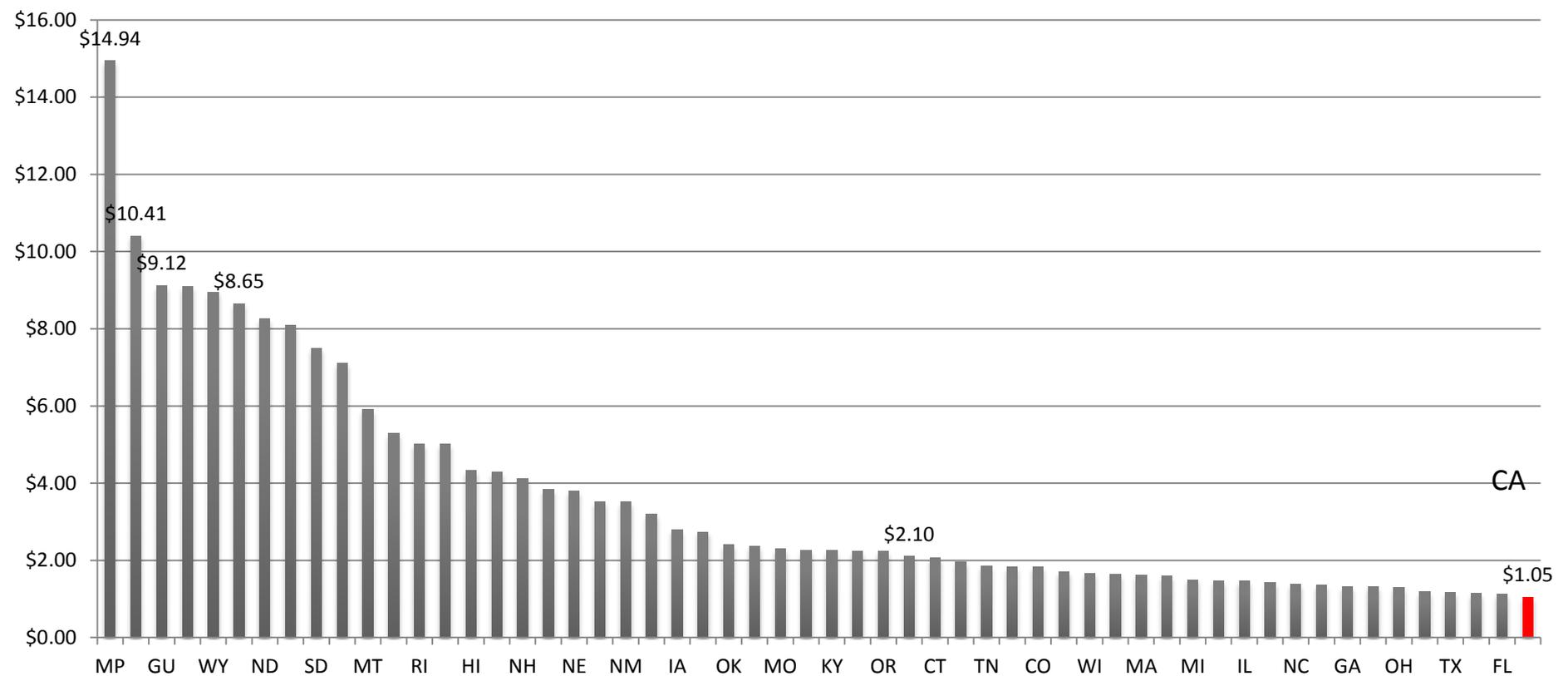
Entitlement Funds (\$34 billion in gross outlays)



Source: California HealthCare Foundation, 2009
 CMS is Center for Medicare and Medicaid Services,

Stimulus \$ for HIE in CA - \$38M

HIE \$ per Capita



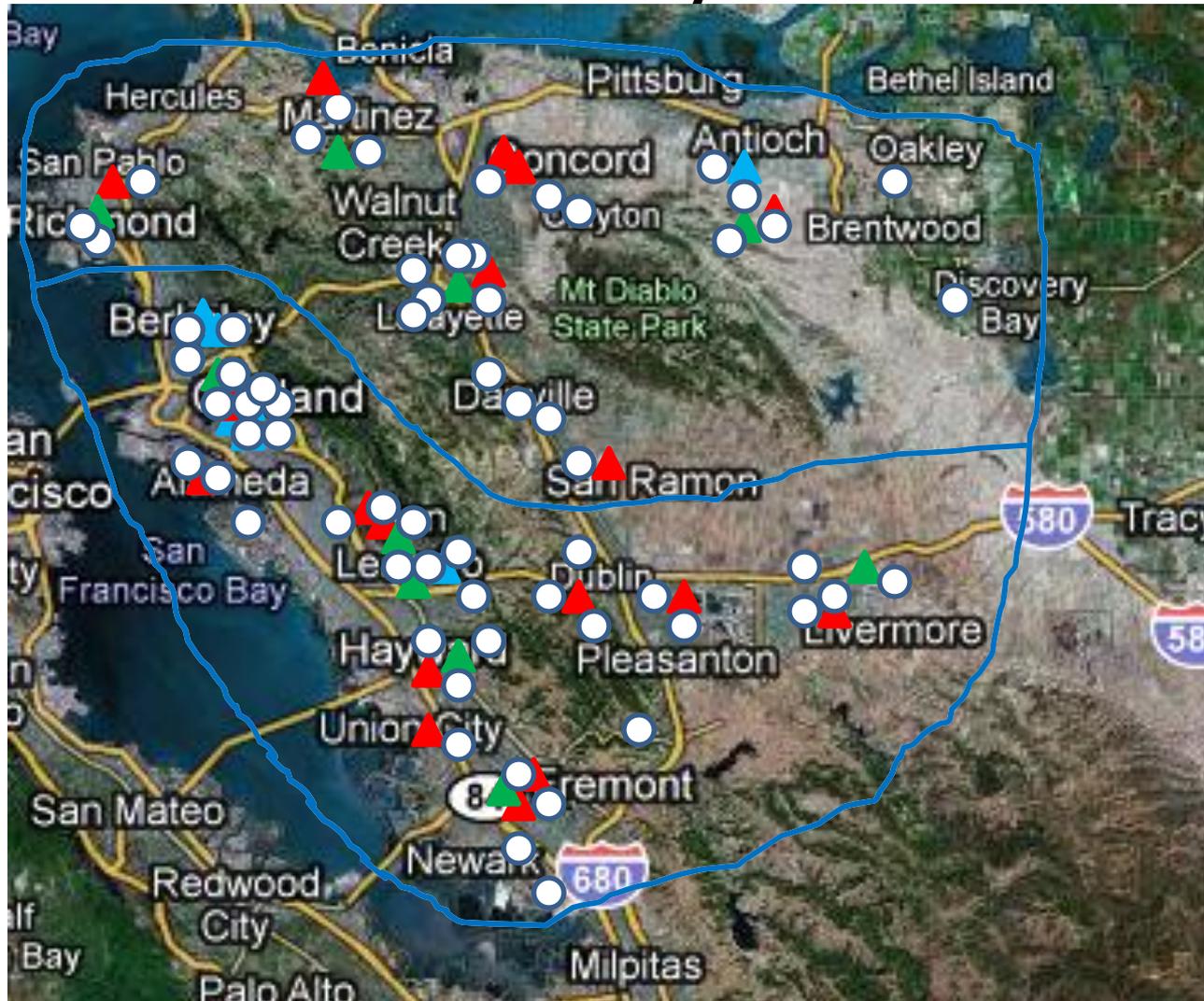
<http://healthit.hhs.gov/portal> and <http://www.census.gov/popest/states/> Respectively

Self-projected HIO locations by end of 2013



So... Why create HIE for Alameda County?

- ▲ Sutter
- ▲ Kaiser
- ▲ Other Hospitals
- Other Phy Ofc



Securely Sharing Health Information Electronically is

- a matter of life and death
- not really easy (ok, it is hard)
- critical to bringing health care into the 20th century
- happening at every level of care delivery in our County!



**FOR FURTHER INFORMATION
PLEASE CONTACT:**

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