



## U.S. Health IT Fun Facts

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President & CEO  
HIMSS Analytics***

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## What's the Big Deal?

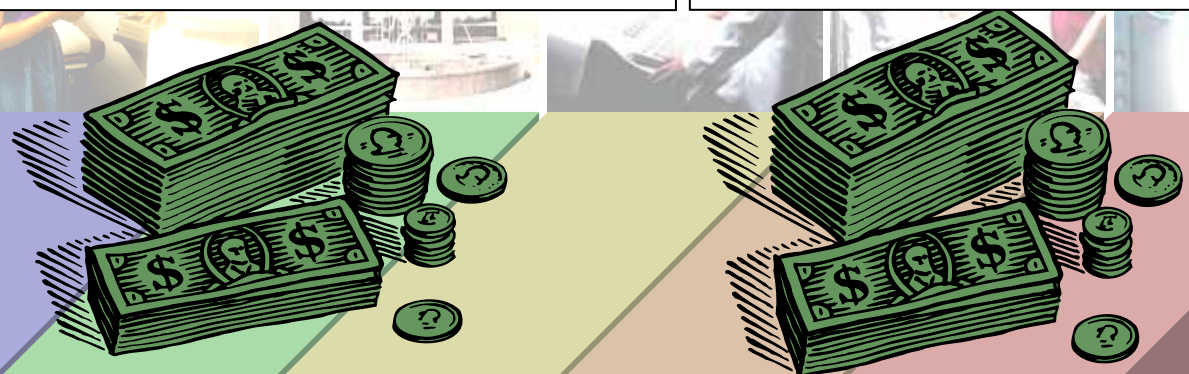
- JAMA study of 1,614 charts found that missing information could, 44% of the time, adversely impact patient's well-being.
- Institute for Safe Medication Practices found that pharmacists make over 150M calls to physicians for clarification of illegible prescriptions/year and e-prescribing can reduce follow-up calls between pharmacists and doctors by over 50%.
- Rand study found that patients receive appropriate care only 55% of the time.
- Preventable healthcare-acquired infections cost \$4.5B/year and contribute to over 88,000 deaths.
- CDC reports that U.S. patients are prescribed improper medications in about 1 out of every 12 physician visits and that 16.7M elderly patient visits to physicians result in Rx errors yearly.

# Macro-economic View

## Total U.S. Healthcare Expenditures

**\$578 Billion**  
**8.6% growth**

**\$518 Billion**  
**6.4% growth**



\*Includes physician services  
\$339 Billion, 6.6% growth, plus  
prescription drugs/equipment  
\$237 Billion, 11.5% growth

**Small  
Physician  
Offices**

**Large  
Group  
Practices**

**Hospital  
Outpatient  
Departments**

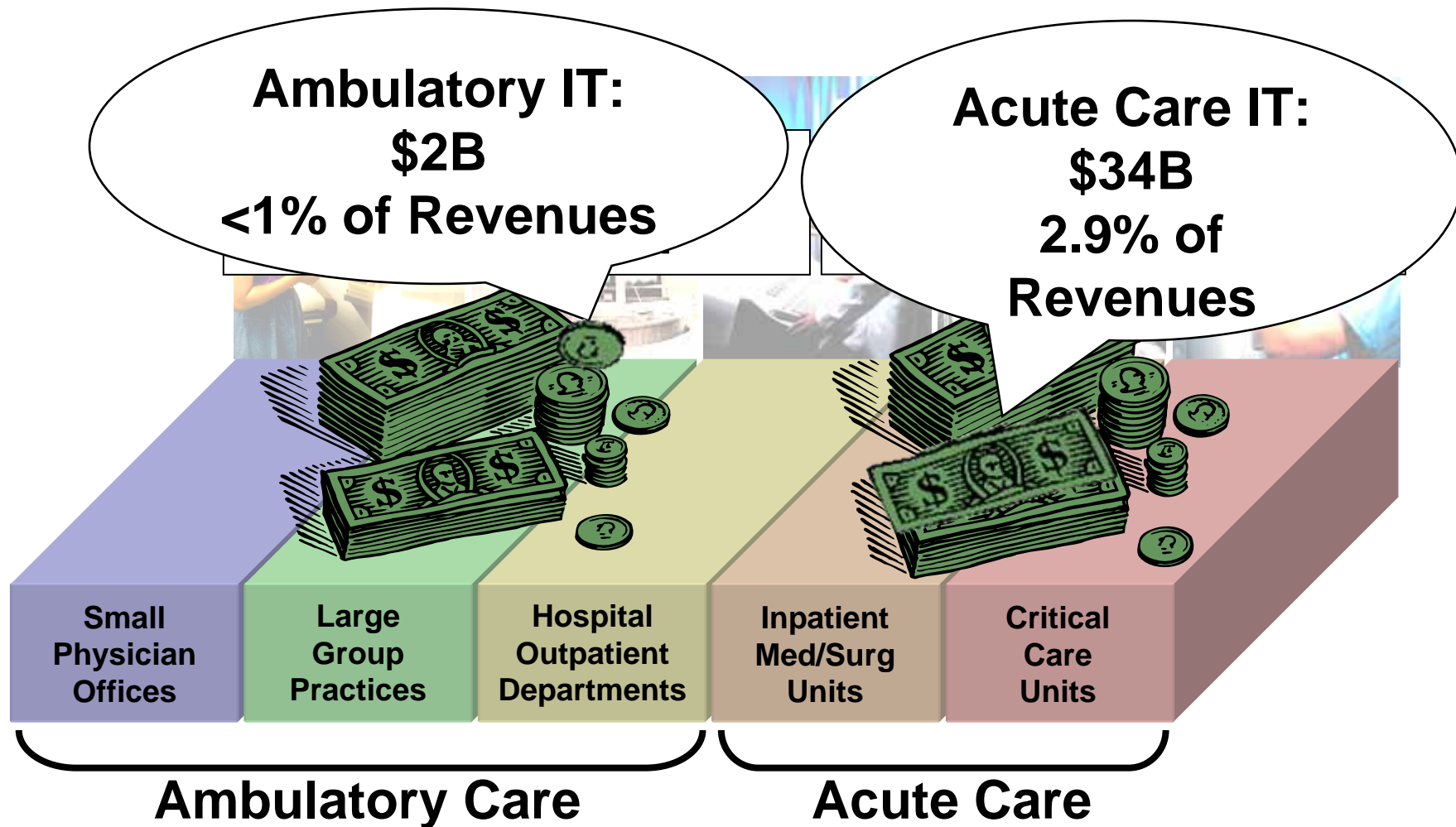
**Inpatient  
Med/Surg  
Units**

**Critical  
Care  
Units**

**Ambulatory Care**

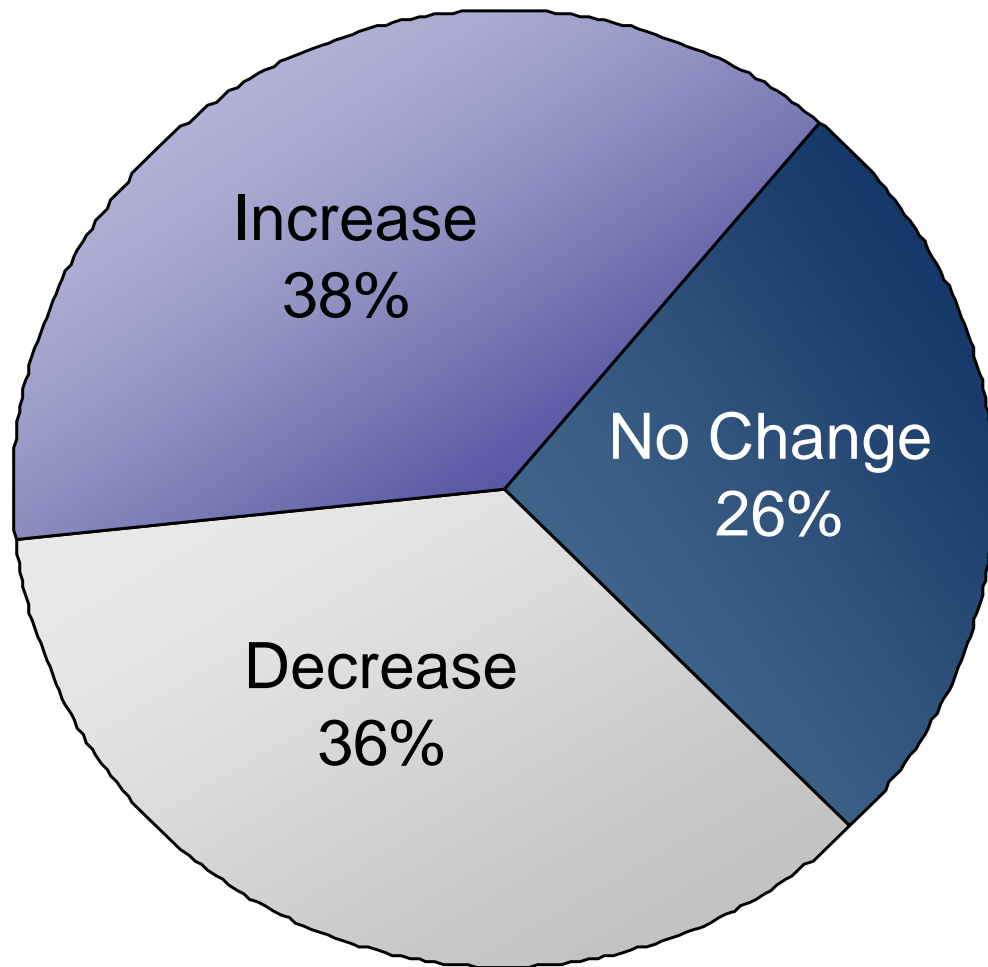
**Acute Care**

# U.S. Healthcare IT Investment



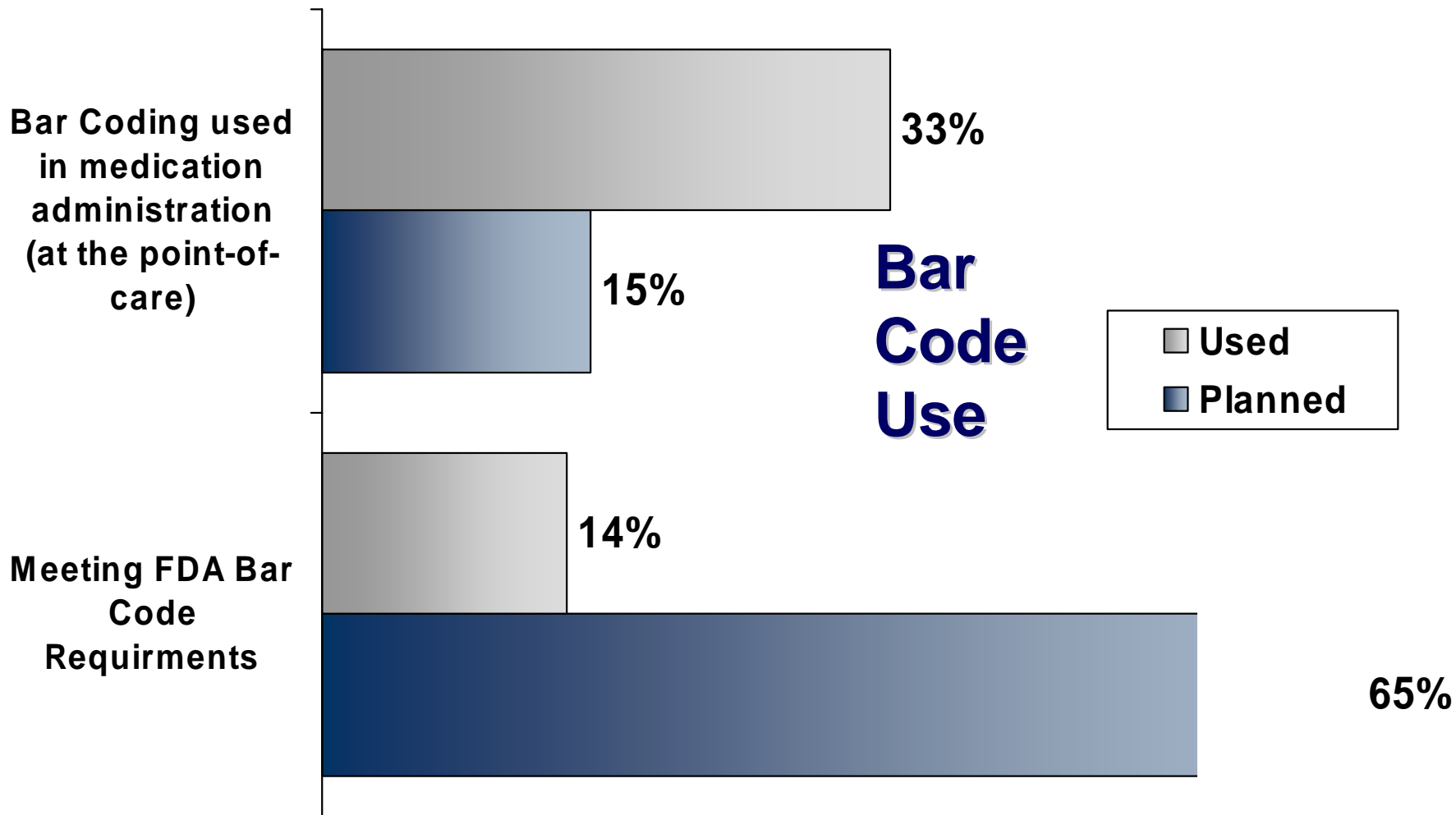


# Trends: IT Budgets are ... a wash

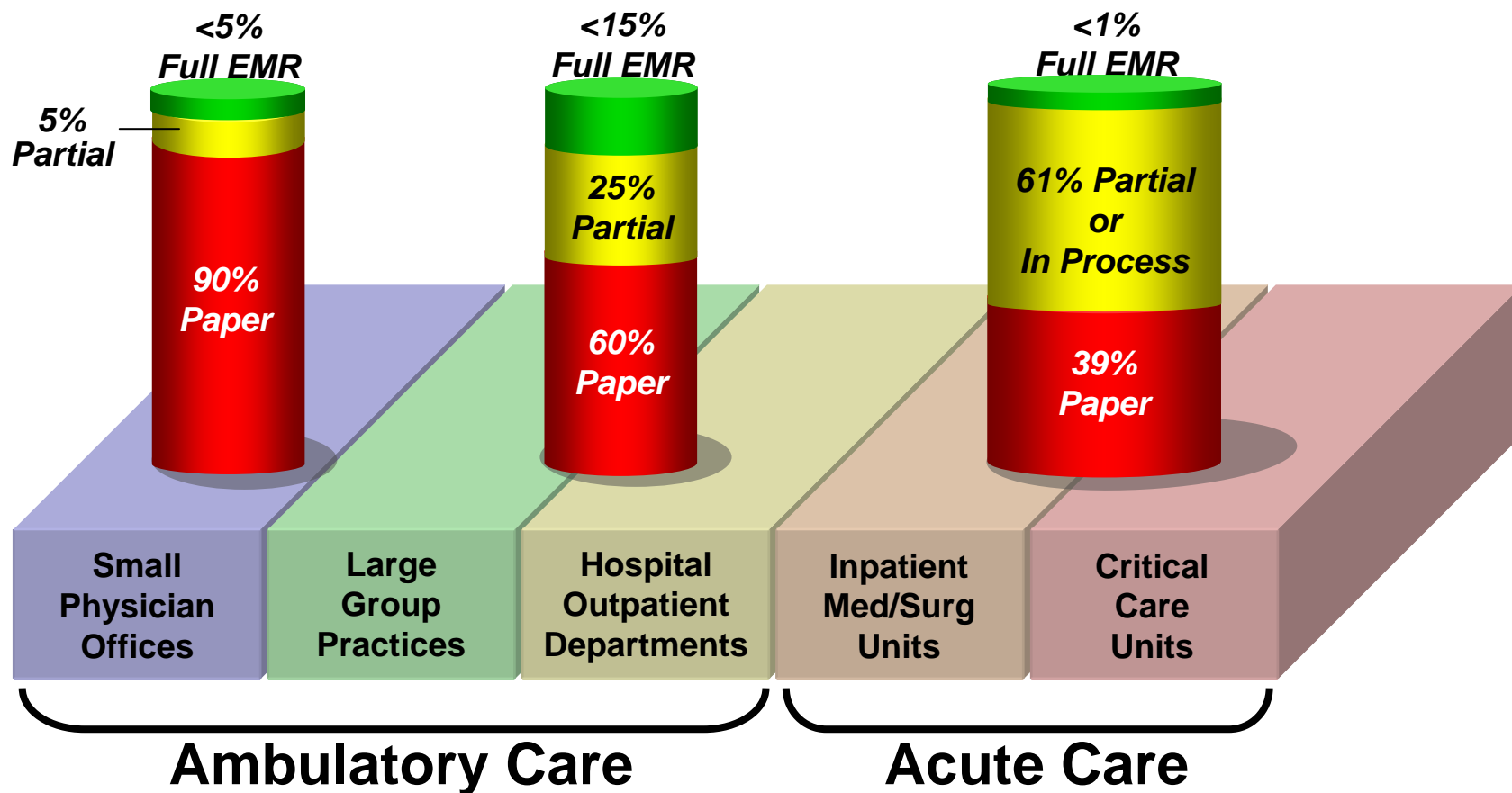




# Trends: Bar Coding — Three Decades After Safeway



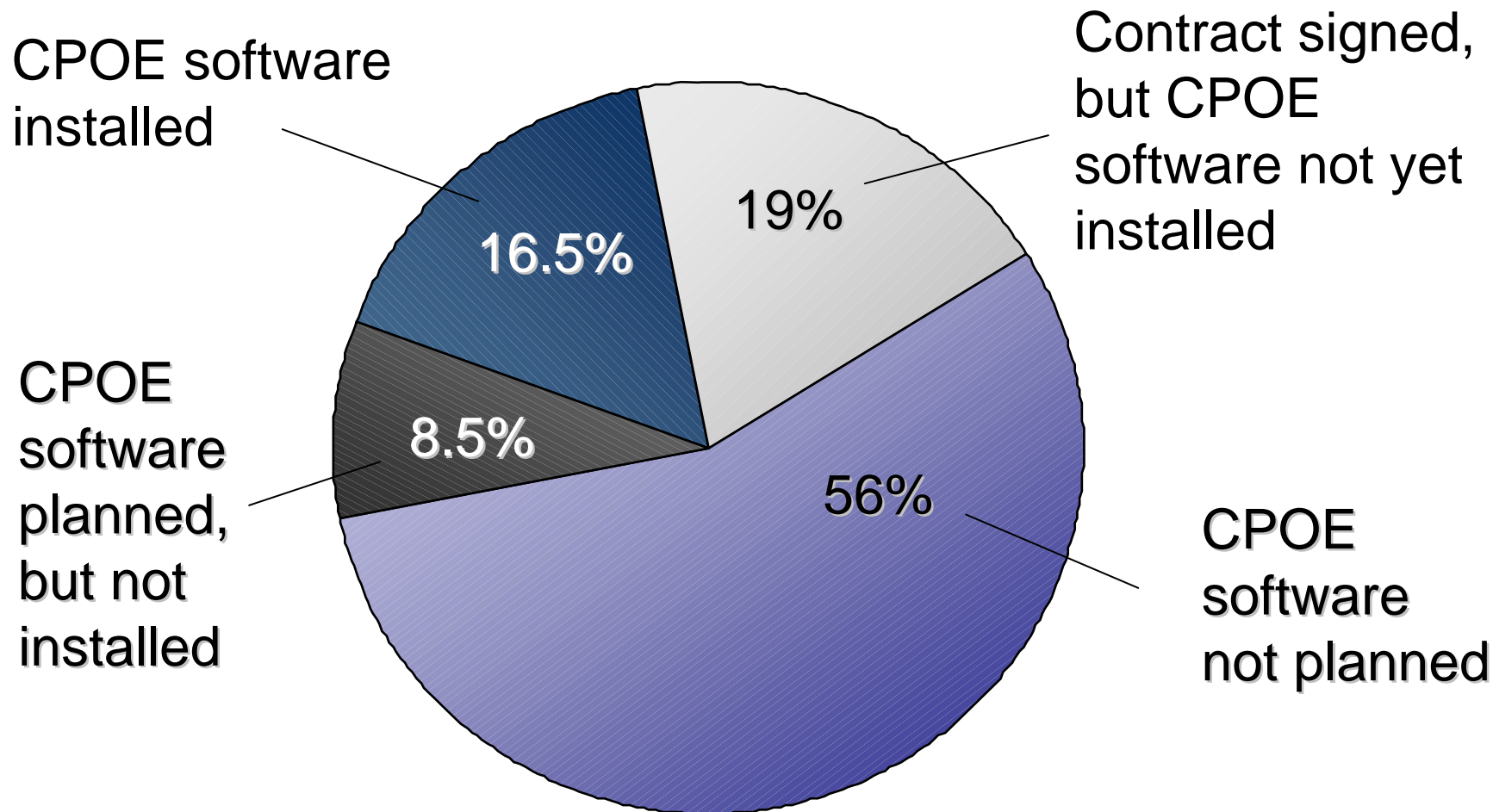
# State of EXR Adoption



# EXR Adoption Model V3

		% of US Hospitals
Stage 7	Medical record fully electronic; CDO able to contribute to EHR as byproduct of EMR	0.0%
Stage 6	Physician documentation (structured templates), full CDSS (variance & compliance), full PACS	0.1%
Stage 5	Closed loop medication administration	0.5%
Stage 4	CPOE, CDSS (clinical protocols)	1.9%
Stage 3	Clinical documentation (flow sheets), CDSS (error checking), PACS available outside Radiology	8.1%
Stage 2	CDR, CMV, CDSS inference engine, may have Document Imaging	49.7%
Stage 1	Ancillaries – Lab, Rad, Pharmacy	20.5%
Stage 0	All Three Ancillaries Not Installed	19.3%

# Glimmers: CPOE Adoption





# Glimmers: Digital Hospitals

- **Oklahoma Heart Hospital**
  - Opened in August 2002
  - Features Cerner medical records, point-of-care and remote access to medical information, and GE cardiovascular diagnostic imaging
- **Indiana Heart Hospital**
  - Opened in December 2002
  - Features GE technology, including its electronic medical records system, CPOE, PACS and digital cardiovascular imaging and ultrasound systems
- **St. Francis Heart Hospital**
  - Opened in September 2004
  - GE technology



# History of Legislation Pushing Health IT

Healthcare related bills in U.S. Congress incorporating health IT introduced and/or signed into law in the U.S. between 1776 and 1996:

One:  
HIPAA



# History of Legislation Pushing Health IT

Healthcare related bills in U.S. Congress incorporating health IT introduced and/or signed into law in the U.S. between 1996 and 2005:

**Two:**

**Medicare Modernization Act &  
Patient Safety Act**



# Current Federal Legislation - House

- National Health Information Incentive Act of 2005 (H.R. 747)
- Murphy/Kennedy: 21st Century Health Information Act of 2005 (H.R. 2234)
- Preserving Patient Access to Physicians Act of 2005 (H.R. 2356)
- Medicare Value-Based Purchasing for Physicians' Act of 2005 (H.R. 3617)
- Murphy: Medicaid Transaction Grant Act of 2005 (H.R. 4142)
- Johnson: Health Information Technology Promotion Act of 2005 (H.R. 4157)
- Gingrey: Assisting Doctors to Obtain Proficient and Transmissible Health Information Technology (ADOPT HIT) Act (H.R. 4641)
- Wired for Health Care Quality Act (H.R. 4642)

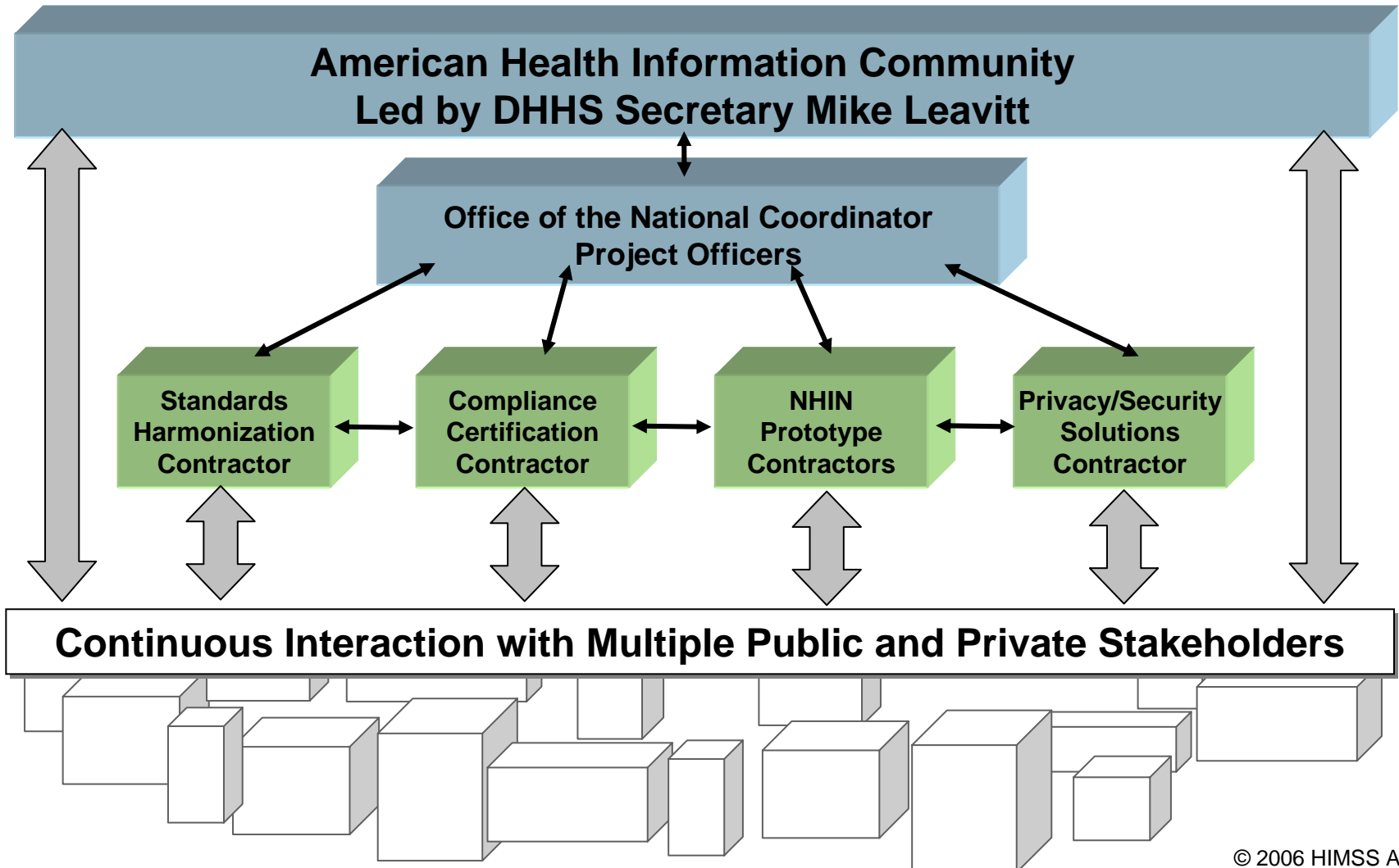
HIMSS Endorsed



# Current Federal Legislation - Senate

- Affordable Health Care Act (S.16)
- Jeffords: Patient Safety and Quality Improvement Act of 2005 (S. 544) - PASSED
- Preserving Patient Access to Physicians Act of 2005 (S. 1081)
- Information Technology for Health Care Quality Act (S. 1223)
- Stabenow/Snowe: The Health IT Act (S. 1227)
- Health Technology to Enhance Quality Act of 2005 (S. 1262)
- Medicare Value Purchasing Act of 2005 (S. 1356)
- Enzi/Kennedy/Frist/Clinton: Wired for Healthcare Quality Act (S. 1418)
- Healthy America Act of 2005 (S. 1503)
- National Medical Error Disclosure and Compensation (MEDiC) Act of 2005 (S. 1784)
- Critical Access to Health Information Technology Act of 2005 (S. 1952)

# DHHS Health IT Strategy





**And now, to my friend  
Rick Skinner  
to discuss certification  
and RHIOs**