#### "Building Patient Safety"

## **Patient Safety** Healthcare Supply Co **Electronic Record Management** (e-Records, e-Prescriptions) finition (GDSN°) Standardized Prod

Standardization Interoperability

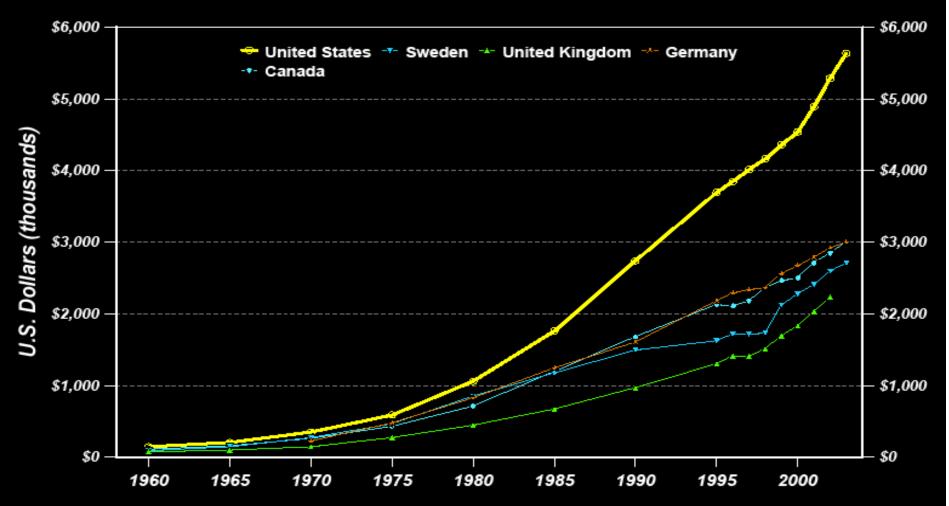


### **Electronic Health Records**

Mary Beth Lang, R.Ph., MPM
Senior Vice President, Business
Intelligence
President, Diagnostix



#### Health cost per resident, by country





"HFMA believes that universal implementation of electronic health records will produce a profound societal return, both in improving the quality of health care in our country and in reducing healthcare costs,"

Richard L. Clarke, DHA, FHFMA President and CEO





### Top barriers to EHR acquisition and implementation:

Concerns regarding information standards and code sets, funding, physician usage, and interoperability.

62% of healthcare finance professionals surveyed by HFMA believe that lack of **national**, **consistent information standards** and code sets are a significant barrier. \*Merinet





# How Often Is the Correct Treatment Given?

American health care "gets it right"

54.9%

of the time.

Source: McGlynn EA, Asch SM, Adams J, et al. The quality of health care delivered to adults in the United States. N Engl J Med 2003; 348 (26):2635-45



## **American Recovery and Reinvestment Act – HR 1**

- > \$19 billion for HIT
  - > \$17 billion for Medicare & Medicaid incentives
  - > \$2 billion of HIT grants through the Office of the National Coordinator (ONC)
- Estimated adoption rates in 10 years
  - ➤ Hospitals 90%
  - ➤ Physicians 70%
- Other HIT related funding
  - Comparative Effectiveness Research -\$1.1 billion
  - ➤ Broadband expansion \$4.7 billion



### \$17.2 B to Physicians and Hospitals

- ➤ In order to qualify for the incentive payments, both physicians and hospitals have to prove three things:
  - 1. Use of a certified EHR product with ePrescribing capability that meets current HHS standards.
  - 2. Connectivity to other providers to improve access to the full view of a patient's health history.
  - 3. Ability to report on their use of the technology to HHS.

### Amerinet Connecting the Community

Pharmacy







Health Care Insurer



Laboratory



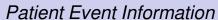
Radiology





Security and Access Control

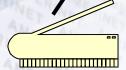
Enterprise Master Patient Index



Patient Demographics, Social & Family, Clinical Information Medication Details, Laboratory Results, Insurance Details







Scanned Documents





Specialist Transcription

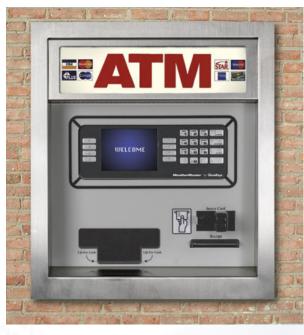
Source: Anderson, M.R. AC Group, Inc.



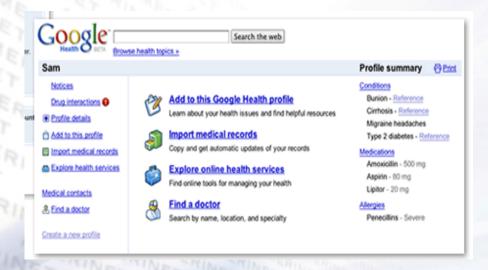
### **Connecting the Community**

- ➤ Need for Health Information Exchange (HIE)
  - EHR at the individual sites powered through HIE
  - Current state initiatives not national
- > New Players
  - MicroSoft Health Vault
  - Google Health Initiative
- Linking GS1 Standards to the Community
  - GLN, GTIN linked through GDSN

**A**merinet









Opportunity to link GS1 system to EHR and HIE!