



# **Electronic Health Records and Meaningful Use – A Year in Review**

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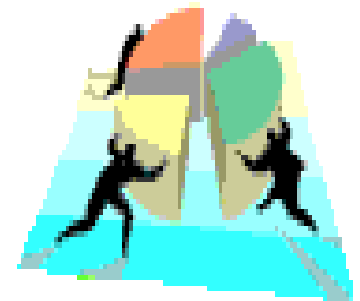
# Objectives

- ✓ **Identify milestones and components related to the national efforts to promote the adoption of Health Information Technology (IT)**
  - Adoption of Health IT
  - Meaningful Use of Electronic Health Records (EHR)
  - Health Information Exchange (HIE)
  
- ✓ **Recognize the continued vision for improving the efficiency and quality and reducing the cost of healthcare through the adoption of Health IT**
  
- ✓ **Identify Nursing's role advancing the national efforts**



# Agenda

- **The Road to 2011**
- **The Age of Meaningful Use**
- **A Year in Review:**
  - ❖ **Adoption Health IT**
    - Regional Extension Centers (REC)
    - Workforce Training
  - ❖ **Meaningful Use of EHRs**
    - Medicare / Medicaid Incentives and Penalties
  - ❖ **Health Information Exchange**
    - State Health Information Exchange (HIE)
    - Standards and Certification
    - Beacon Communities
    - Security and Privacy
- **Role of Nursing in promoting the adoption of Health IT**



# The Road to 2011

- Major reports highlight concerns regarding Quality and Safety of Healthcare
- Medicare and Healthcare Cost Spiral
- Presidential Initiatives bring EHRs and Adoption of Health IT to the forefront of national attention
- Historic laws are passed to address adoption of Health IT and Healthcare Reform

*“Our recovery plan will invest in electronic health records and new technology that will reduce errors, bring down costs, ensure privacy and save lives.”*

*- President Obama, Address to Joint Session of Congress,  
February 2009*

# The Age of Meaningful Use

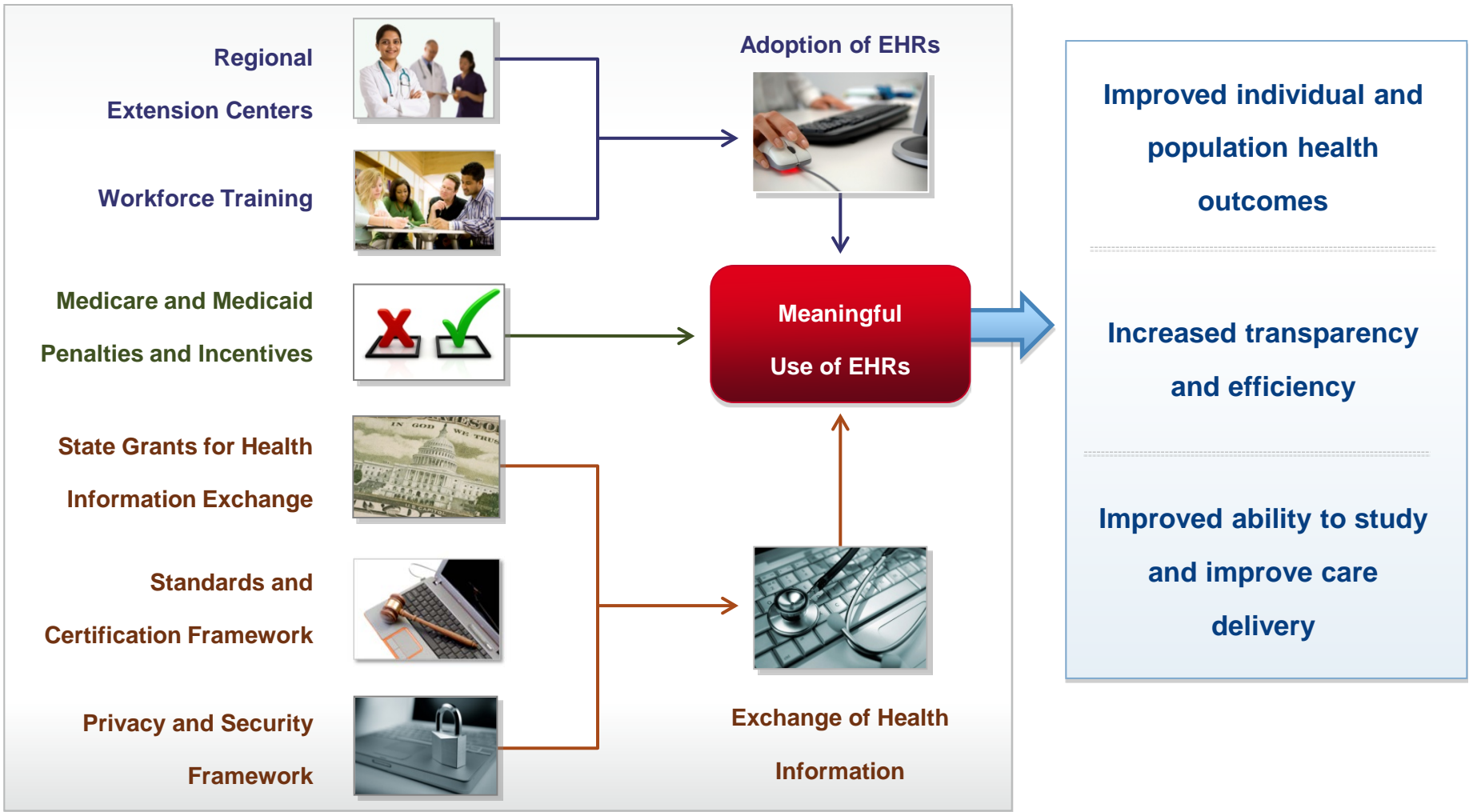
*All of us who are working to achieve adoption and meaningful use of electronic health records (EHR) throughout our health care system know that the journey is a long one. There will be many milestones along the way, each one hard-earned.*

*But I believe that when we look back on the road we traveled, the **year 2011** will stand out not merely as one more milestone, but as the time when medical care entered a new era – **the age of meaningful use of health information....***

Dr. David Blumenthal  
The Age of Meaningful Use Letter

<http://healthit.hhs.gov/portal/server.pt?open=512&mode=2&objID=3541>

# Health IT Adoption Framework



RESEARCH TO ENHANCE IT

Blumenthal D. N Engl J Med 2009;10.1056/NEJMp0912825

# Adoption of Health IT



## ■ Regional Extension Center (RECs)

- 62 RECs across the nation
- Provide hands-on support for providers who want to adopt and become meaningful users of electronic Health IT
- Support 100,000 primary care physicians in achieving meaningful use, *more than 75,000 providers have enrolled for REC assistance*

[http://healthit.hhs.gov/portal/server.pt/community/healthit\\_hhs\\_gov\\_rec\\_program/1495](http://healthit.hhs.gov/portal/server.pt/community/healthit_hhs_gov_rec_program/1495)

## ■ Workforce Training

- Community College, Curriculum Development, Competency Certification and University Training
  - 82 community colleges supporting 6 month Health IT curriculums
  - This Spring a HITPRO certification exam was announced ([www.hitproexams.org](http://www.hitproexams.org))
  - ONC released the HIT Curriculum for 20 (3 credit) courses ([www.onc-ntdc.org](http://www.onc-ntdc.org))
  - 6 specific health information technology professional roles requiring university-level training

<http://healthit.hhs.gov/portal/server.pt?open=512&objID=1432&mode=2>

# Meaningful Use of EHRs



## ■ Medicare / Medicaid Incentive Programs

- Eligible professionals and hospitals must register in order to participate in the Medicare and Medicaid EHR incentive programs
- Registration opened on January 3, 2011, at Centers for Medicare and Medicaid (CMS). As of June 30<sup>th</sup>, 68,001 providers have applied for EHR incentive funds  
[http://www.cms.gov/EHRIncentivePrograms/20\\_RegistrationandAttestation.asp](http://www.cms.gov/EHRIncentivePrograms/20_RegistrationandAttestation.asp)
- “Four-fifths of the nation’s hospitals, and 41 percent of office-based physicians, intend to sign up for the incentive payments.”  
<http://www.hhs.gov/news/press/2011pres/01/20110113a.html>
- As of June 30<sup>th</sup>, over \$166 million has been paid in *Medicaid* and \$107 million in *Medicare* EHR Incentive Program payments  
[https://www.cms.gov/EHRIncentivePrograms/50\\_Spotlight.asp](https://www.cms.gov/EHRIncentivePrograms/50_Spotlight.asp)



# Health Information Exchange



## ■ State Health Information Exchange (HIE)

- ⌘ Nearly all states and territories having approved strategic and operational plans and moving to implementation for their HIE cooperative agreement programs.
- ⌘ Network of networks that enables states and regions to develop solutions that work for their particular circumstances, consistent with broader interoperability standards

[http://healthit.hhs.gov/portal/server.pt/community/healthit\\_hhs\\_gov\\_state\\_health\\_information\\_exchange\\_program/1488](http://healthit.hhs.gov/portal/server.pt/community/healthit_hhs_gov_state_health_information_exchange_program/1488)

## ■ Security and Privacy

- ⌘ ONC is working to fashion a governance structure, standards, protocols and policies to support the Nationwide Health Information Network
- ⌘ ONC and the HHS Office for Civil Rights are working with other federal agencies to develop privacy and security policies appropriate to the electronic age

[http://healthit.hhs.gov/portal/server.pt?open=512&objID=1147&parentname=CommunityPage&parentid=8&mode=2&in\\_hi\\_userid=11673&cached=true](http://healthit.hhs.gov/portal/server.pt?open=512&objID=1147&parentname=CommunityPage&parentid=8&mode=2&in_hi_userid=11673&cached=true)

# Health Information Exchange



## ■ Standards and Certification

- As of May 2011, 735 EHR products have been certified, from 436 vendors (60 percent of them small companies with less than 51 employees) indicating robust choice and competition in the EHR market.
- This is a dramatic increase in both the number and usefulness of EHR systems, compared with pre-HITECH numbers

[http://healthit.hhs.gov/portal/server.pt/community/healthit\\_hhs\\_gov\\_standards\\_and\\_certification/1153](http://healthit.hhs.gov/portal/server.pt/community/healthit_hhs_gov_standards_and_certification/1153)

## ■ Beacon Communities

- 17 [Beacon Communities](#) to build and strengthen their health IT infrastructure and exchange capabilities through Cooperative Agreement Program funding
- Focus on specific and measurable improvement goals in the three vital areas for health systems improvement: Quality, Cost-efficiency and Population health

[http://healthit.hhs.gov/portal/server.pt/community/healthit\\_hhs\\_gov\\_onc\\_beacon\\_community\\_program\\_improving\\_health\\_through\\_health\\_it/1805](http://healthit.hhs.gov/portal/server.pt/community/healthit_hhs_gov_onc_beacon_community_program_improving_health_through_health_it/1805)

# Nursing's Role



## ■ Critical Role of Nurses in advancing the national Health IT Agenda

### — Strategic Leadership

- National Strategic HIT Planning
  - ONC Planning (Federal Advisory Committee Act (FACA) Committees/Comment Periods)
  - National Quality Strategic Planning (NQF, NPP/Comment Periods)
- Professional Engagement
  - Informatics Organizations (HIMSS, AMIA, ANIA-CARING, ANI, TIGER, etc.)

### — Academic, Management and Practice Leadership

- Enormous variety of Nursing activities driving adoption of health IT

### — Continued Health IT Engagement

- Continue to ensure the voice of Nursing is heard
- Support the Institute of Medicine (IOM) *Future of Nursing Report Recommendations*  
<http://www.iom.edu/Reports/2010/The-Future-of-Nursing-Leading-Change-Advancing-Health.aspx>
- <http://www.himss.org/handouts/HIMSSPositionStatementTransformingNursingPracticethroughTechnologyInformatics.pdf>

***...our profession is over 3 million strong and well positioned to be significant players in the transformation to improve the country's care quality and efficiency.***

Richard Hader, PhD, RN *Editor-in-Chief, Nursing Management*  
[\*Forging Forward: Future of Nursing Special March, 2011\*](#)

# Questions / Discussion

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