



Department of Health & Human Services  
Office of the National Coordinator for  
Health Information Technology

# **HITECH in Action**

## **Key ONC Programs and Opportunities for Partnership with the PCPCC Membership**

Office of the National Coordinator for Health  
Information Technology

September 7, 2010

# Overview

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- What is HITECH?
- Regional Extension Centers
- State Health Information Exchange
- Beacon Community Program

# HITECH Vision

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- A major transformation in American health care
- Each patient receives optimal care through nationwide health information exchange
- Programs and regulations to help you overcome obstacles to adoption and Meaningful Use of electronic health records (EHRs)







# Federal Government Responds: HITECH Act

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- Part of American Recovery and Reinvestment Act of 2009 (ARRA)
- Goal: Every American to have an EHR by 2014
- Systematically addresses major barriers to adoption and Meaningful Use:
  - Money/market reform
  - Technical assistance, support, and better information
  - Health information exchange
  - Privacy and security

# How HITECH Addresses Barriers to Adoption

Obstacle		Intervention	Funds Allocated
Market Failure, Need for Financial Resources		<ul style="list-style-type: none"> <li>Medicare and Medicaid EHR Incentive Programs for “Meaningful Use”</li> </ul>	<ul style="list-style-type: none"> <li>\$27.3 B*</li> </ul>
Addressing Adoption Difficulties		<ul style="list-style-type: none"> <li>Regional Extension Centers</li> <li>Health IT Research/Resource Center</li> </ul>	<ul style="list-style-type: none"> <li>\$643 M</li> <li>\$50 M</li> </ul>
Workforce Training		<ul style="list-style-type: none"> <li>Workforce Training Programs</li> </ul>	<ul style="list-style-type: none"> <li>\$84 M</li> </ul>
Addressing Technology Challenges and Providing Breakthrough Examples		<ul style="list-style-type: none"> <li>Strategic Health Information Technology Advanced Research Projects</li> <li>Beacon Communities Programs</li> </ul>	<ul style="list-style-type: none"> <li>\$60 M</li> <li>\$250 M</li> </ul>
Privacy and Security		<ul style="list-style-type: none"> <li>Policy Framework</li> <li>New Privacy and Security Policies</li> </ul>	Addressed across all Programs
Need for Platform for Health Information Exchange		<ul style="list-style-type: none"> <li>NHIN, Standards and Certification</li> <li>State Cooperative Agreement Program</li> </ul>	<ul style="list-style-type: none"> <li>\$64.3 M</li> <li>\$548 M</li> </ul>

\*\$27.3 B is high scenario

# Regional Extension Centers (RECs)

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- **Goal:** Assist at least 100,000 providers in achieving Meaningful Use by 2012
- Establish RECs nationwide to support providers in adopting and becoming Meaningful Users of HIT through comprehensive, “on-the-ground” services:
  - Outreach and education
  - EHR vendor selection support
  - Project management assistance
  - Workflow redesign support
  - Help with achieving Meaningful Use

# RECs

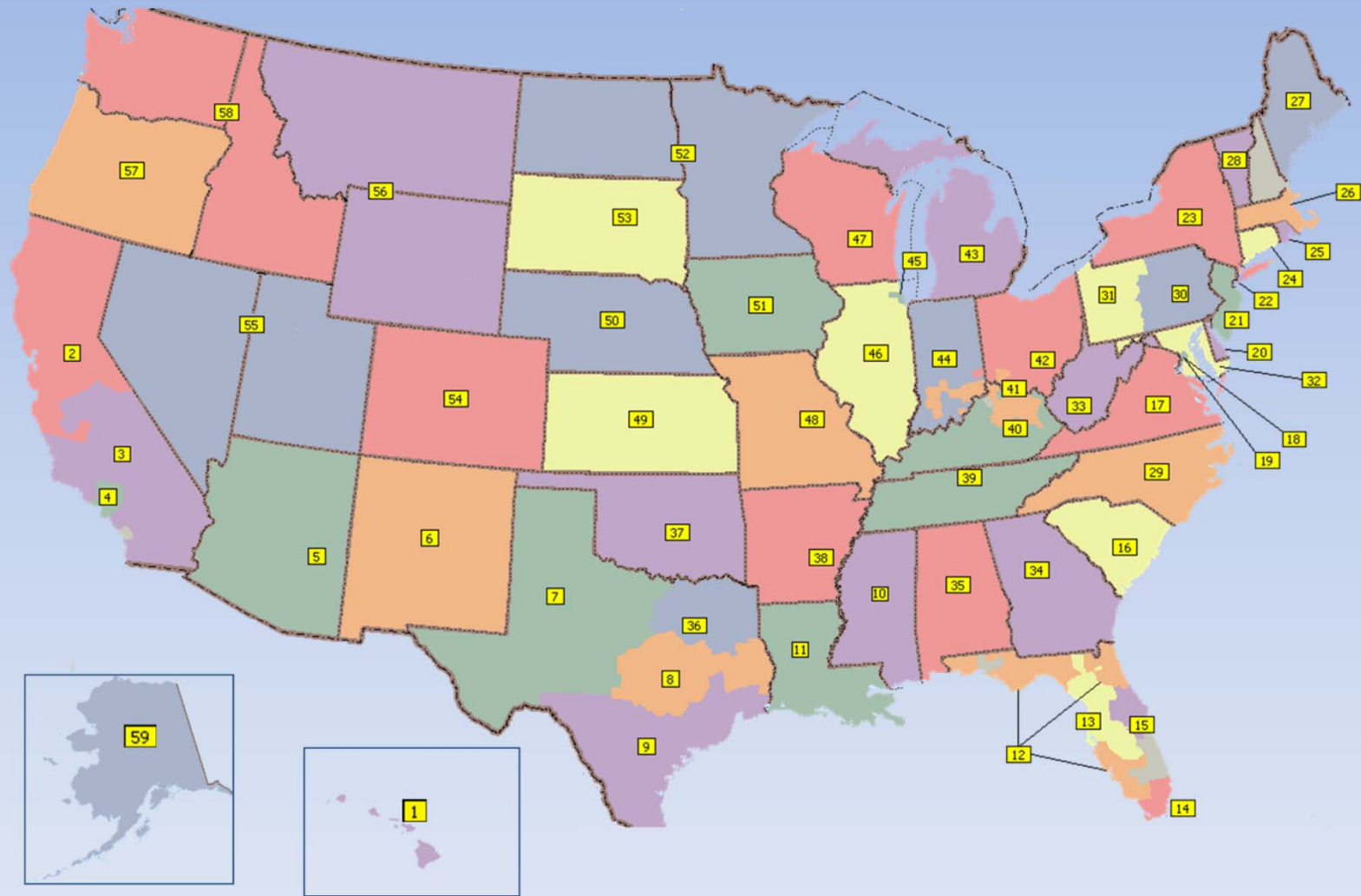
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Focus on supporting primary care providers that are least likely to achieve Meaningful Use on their own:

- Small practices with less than 10 providers
- Public and critical access hospitals
- Community health centers and rural health clinics

# Current RECs

United States Regional Extension Centers



\*Note: applicable regions across the nation may also be supported by the Indian Health Board Regional Extension Center, headquartered in Washington DC.



# State Health Information Exchange

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- **Goal:** Give every provider options for meeting health information exchange (HIE) Meaningful Use requirements
- 4-year program to support state programs to ensure the development of HIE within and across their jurisdictions
- 56 states and territories awarded funding for HIE planning and implementation
- States need an ONC-approved State Plan before federal funding can be used for implementation
- Exchange must meet national standards

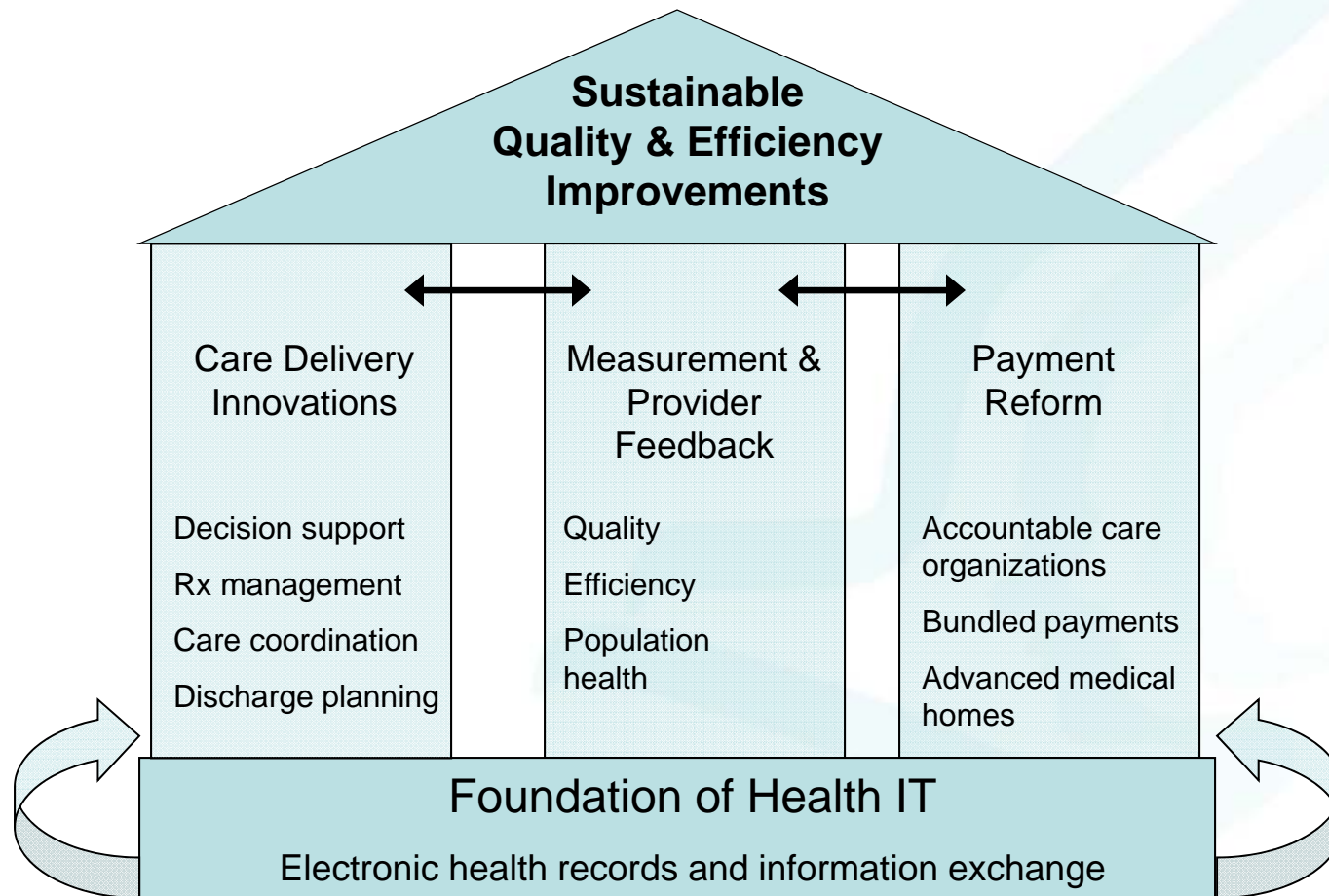
# The Beacon Community Program

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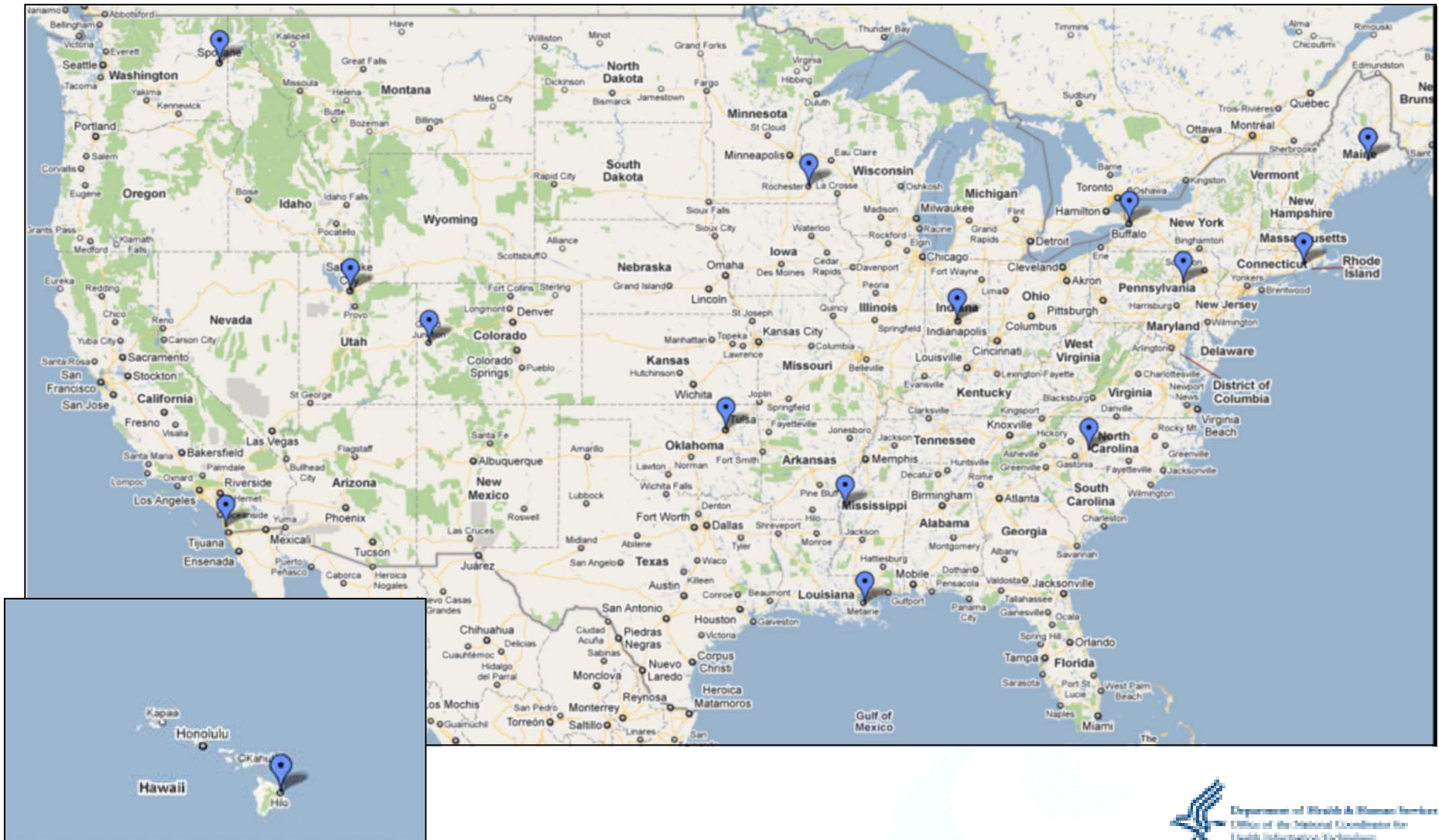
- **Goal:** Share best practices that help communities achieve cost savings and health improvement
- 15 demonstration communities\* that will:
  - Build and strengthen their HIT infrastructure and exchange capabilities and showcase the Meaningful Use of EHRs
  - Provide valuable lessons to guide other communities to achieve measurable improvement in the quality and efficiency of health services or public health outcomes

\*Two additional communities to be funded in Summer 2010

# Beacon Community Program: Conceptual Model



# Round 1 Beacon Communities



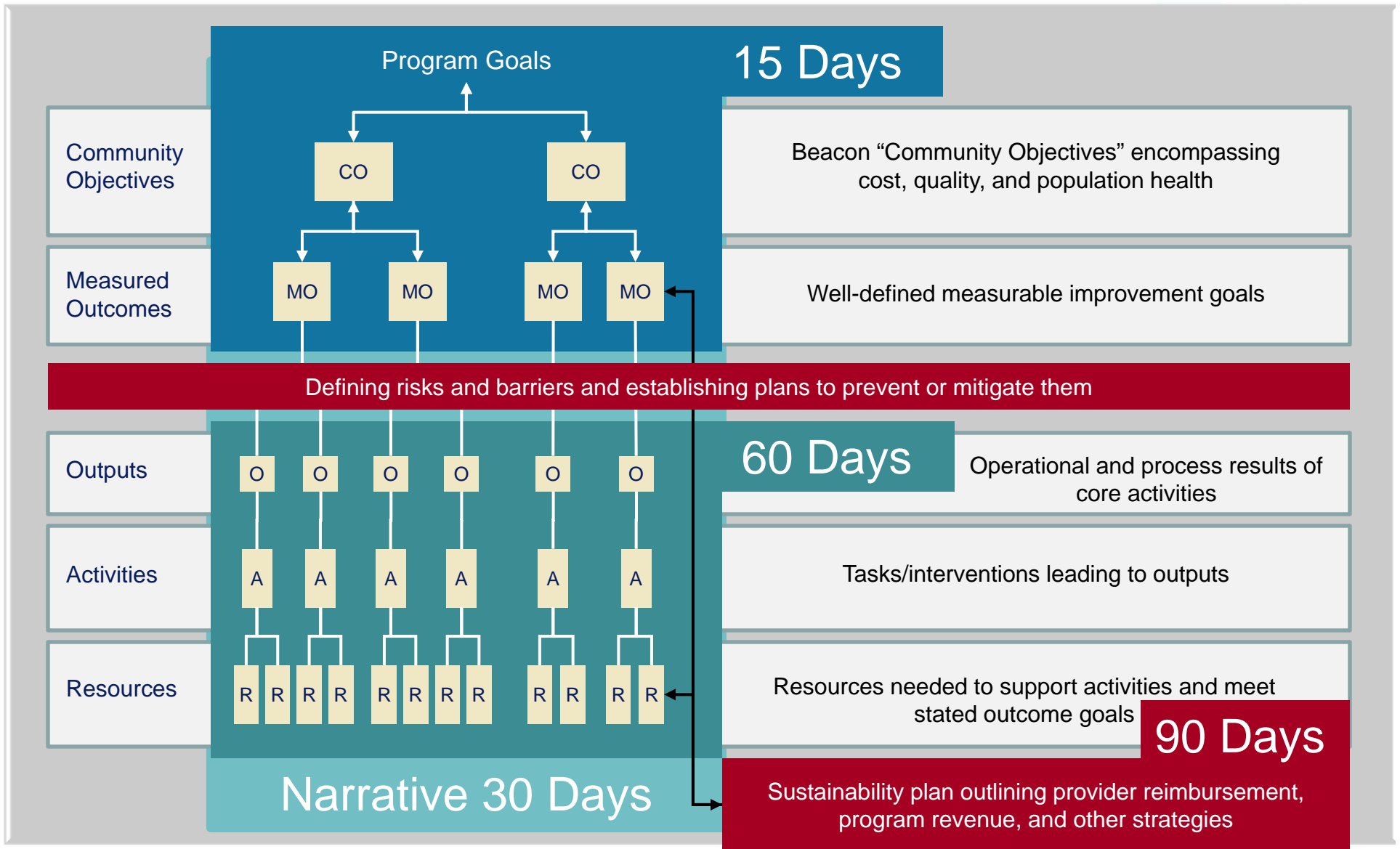


# Beacon Communities

Lead Organization	Location
Community Services Council of Tulsa	Tulsa, Oklahoma
Delta Health Alliance	Stoneville, Mississippi
Eastern Maine Healthcare System	Brewer, Maine
Geisinger Clinic	Danville, Pennsylvania
HealthInsight	Salt Lake City, Utah
Indiana Health Information Exchange	Indianapolis, Indiana
Inland Northwest Health Services	Spokane, Washington
Louisiana Public Health Institute	New Orleans, Louisiana
Mayo Clinic College of Medicine	Rochester, Minnesota
The Regents of the University of California, San Diego	San Diego, California
Rhode Island Quality Institute	Providence, Rhode Island
Rocky Mountain Health Maintenance Organization	Grand Junction, Colorado
Southern Piedmont Community Care Plan, Inc.	Concord, North Carolina
University of Hawaii at Hilo	Hilo, Hawaii
Western New York Clinical Information Exchange	Buffalo, New York
HealthBridge	Cincinnati, Ohio
Southeastern Michigan Health Association	Detroit, Michigan



# Beacon Community Workplan



## Indiana Health Information Exchange

<b>Service area</b>	<b>Central Indiana</b>	
<b>Population</b>	<b>1,154,294 people in target population</b> <b>2,700,000 people in geographic service area</b>	
<b>Summary of Action Plan</b>	<b>HIE-based measurement and provider feedback</b> <b>P4P, accountable care organizations and payer engagement</b> <b>Remote telemonitoring</b>	
<b>Selected Performance Improvement Goals</b>		
<b>Quality</b>	<b>Population Health</b>	<b>Cost/Efficiency</b>
Increase by 10% the proportion of diabetic patients with controlled blood sugar levels (HbA1c<9.0%)  Increase by 10% the proportion of diabetic patients whose cholesterol is controlled	Increase by 5% the proportion of patients screened for colorectal and cervical cancer  Increase by 5% the rate of adult immunizations, with an initial emphasis on the flu	Reduce by 3% the number of ambulatory care sensitive (ACS) hospital admissions  Reduce by 3% the number of ACS emergency visits  Reduce by 10% the number of ACS readmissions  Reduce by 10% the number of redundant radiologic studies

# Rocky Mountain Health Maintenance Organization

<b>Service area</b>	<b>Grand Junction Area, CO</b>	
<b>Population</b>	<b>298,028 target population/people in geographic service area</b>	
<b>Summary of Action Plan</b>	<b>HIE-based performance measurement and feedback</b> <b>HIE-based care coordination in conjunction with PCMH payment reform</b> <b>Technology-enabled patient activation</b>	
<b>Selected Performance Improvement Goals</b>		
<b>Quality</b>	<b>Population Health</b>	<b>Cost/Efficiency</b>
<p>Ensure that all identified hypertension patients are in the 90th percentile based on national data</p> <p>Ensure that all identified diabetic patients are in the 90th percentile based on national data</p>	<p>Increase the number of children immunized within the 90th percentile</p> <p>Increase by 5% the number of uninsured children who are immunized at equivalent rates to other populations</p> <p>Increase the number of all patients immunized greater than 5% above the 90th percentile</p>	<p>Reduce unnecessary emergency department utilization among children</p> <ul style="list-style-type: none"> <li>▪ 5% Medicaid and uninsured, 1% privately uninsured</li> </ul> <p>Reduce unnecessary hospital readmissions within 90 Days of Discharge in Children</p> <ul style="list-style-type: none"> <li>▪ 2% Medicaid and uninsured, 0.5 % privately uninsured</li> </ul>



# For More Information

Visit the ONC Web site: [healthit.hhs.gov](http://healthit.hhs.gov)

The screenshot displays the Health Information Technology (HIT) website in a Microsoft Internet Explorer browser. The page title is "Health Information Technology" with the tagline "For the Future of Health Care". The main navigation menu includes links for Home, HITECH & Funding Opportunities, HITECH Programs, State Health Information Exchange Program, HIT Extension Program, Strategic Health IT Advanced Research Projects Program, Community College Consortia to Educate Health IT Professionals, Curriculum Development Centers Program, Program of Assistance for University-Based Training, Competency Examination Program, Federal Advisory Committee, Regulations & Guidance, ONC Initiatives, Outreach, Events, & Resources, and About ONC. The "HITECH Programs" section is highlighted, showing a list of programs with brief descriptions. The "SPOTLIGHT" section on the right lists key areas: HITECH Programs, Certification NPPM, Privacy & Security, Standards and Certification JEP, Meaningful Use, HIT Policy Committee, and HIT Standards Committee. A "Sign up to receive the latest news from ONC, its programs, and leadership" form is also visible.

Health Information Technology  
For the Future of Health Care

Home > HITECH Programs

## HITECH Programs

The Health Information Technology for Economic and Clinical Health (HITECH) Act seeks to improve American health care delivery and patient care through an unprecedented investment in health information technology. The provisions of the HITECH Act are specifically designed to work together to provide the necessary assistance and technical support to providers, enable coordination and alignment within and among states, establish connectivity to the public health community in case of emergencies, and assure the workforce is properly trained and equipped to be meaningful users of EHRs. Combined these programs build the foundation for every American to benefit from an electronic health record, as part of a modernized, interconnected, and vastly improved system of care delivery.

**State Health Information Exchange Cooperative Agreement Program:** A grant program to support states or State Designated Entities (SDEs) in establishing health information exchange (HIE) capability among healthcare providers and hospitals in their jurisdictions.

**Health Information Technology Extension Program:** A grant program to establish Health Information Technology Regional Extension Centers to offer technical assistance, guidance and information on best practices to support and accelerate health care providers' efforts to become meaningful users of Electronic Health Records (EHRs).

**Strategic Health IT Advanced Research Projects (SHARP) Program:** A grant program to fund research focused on achieving breakthrough advances to address well-documented problems that have impeded adoption: 1) Security of Health Information Technology; 2) Patient-Centered Cognitive Support; 3) Healthcare Application and Network Platform Architectures; and, 4) Secondary Use of EHR Data.

**Community College Consortia to Educate Health Information Technology Professionals Program:** A grant program that seeks to rapidly create health IT education and training programs at Community Colleges or expand existing programs. Community Colleges funded under this initiative will establish intensive, non-degree training programs that can be completed in six months or less. This is one component of the Health IT Workforce Program.

**Curriculum Development Centers Program:** A grant program to provide \$10 million in grants to institutions of higher education (or consortia thereof) to support health information technology (health IT) curriculum development. This is one component of the Health IT Workforce Program.

**Program of Assistance for University-Based Training:** A grant program to rapidly increase the availability of individuals qualified to serve in specific health information technology professional roles requiring university-level training. This is one component of the Health IT Workforce Program.

**Competency Examination for Individuals Completing Non-Degree Training Program:** A grant program to provide \$6 million in grants to an institution of higher education (or consortia thereof) to support the development and initial administration of a set of health IT competency examinations. This is one component of the Health IT Workforce Program.

SPOTLIGHT

- [HITECH Programs](#)
- [Certification NPPM](#)
- [Privacy & Security](#)
- [Standards and Certification JEP](#)
- [Meaningful Use](#)
- [HIT Policy Committee](#)
- [HIT Standards Committee](#)

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# Conclusion and Discussion Questions

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- How do the ONC programs and PCPCC partners best align to support regional improvement?
- What is the optimal way to ensure coordination at both the local and national levels?
- How do we ensure that the lessons learned from communities participating in various regional programs are shared in a broader learning network?