



Transparency, Transformation and Collaboration: The Impact of Health IT on System Transformation

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The Impact of Health IT on System Transformation



- AHRQ Health IT Research Funding
- The American Recovery and Reinvestment Act and Health IT
- What Does It Mean To Be Patient-Centric?
- Q&A



AHRQ Health IT Research Funding

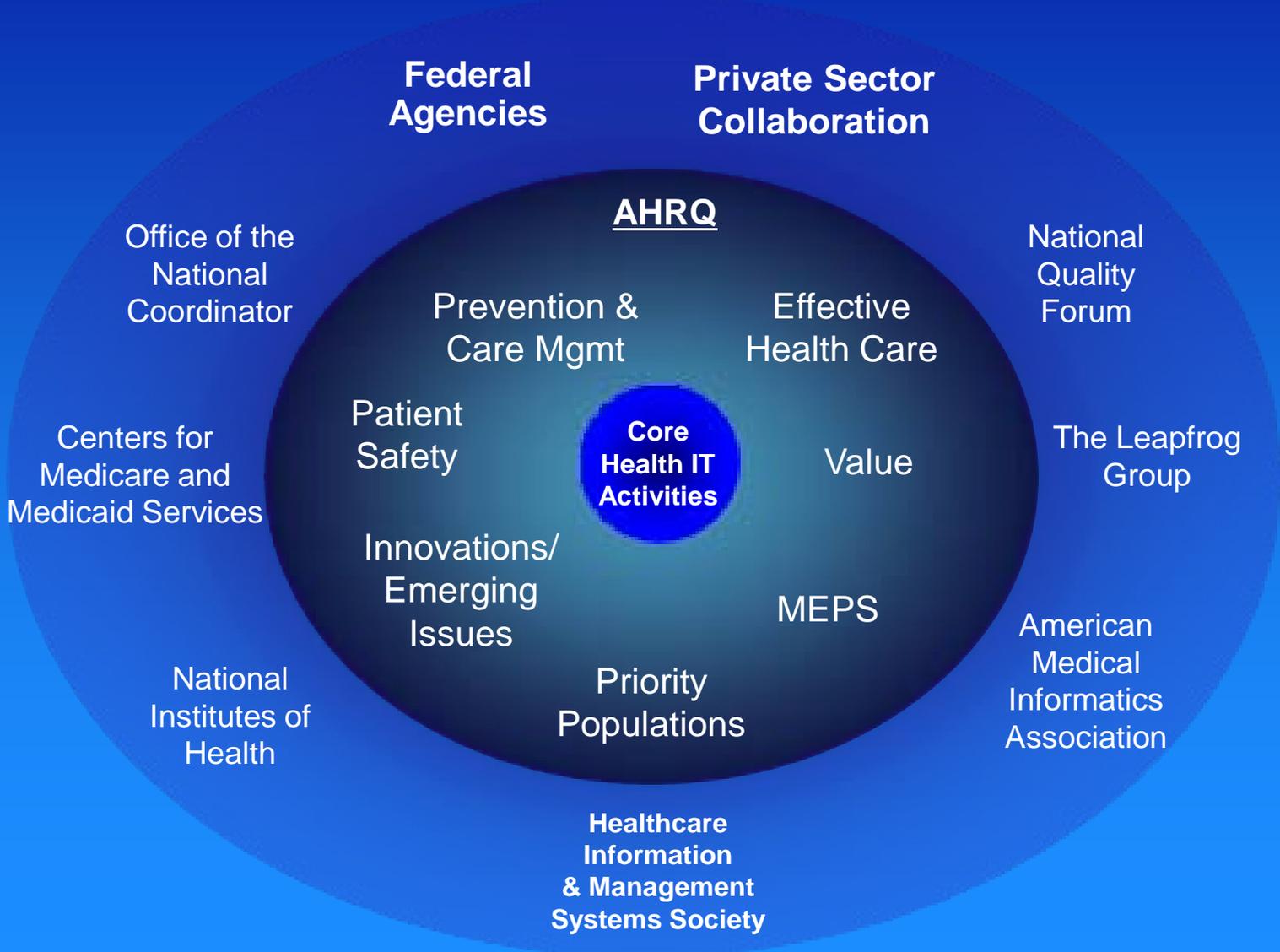
- Long-term agency priority
- AHRQ has invested more than \$300 million in contracts and grants
- More than 200 communities, hospitals, providers, and health care systems in 48 states



AHRQ Health IT
Investment: \$300
Million

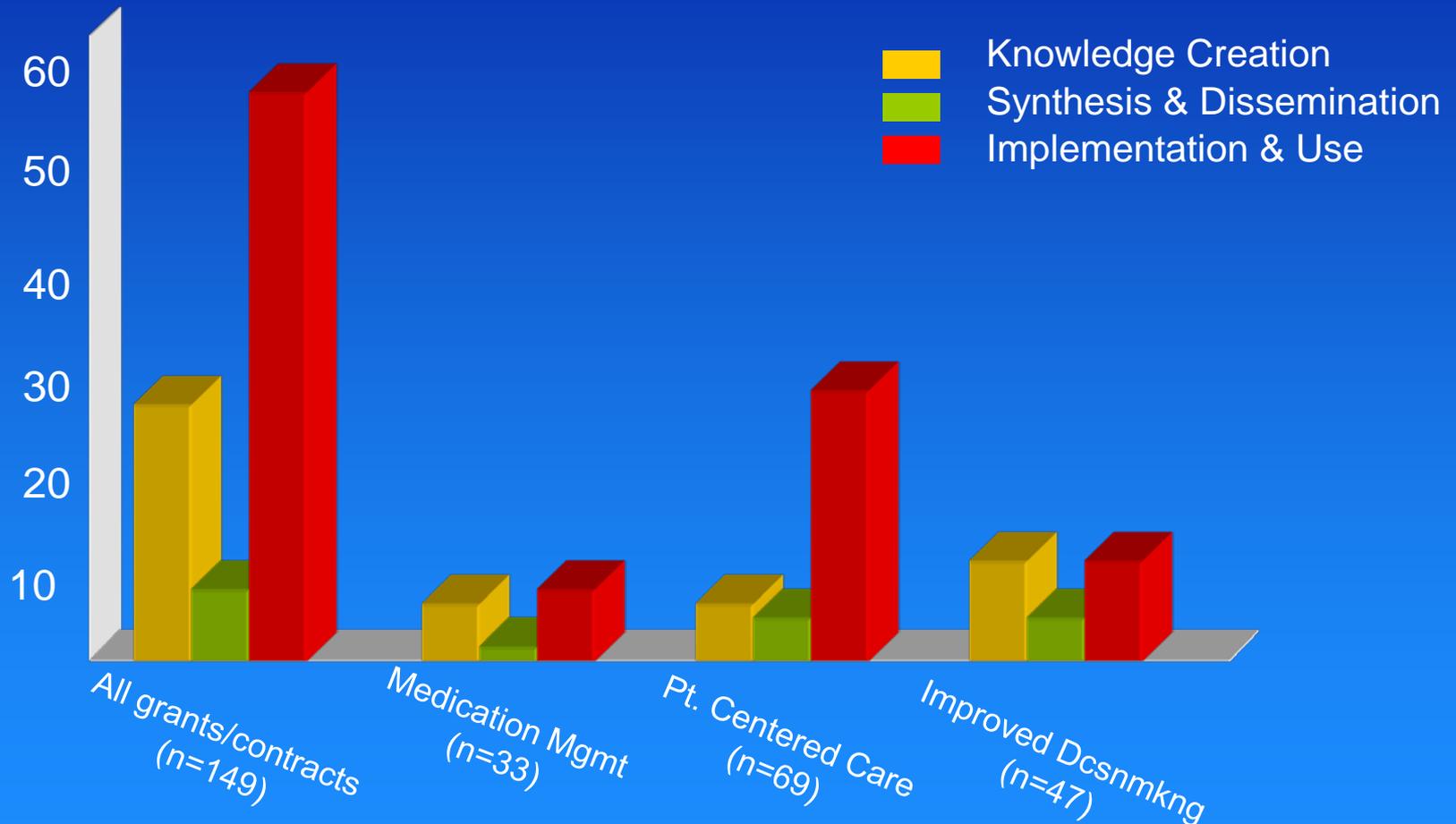


Reach of AHRQ's Health IT Program





AHRQ-Sponsored Active Health IT Grants, Contracts, 2008*



*Summary of AHRQ Health IT Portfolio-Funded Projects as of 2008. September 2009

AHRQ Health IT Strategic Goals

- Improved Decision-making
- Medication Management
- Patient-Centered Care





Initiatives

- National Resource Center for Health IT (NRC)
 - Transforming Health Care Quality through Health IT (THQIT)
 - State and Regional Demonstrations (SRDs)
 - Ambulatory Safety and Quality Program (ASQ)
 - Clinical Decision Support Initiative
- 

An Unprecedented Investment

Allocations for the \$1.1 billion in comparative effectiveness research funding in the American Recovery and Reinvestment Act of 2009 (ARRA):

- Research \$681M (62%)
- **Data Infrastructure** **\$268M (24%)**
- Dissemination and Adoption \$132M (12%)
- Administrative support, inventory, evaluation \$19M (2%)



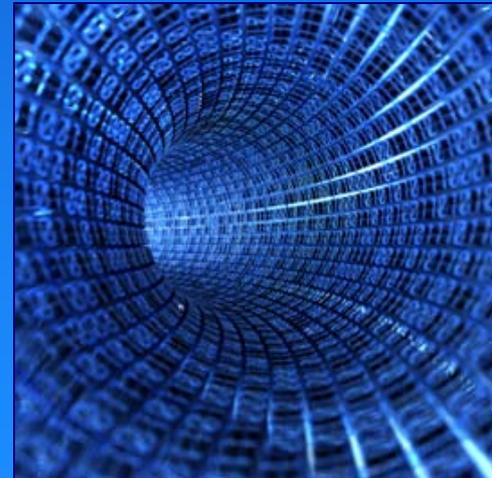


'Two-Way' Role for Health IT in Comparative Effectiveness



In: A pathway to clinical care for comparative effectiveness research

Out: Digitizes and structures health care information for use in comparative effectiveness research





ARRA, Disparities and Health IT

- Using Innovative Communication Technology to Improve the Health of Young African American Women
 - AHRQ-funded project at Boston University using a Virtual Patient Advocate (Avatar)
- Reducing Disparities in Healthcare Quality in Under-resourced Settings using Health IT and Other Quality Improvement Strategies
 - Stakeholder and expert meeting focused on health IT as a tool to improve quality in under-resourced settings. Four case studies will be published in a journal supplement to Medical Care Research and Review in October 2010
- Prospective Outcome Systems using Patient-specific Electronic data to Compare Tests and therapies (PROSPECT)
 - Recovery Act project particularly involving populations typically underrepresented in randomized control clinical trials and those with limited access to health care



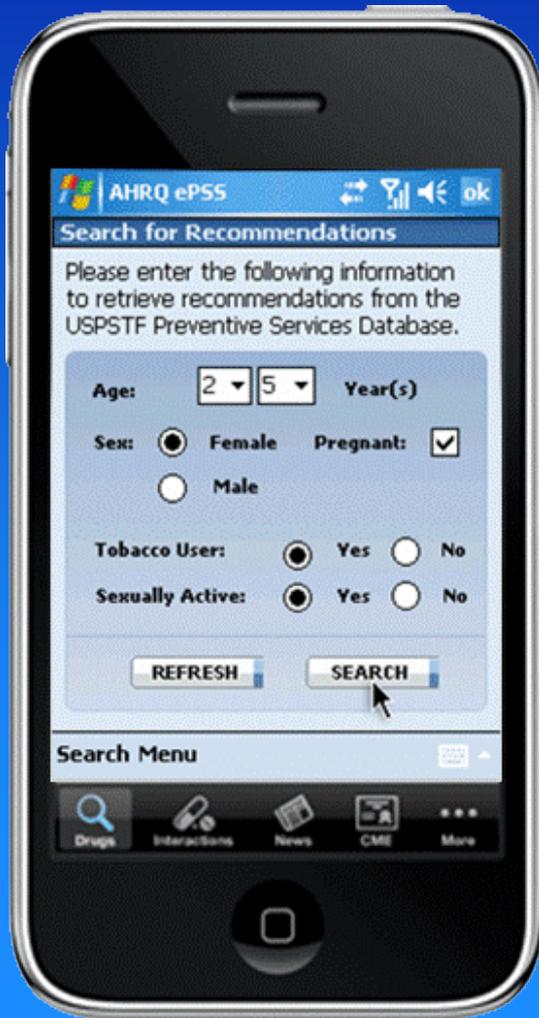
Translating the Science into Real-World Applications

- Examples of Recovery Act-funded Evidence Generation Projects by AHRQ:
 - Clinical and Health Outcomes Initiative in Comparative Effectiveness (CHOICE): First coordinated national effort to establish a series of pragmatic clinical comparative effectiveness studies
 - Request for Registries: Up to five awards for the creation or enhancement of national patient registries, with a primary focus on the 14 priority conditions
 - DEcIDE Consortium Support: Expansion of multi-center research system and funding for distributed data network models that use clinically rich data from electronic health records

What Does It Really Mean to Be Patient-Centric?'



Making Technology Useful for Consumers



- Our tools make care more efficient for *clinicians*, not patients
- Consumers use and want technology to inform for health care decision-making; they are leading us, not vice versa
- Consumers are demanding tools to make their care more about them; let's satisfy the demand!

Thank You



AHRQ Mission

To improve the quality, safety, efficiency, and effectiveness of health care for all Americans

AHRQ Vision

As a result of AHRQ's efforts, American health care will provide services of the highest quality, with the best possible outcomes, at the lowest cost