



17<sup>th</sup> Meeting of the American Health  
Information Community (AHIC)

November 13, 2007

# Vision

- Electronic medical records
  - Ensuring that appropriate medical information is available
  - Reducing medical errors
  - Reducing health care costs
  - Improving coordination among health care facilities
- Deploy the underlying broadband infrastructure connecting healthcare facilities across the nation

## **Rural Health Care Pilot**

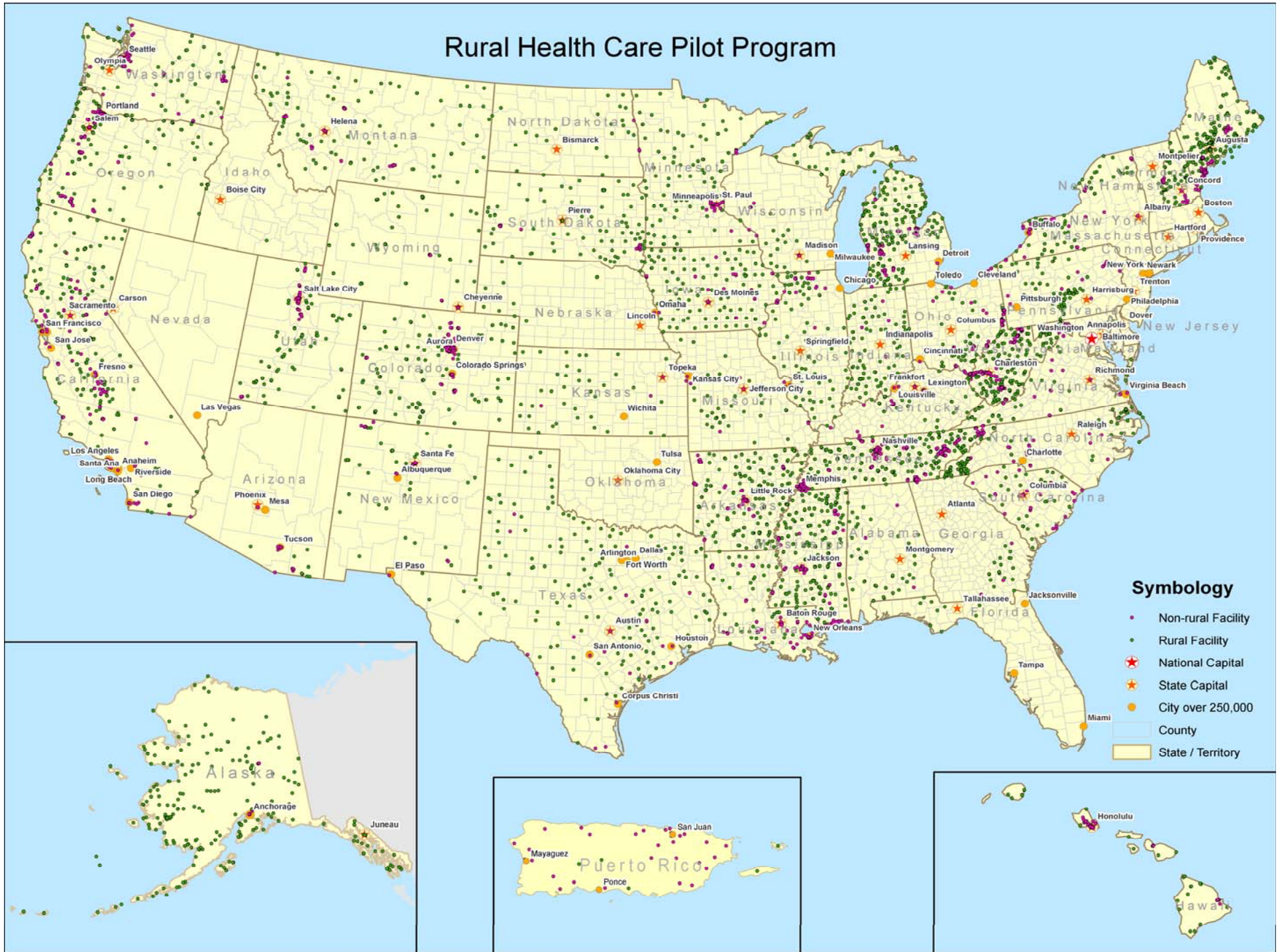
- Enhanced funding to help public and non-profit health care providers deploy broadband
- Deployment of state- and region-wide broadband networks for telehealth and telemedicine
- Funds up to 85% of the costs of deploying those networks
- Funds up to 85% of connection costs to Internet2 or National LambdaRail (NLR) dedicated nationwide backbones and public Internet

# Rural Health Care Pilot Program





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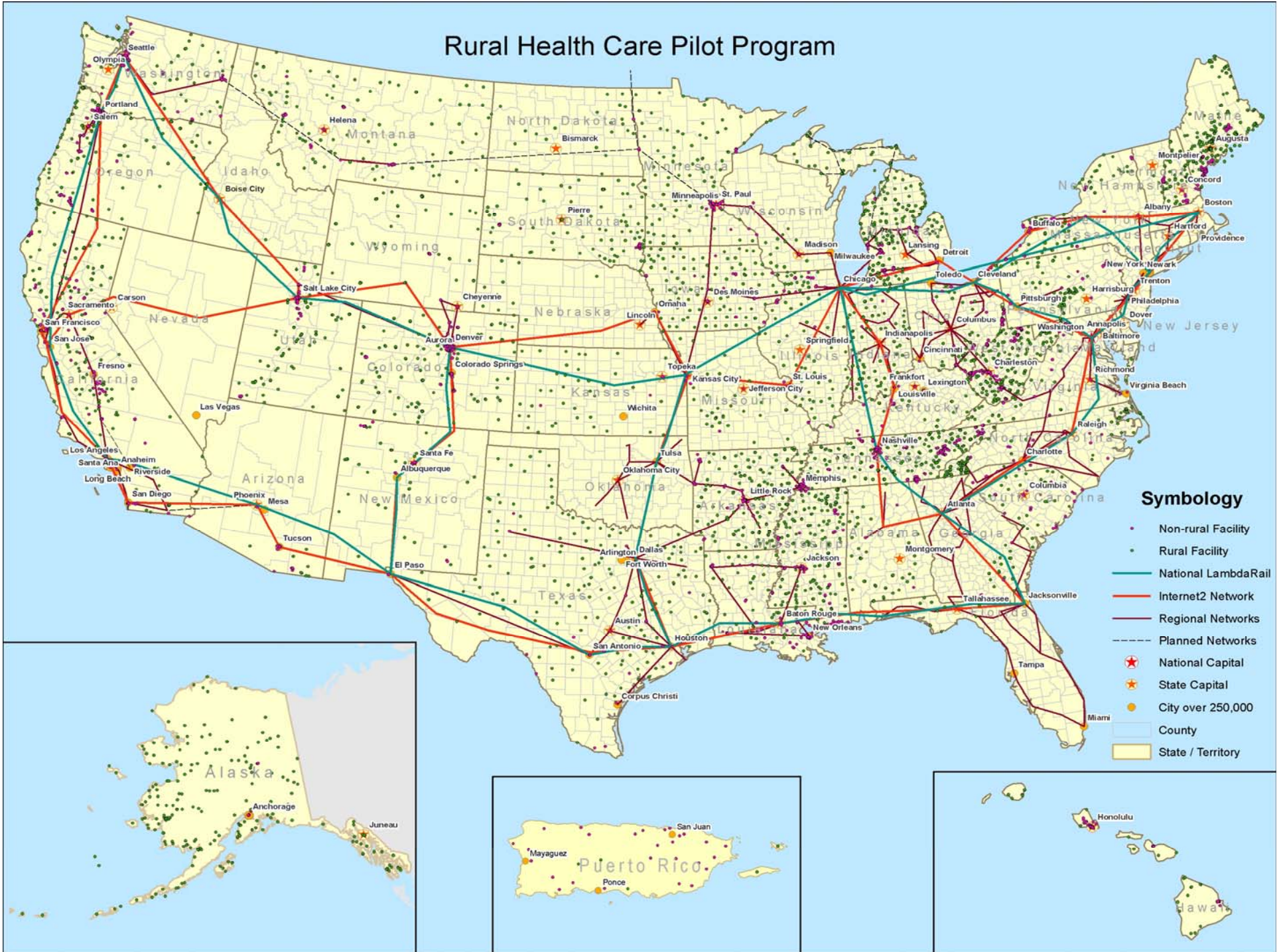


# Rural Health Care Pilot Program





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## Symbology

- Non-rural Facility
- Rural Facility
- National LambdaRail
- Internet2 Network
- Regional Networks
- - - Planned Networks
- ★ National Capital
- ★ State Capital
- City over 250,000
- County
- State / Territory

## **Examples of Applications**

- Large-scale networks connecting hundreds of facilities over a multi-state region.
- Small-scale networks providing a critical advanced broadband link for several regional hospitals or clinics.
- Connections to insular areas and isolated regions.
- Networks in states with a severe shortage of health care professionals



## **Benefits of a Broadband Healthcare Network**

- Clinical care
- Consumer and professional health education
- Public health
- Health administration
- Research
- **Electronic health records**

## **Benefits of the Pilot Program**

- State or regional networks
- Flexibility in network design
- Self-sustaining networks
- Rural broadband connections



## **Public Health Benefits**

- Advance Goals of National Health Information Network Initiative
  - Use interoperable IT standards and certified Health Information Products
  - Coordinate with the National Health Information Network Architecture
  - Coordinate with HHS and CDC

## **FCC Rural Health Care Pilot Program**

- \$400 million to deploy broadband health networks
- Reaching over 6,000 health care centers
- Across 42 states and 3 U.S. territories
- Robust connectivity to the Internet and a nationwide backbone