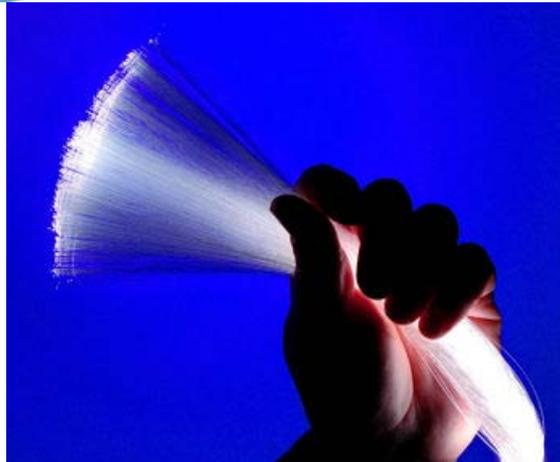
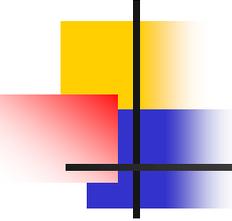


NEW MEXICO BROADBAND PROGRAM HEALTH INITIATIVES

HEALTH AND HUMAN SERVICES
Legislative Committee
9 July 2012

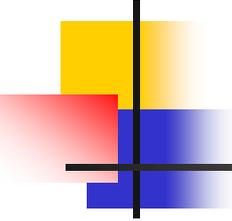




PROGRAM OVERVIEW



- Goal: Broadband for All
 - Availability and Adoption
- Process:
 - Define Service Areas and Technologies
 - Served, Under Served, and Not Served
 - Wireless, Cable, DSL, Mobile, and Fiber
 - Identify Issues to Adoption
 - Socio Economic, Education, Markets
 - Implement Steps to Increase Adoption
 - Survey, Training, Facility Access, Regional



PROGRAM: Funds



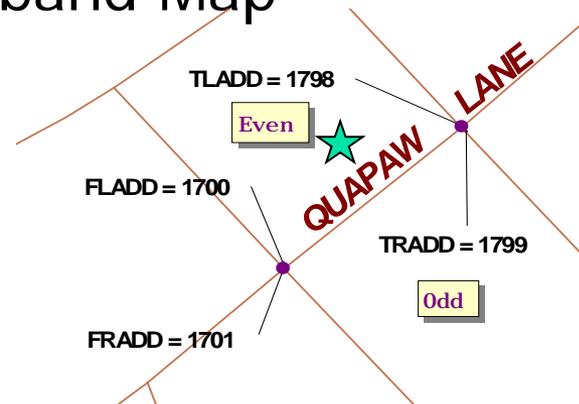
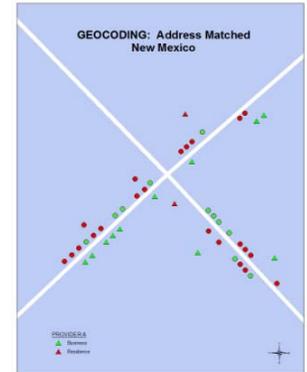
- NTIA Funds
 - Total Federal Award: \$4.8M (Jan 2010)
 - State Match: \$1.2M (20%)
- Grant Components
 - Mapping: \$3.1M (Five Years)
 - Planning: \$500K (Five Years)
 - Capacity Building \$600K (Four Years)
 - Technical Assistance \$560K (Four Years)



MAPPING

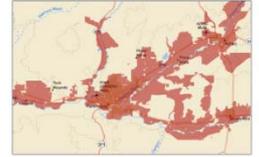


- Acquire Provider Data with NDA/Security
 - Process, Validate, Document, and Map
- Upload to NTIA
 - Repeat Twice Yearly (May/October)
- Create a Broadband Program Web Portal
 - Interactive Online Broadband Map
 - Broadband Map Gallery
 - Broadband Speed Test



★ CUSTOMER DATA
1750 Quapaw Lane

MAPPING: NM BB MAP



- New Mexico Broadband Map (Availability)
 - Source – Provider Data
 - Type of Technology
 - Search – Address, Community, Area, or Point

New Mexico Broadband Map - V 2.0
Department of Information Technology (DoIT)
Data update: 1 October 2011

Layers

Layer Visibility

- Broadband Coverage
 - DSL
 - Cable
 - Fiber
 - Copper Wire
 - Fixed Wireless
 - Mobile Wireless
 - Satellite

Legend

New Mexico

- DSL
- Cable
- Fiber
- Copper Wire
- Fixed Wireless
- Mobile Wireless

Find Address

Locations found: 1

Mora, NM
Score: 100

Mora, NM
Score: 100
Zoom to

Identify

Technology of Transmission: DSL

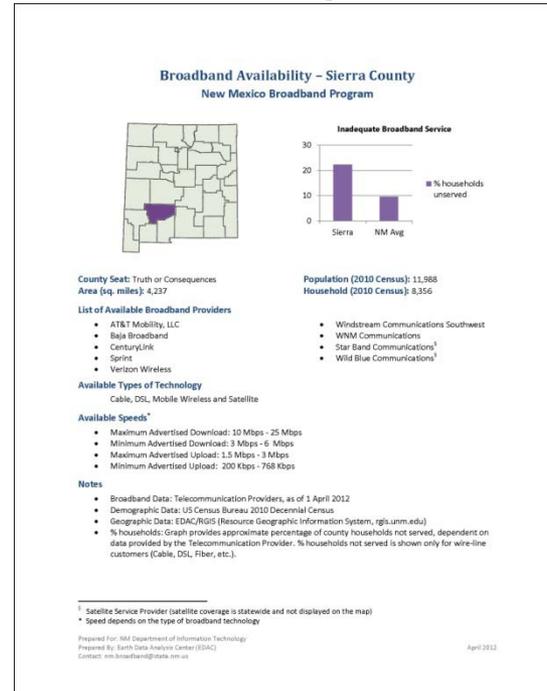
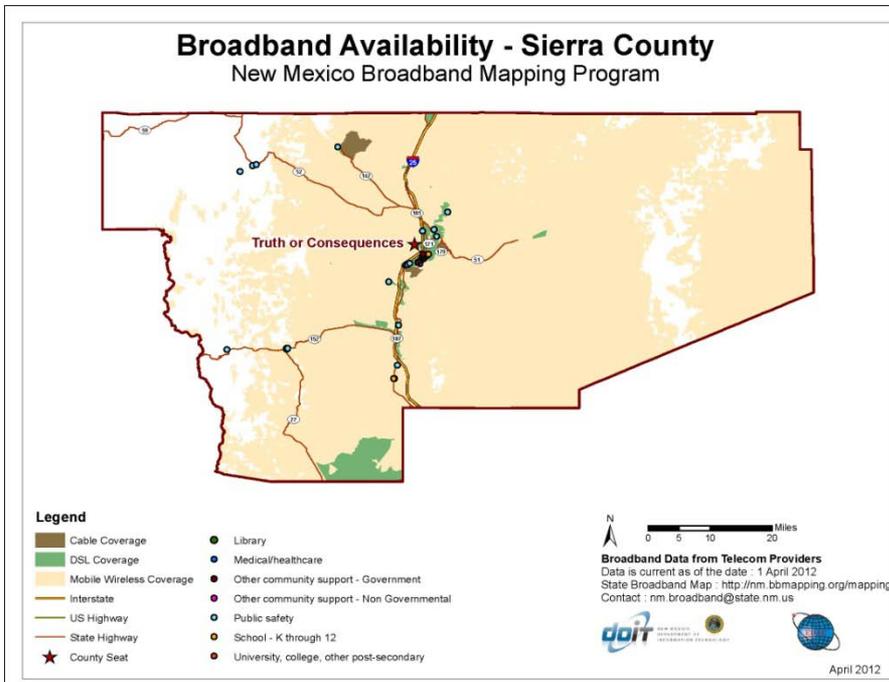
Use the Identify tool to see the list of available Broadband Internet Service Providers

Clear



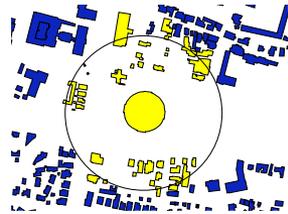
MAPPING: County Stats

- New Mexico County Maps/Stats
 - Maps – Technology Types
 - Stats – Demographics, Providers, Speed



PLANNING: Strategic Plan

- Action Document
 - Issues, Gaps, and Actions (Solutions)
 - Administrative Structure, Governance, and Industry
 - Major Sectors: Education, Health, Economic Development
- Selected Elements
 - Identify Challenges to BB Adoption
 - Provide Mechanisms to Enhance BB Infrastructure
 - Incorporate Public Survey and Market Research
 - Create a Socio-Economic Model
 - Propose Planning Teams and Training Centers
 - Advertise Incentives and Funding



PLANNING: Tools



■ Community BB Master Plan Guide

- Requirements
- Collaboration
- Stakeholders
- Technology
- Business Models
- Funding
- Benefits
- Risks
- Community Engagement

■ Regional Implementation Frame

- Health
- Industry
- Education
- Government
- Community
- Engineers
- Community Engagement

BBEP Español

1. Código (Número de teléfono)

*Favor de escribir su número de teléfono (no prefijo ni teléfono de casa para el su otro número personal), incluyendo el código de área.

2. Acceso en su domicilio?

¿¿Tiene acceso a Internet (a correo electrónico) en su domicilio privado (sea el suyo o en la casa)?

Sí

No

3. Tipo de tecnología de Internet?

¿El acceso a Internet a correo electrónico en su casa es por medio de "broadband" (por la línea telefónica que es un tipo de acceso cuando usted está conectado a Internet) o a través de una conexión regular (p.ej. DSL, cable, satélite, o SmartPhone)?

Sí

No

4. Suscripción de domicilio o su negocio?

¿Es su suscripción de Internet un contrato de domicilio o su negocio?

Domicilio

Negocio

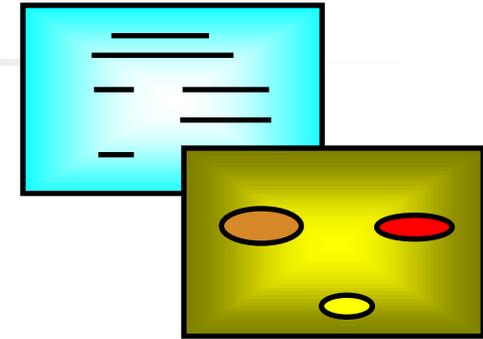
5. Porque se accede?

Página 1

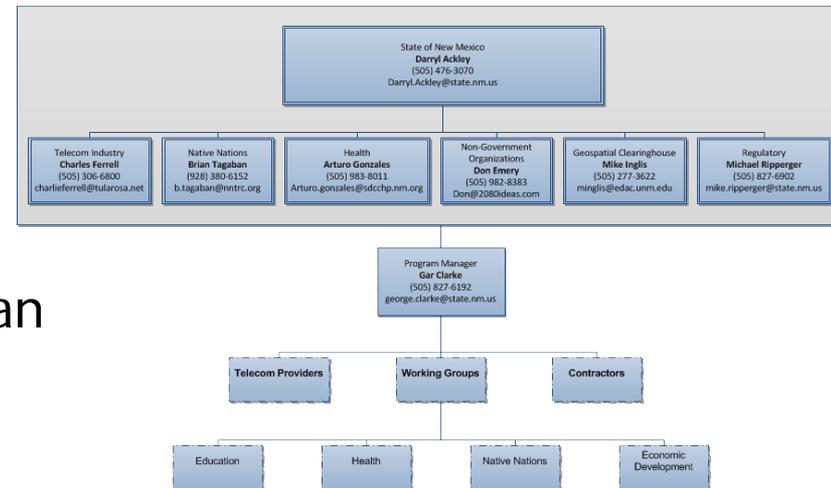
CAPACITY BUILDING: BBEC

■ NM BB Executive Committee

- Governance: Darryl Ackley/Mike Baca
- Industry: Charles Ferrell
- Regulation: Mike Ripperger
- Health: Arturo Gonzales
- Native Nations: Brian Tagaban
- Non Profits: Don Emery
- Libraries: Devon Skeele
- NM Geospatial Data Clearinghouse: Mike Inglis



New Mexico Broadband Executive Committee

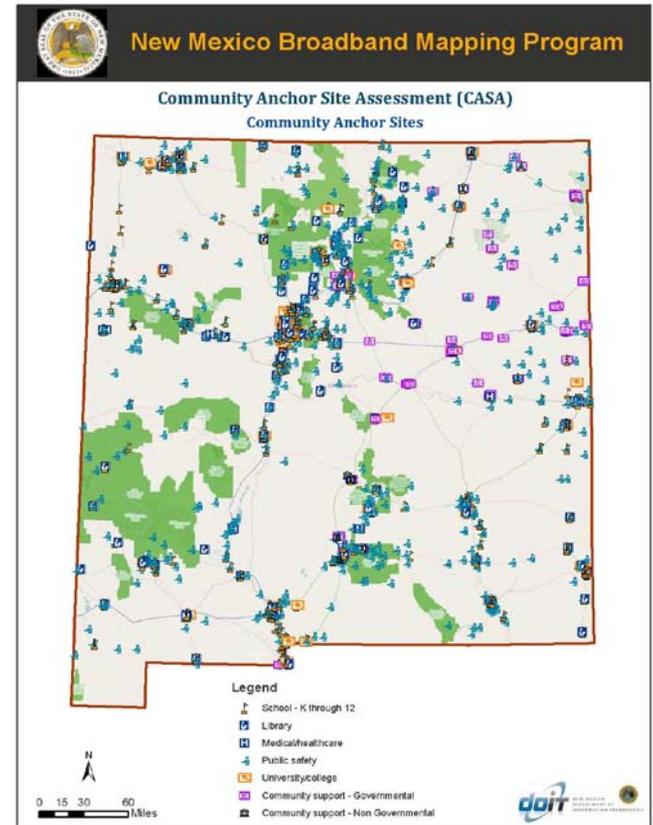


CAPACITY BUILDING: CASA

- Community Anchor Site Assessment
 - Integrated Database of Structures
 - Fire Stations (Fire Marshall)
 - Government Buildings (General Services/LCS)
 - Health Facilities (Dept. of Health)
 - Libraries (State Library)
 - Schools (Public Schools Facilities Authority)
 - Readiness Centers (National Guard)
 - Emergency Operations Center (US DHS/HSIP)
 - Miscellaneous (USGS/GNIS)
 - Update Strategy - CrowdSourcing

Test CrowdSourcing -

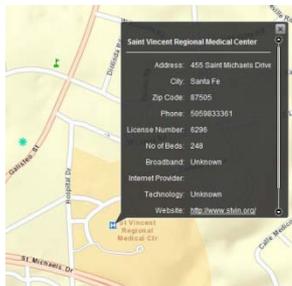
<http://www.doit.state.nm.us/broadband/surveys.shtml>

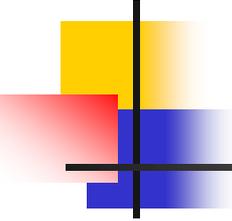




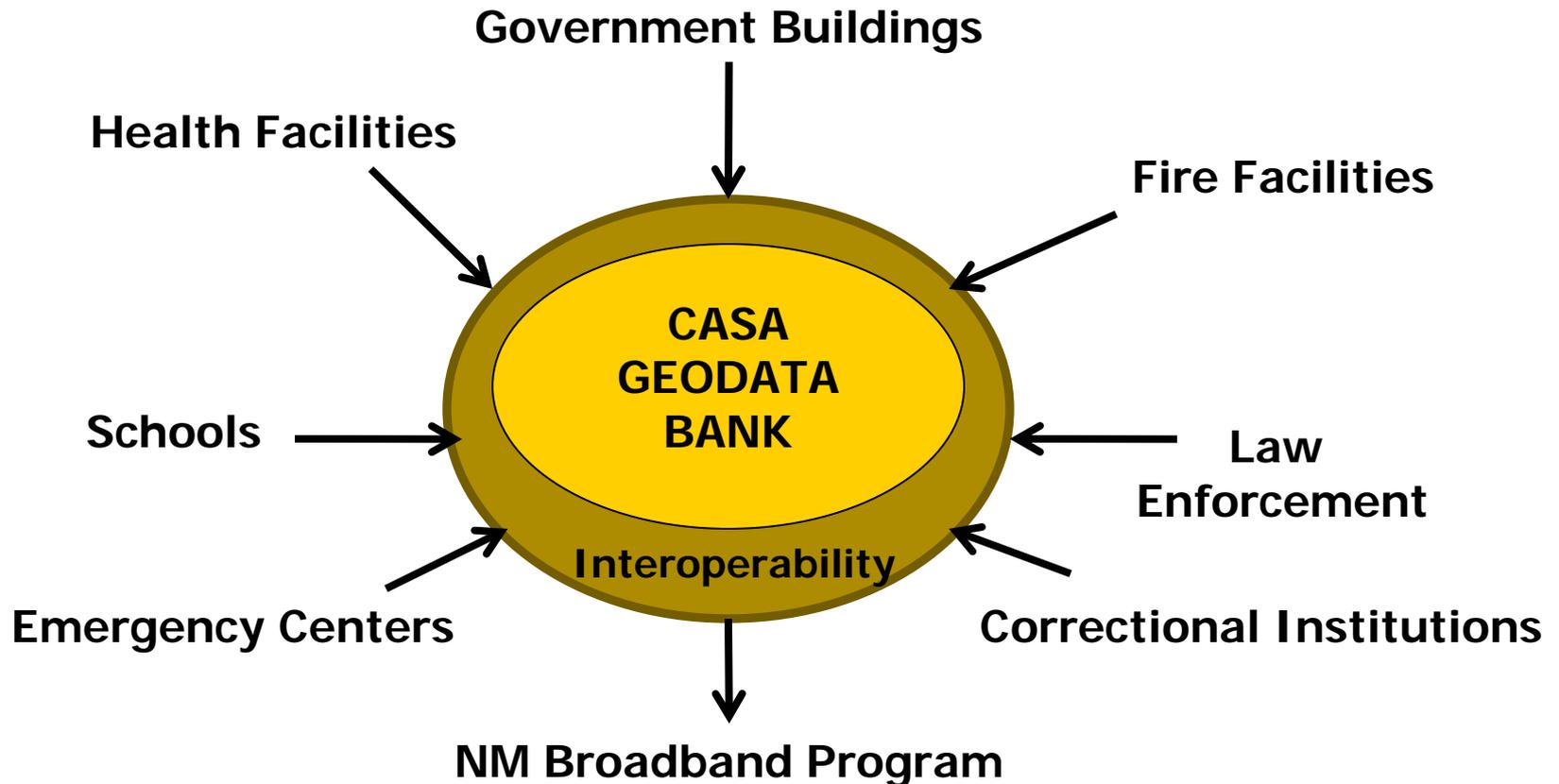
CASA: Data Classification

- Medical/Healthcare
 - Hospitals (57)
 - Nursing Homes (8)
 - Urgent Care (39)
 - School Based HC (53)
 - Federally Qualified HC (150)
 - Emergency Medical Services
- Public Safety
 - EOC
 - Fire Stations
 - Law Enforcement
 - Correctional Facilities
- Education
 - Public Schools – K12
 - Higher Education
- Government
 - State Government
 - Local Government
- Library
 - Regional
 - Branch
- Non-Governmental





CASA: Asset Management



BROADBAND: Projects

- State Broadband Projects
 - Approximately \$400 Million
 - Over 20 Projects
 - Construction/Digital Literacy/Planning
 - Health/Schools/Libraries
- Issues
 - Centralized Planning Function Lacking
 - Statewide Prioritization
 - Infrastructure Redundancy

NEW MEXICO BROADBAND GRANTEES

The following listing includes entities in New Mexico that have been awarded Broadband grants. Click the Grantee name for more details about the project and contact information.

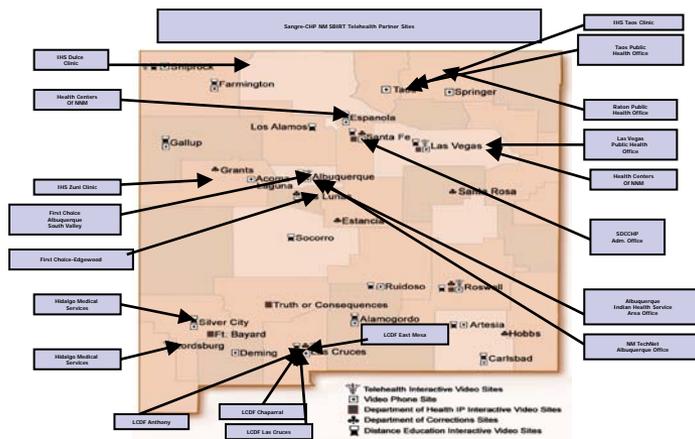
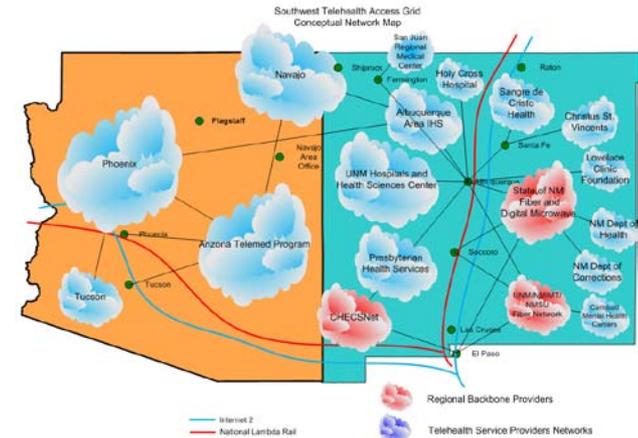


Grantee: Kit Carson Rural Electric Coop Total Awarded: \$65,700,000
Grantee: University Coop. for Advanced Internet Development Total Awarded: \$62,500,000
Grantee: Hughes Network Services Total Awarded: \$56,000,000
Grantee: DoIT - Public Safety Network Total Awarded: \$26,700,000
Grantee: Navajo Tribal Utility Authority (Commnet Wireless) Total Awarded: \$22,200,000
Grantee: One Economy Corp. (Albuquerque) Total Awarded: \$20,500,000
Grantee: Wildblue Communications Total Awarded: \$19,350,000
Grantee: SMMH Phone Telephone Total Awarded: \$18,500,000
Grantee: Communications Service for the Deaf Total Awarded: \$18,000,000
Grantee: La Joferta Rural Telephone Coop Total Awarded: \$17,000,000
Grantee: SMMH Phone Telephone Total Awarded: \$17,000,000
Grantee: NCMWISD - Hobbs Total Awarded: \$16,500,000
Grantee: Hispanic Valley Telecom Total Awarded: \$9,600,000
Grantee: DoIT - 350201 Total Awarded: \$4,000,000
Grantee: Mission Economic Development Agency (Anthony, NM) Total Awarded: \$3,700,000
Grantee: Socorro Valley Telephone Coop Total Awarded: \$3,200,000
Grantee: Windham Communications Total Awarded: \$2,200,000
Grantee: Mt. State Library - Push-Forward New Mexico Total Awarded: \$1,500,000
Grantee: Zuni/Grande (Santa Fe Boys and Girls Club) Total Awarded: \$1,400,000
Grantee: San Johnston Public - NewCom Total Awarded: \$1,200,000
Grantee: Santa Fe Civic Housing Authority Total Awarded: \$200,000



TELEHEALTH: Projects

- SW TeleHealth Access Grid
- Sangre de Cristo HP SBIRT
- Project ECHO
- Health Exchange Network

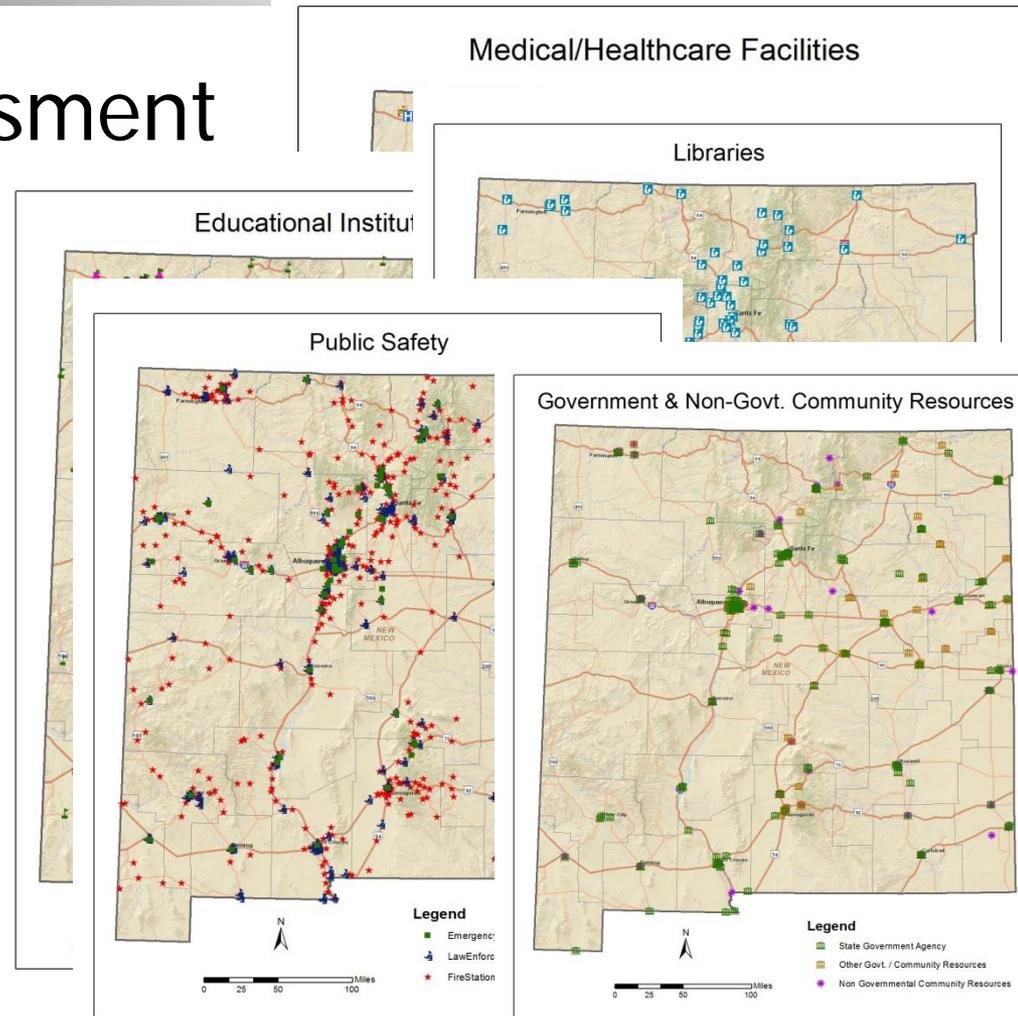


- Common Requirements
 - Infrastructure
 - Collaboration
 - Sustainability

TELEHEALTH: Infrastructure

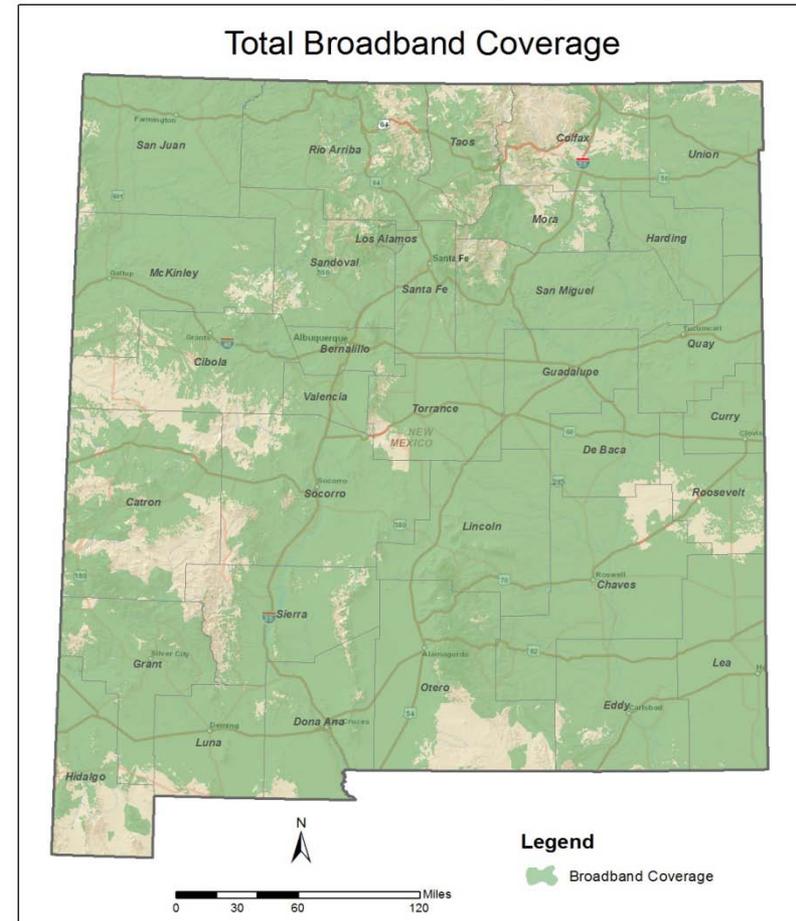
Statewide Assessment

- Facilities
- Technologies
- Performance
- Future Needs
- Business Plans



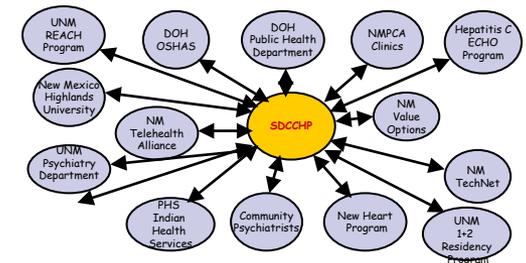
TELEHEALTH: Availability

- Statewide Assessment
 - Provider Cooperation
 - Standardized Reporting
 - Technologies
 - Performance
 - Inadequate Service

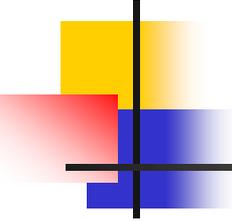


TELEHEALTH: Collaboration

- Collaborative Entity*
 - Quasi Governmental Organization
 - Legally Created Authority
 - Provides for strong Public and Private Partnerships
 - Functional Areas
 - Strategic Planning Updates and Implementation
 - Identify and Pool Match Requirements
 - Grant Administration
 - Facilitate Project Cooperation

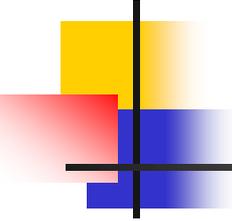


* These ideas have originated from a number of sources reviewed during the course of the last 2.5 years of the BB Program. They have not been reviewed by State Executives



TELEHEALTH: TimeLine

- New Mexico Broadband Strategic Plan
 - Completion – February 2014
 - Health Section - December 2012
- Infrastructure Assessment
 - Community Anchor Site Assessment (CASA)
 - Service Providers, Technologies, Performance
 - February 2013



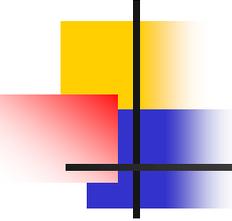
BROADBAND SUMMIT

■ Broadband Summit

- Host: NM State Library Fast Forward NM
- When: 3 August 2012
- Where: Albuquerque Marriot
- Register: <http://nmfirst.businesscatalyst.com/BookingRetrieve.aspx?ID=116885>
- Issue Areas
 - Digital Literacy
 - Education
 - Economic Development
 - Health
 - Tribal
 - Governance and Collaboration

Statewide
Broadband
Summit





HEALTH: Video

BROADBAND'S IMPACT ON HEALTHCARE The Future of TeleMedicine

New Mexico Broadband Program
Department of Information Technology



QUESTIONS



NEW MEXICO
DEPARTMENT OF
INFORMATION TECHNOLOGY



Contact:
Gar Clarke, NM Broadband Program Manager
george.clarke@state.nm.us



National Telecommunications
and Information Administration