New Mexico Broadband Program
New Mexico Department of Information Technology

Program Description: The **New Mexico Broadband (NMBB) Program** defines the state's broadband/Internet availability and enhances its adoption. The NMBB Program accomplishes these goals through several statewide projects and partnerships for *Mapping*, *Planning*, *Capacity Building*, and *Technical Assistance*. New Mexico's Department of Information Technology (NM DoIT) Geospatial Program Manager implements this program and further supports it with guidance and coordination for geospatial mapping and data acquisition projects and collaborations. <www.doit.state.nm.us/broadband/>

NM Broadband Program Goals: Provide broadband data analysis and maps; develop and launch a Web map where a user can enter an address to see available broadband service providers and technologies; make available a speed-testing utility to validate network performance; compile and serve a database of community anchor institutions to support broadband adoption; and develop and provide training videos and toolkits. All NM Broadband Web maps are publicly accessible, interactive, and dynamic.

NM Broadband Program Activities:

NTIA Submittal Collect, process, verify/validate, analyze, and format NM Internet Service Provider data; develop and document the NM Broadband mapping methodology and specification.

NMBB Map Develop, host, maintain, and update the NM Broadband Web mapping application for broadband/Internet service coverage and technology type. The NMBB Map also includes roads, structures, boundaries, parcels, and community anchor institutions (CAIs). <nmbbmapping.org/mapping/>

NM CASA and CASA Crowdsourcing Map Develop, host, maintain, and update the NM Community Anchor Site Assessment (CASA) Web map and crowdsourcing/editing application and database. <nmbbmapping.org/bbcrowd/>

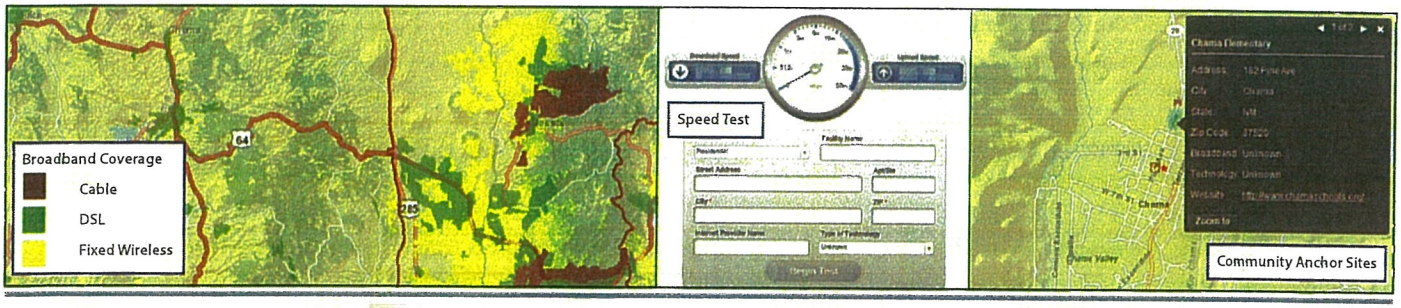
NMBB Speed Test Host and maintain the Web-based NMBB Speed Test application and process the data results. <nmbbmapping.org/speedtest/>

NM Regional Broadband Implementation Plan (NM RBIP) Develop and provide an implementation plan as a working framework for the collaborative planning, design, and implementation of broadband infrastructure in regional areas of New Mexico. <www.doit.state.nm.us/broadband/news.shtml>

NM Broadband Subscription and Internet Use Develop and implement a statewide survey for Internet access and use in New Mexico households; provide an analysis of patterns of and barriers to broadband/Internet adoption in the state. <www.doit.state.nm.us/broadband/news.shtml>

NM Community Broadband Master Plan Guidebook Develop and provide a guidebook that explores a range of technical, business, and partnership models to help communities find the best approach to providing broadband to all of its citizens. <www.doit.state.nm.us/broadband/news.shtml>

NMBB Digital Literacy Resources (DLR) Develop, host, maintain, and update the NMBB DLR Web map with public Internet access and training resources. <nmbbmapping.org/pita/> Training Videos: <www.youtube.com/nmbroadband>



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National Telecommunications and Information Administration

Got Broadband ...? Mapping Internet access in New Mexico

Do you use the Internet? Search the Web? Send and read e-mail? Upload your photos and videos? You are likely among the many New Mexicans who use broadband, or the Internet, daily for commerce, information, business, entertainment, and to stay in touch with friends and family. The New Mexico Broadband Program (NMBBP), guided by the Department of Information Technology (DoIT), benefits you with its two major objectives: to define broadband availability and to enhance broadband adoption in New Mexico. The NMBB Map (http://nmbbmapping.org/), a free and easy-to-use component of the NMBB Program, is an important service toward realizing these goals.

Twice a year, the NMBB Program collects and processes NM Internet Service Provider (ISP) data for broadband availability and technology type. The Program then uploads those data to the National Telecommunications and Information Administration for use in the National Broadband Map and enhances the publicly accessible New Mexico Broadband Map. This map has recently been updated with data from the participating companies.

Earth Data Analysis Center (EDAC) performs the primary role in collecting, processing, and analyzing New Mexico ISP data for the NMBB Program. EDAC and ISPs communicate throughout these activities to verify and validate data accuracy and broadband coverage. Broadband data are formatted according to a nationally consistent data model and merged with other state's data to produce a broadband map for the entire country. The New Mexico Broadband Map provides the public with community-level broadband footprints, providers, and technology types. One can even take a speed test. This interactive and dynamic map includes tools to enhance the public's decision making, exploration and discovery of local broadband services. EDAC analyst Sandeep Talasila believes that "the New Mexico Broadband Map is a great tool for bringing ISPs and Customers together, by advertising ISP's broadband service availability and helping customers to select the services they need."

New Mexico Broadband Mapping Resources

The NMBB Program strives to benefit New Mexicans. An inspiring outcome of the program's integrity and citizenship is that New Mexico is nationally recognized as a successful, innovative, and productive program in the State Broadband Initiative. As Program Manager Gar Clarke notes, "Our active collaboration with New Mexico's Internet Service Providers and our superb partners is the reason for our success, for why we are seen as leaders in New Mexico and in this nationwide effort."

Got Broadband ...?

About the NM Department of Information Technology Broadband Program

The New Mexico Department of Information Technology (NM DoIT) Geospatial Information Officer manages the NM Broadband Program, as grantee in the State Broadband Initiative. Visit NM DoIT's broadband site for additional information that includes digital literacy training materials, downloadable maps, and directions to other resources.

New Mexico Broadband Program: http://www.doit.state.nm.us/broadband/

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