U.S. DEPARTMENT OF COMMERCE	2. Award Or Grant Number
	19-50-M09047

Performance Progress Report

	4. Report Date (MM/DD/YYYY)
	07-02-2012

1. Recipient Name	6. Designated Entity On Behalf Of:
Connected Nation, Inc. - Iowa	State of Iowa

3. Street Address	8. Final Report?	9. Report Frequency
1020 College Street, P.O. Box 3448,	◯ Yes	◉ Quarterly
	◉ No	◯ Semi Annual
5. City, State, Zip Code		◯ Annual
Bowling Green, KY 42102-3448		◯ Final

7. Project / Grant Period Start Date: (MM/DD/YYYY)	7a. End Date: (MM/DD/YYYY)	7b. Reporting Period End Date:	9a. If Other, please describe:
01-01-2010	12-31-2014	06-30-2012	N/A

10. Broadband Mapping   10a. Provider Table

Number of Providers Identified	Number of Providers Contacted	Number of Agreements Reached for Data Sharing	Number of Partial Data Sets Received	Number of Complete Data Sets	Number of Data Sets Verified
0	0	0	0	0	0

10b. Are you submitting the required PROVIDER DATA by using the Excel spreadsheet provided by the SBDD grants office? ◯ Yes ◉ No

10c. Have you encountered challenges with any providers that indicate they may refuse to participate in this project? ◉ Yes ◯ No

10d. If so, describe the discussions to date with each of these providers and the current status

Mechanicsville Telephone Company: The provider was non-responsive during the April 2012 mapping cycle to NTIA. Multiple contact attempts were made, and as of June 27, 2012, the provider remains non-responsive.

Netconnect: The provider elected not to participate during the April 2012 mapping cycle to NTIA. As of April 30, 2012, the provider remains non-responsive.

Schaller Telephone Company: The provider was non-responsive during the April 2012 mapping cycle to NTIA. Multiple contact attempts were made, and as of May 1, 2012, the provider remains non-responsive.

10e. If you are collecting data through other means (e.g. data extraction, extrapolation, etc), please describe your progress to date and the relevant activities to be undertaken in the future

No data has been collected through extraction or extrapolation.

10f. Please describe the verification activities you plan to implement

Connect Iowa deployed a new interactive mapping web application, called My ConnectView, on April 2, 2012. The application is housed in a highly available, monitored, and managed environment. New feedback features allow consumers to send comments directly to program geographic information systems (GIS) staff; a screenshot of the user's current interactive map view is also attached to the feedback to provide additional details.

Consumer feedback in the form of broadband inquiries is also collected. These inquiries represent any type of communications received from the public regarding broadband service. Once broadband inquiries are received across the state, this information is overlaid with the broadband availability information which was collected through the State Broadband Initiative (SBI) program. This allows for a real-world comparison of the broadband landscape to the information received from broadband inquiries. Broadband inquiries are able to provide three types of information: 1) residents who do not have broadband but want it; 2) residents who have broadband but want a different provider; and 3) residents who do not have broadband, but the broadband inventory maps indicate that they do. If residents within a region state that they are without broadband, but the broadband inventory maps show otherwise, this allows Connected Nation to approach the providers within that area in an effort to trim down their coverage to more accurately represent real-world availability on the ground.

As of this report, field validation has been completed on 65.52% of the provider universe. Coverage estimation field audits and/or updates were completed on non-participating providers (Internet Solver and RuralWaves) which, by nature of the methodology, is

similar to conducting a data validation on participating providers. The year-end goal for 2012 (testing a minimum of 60.00% of the viable provider universe) has been achieved.

10g. Have you initiated verification activities? ⦿Yes ◯No

10h. If yes, please describe the status of your activities

The new interactive broadband map, My ConnectView, was launched on April 2, 2012 and is publicly available on the Connect Iowa website (http://www.connectiowa.org/interactive-map). The interactive map received a total of 968 visits between April 2, 2012, and June 30, 2012.

During this quarter, the project received a total of 10 broadband inquiries. Additional information received through e-mail from consumers that can also be used for verification purposes totaled 10.

For this reporting period, 231 new and/or supplemental field verification tests were conducted. Thus far, project staff conducted multiple tests on the following providers: Ace Telephone Association; Algona Municipal Utilities; Alliance Communications; Alpine Communications; Ambercomm; AT&T Inc.; Atkins Telephone; Aventure Communications; Ayrshire Farms Mutual Telephone Company; Bitwind Communications LLC; Brooklyn Mutual Telecommunications Cooperative; Butler-Bremer; Cable ONE Inc.; Casey Mutual Telephone Company; Cedar Falls Utilities; Central Scott Telephone; CenturyLink (acquired Qwest Corporation); Chat Mobility; Circle Computer Resources (d.b.a. Cramer IT); Citizens Mutual Telephone Cooperative; City of Hawarden; Clarence Telephone Company; Clearwire Corporation; CML Telephone Cooperative Association of Meriden, Iowa; Colo Telephone Company; Community Cable Television Agency of O'Brien County; Community Digital Wireless; Complete Communication Services; Coon Rapids Municipal; Coon Valley Cooperative Telephone; Cooperative Telephone Company; Cooperative Telephone Exchange; Cornbelt Telephone; Cumberland Telephone; Danville Mutual Telephone Company; East Buchanan Telephone Cooperative; Ellsworth Cooperative Telephone Exchange; Evertek Enterprises; Farmers & Merchants Mutual Telephone Company;...

Please refer to the Q2 Iowa Supplemental Answers Document for additional information.

10i. If verification activities have not been initiated please provide a projected time line for beginning and completing such activities

Not applicable.

Staffing

10j. How many jobs have been created or retained as a result of this project?

9.36

Connect Iowa's FTEs reported for the quarter include 5.67 FTEs for staff, 1.08 FTEs for permanent consultants, and 2.61 FTEs for temporary, cyclical contractors. The project is fully staffed with a base of 6.75 FTEs.

Connected Nation has numerous staff working on the Connect Iowa project, some at only a small percentage of their time. This approach is beneficial to the project in various ways: some staff provide necessary project support, many staff work together utilizing a team approach, and others are subject matter experts in their respective areas. By leveraging the expertise of the subject matter experts, the project benefits from their knowledge and skills without the necessity of supporting a more expensive full-time resource.

10k. Is the project currently fully staffed? ⦿Yes ◯No

10l. If no, please explain how any lack of staffing may impact the project's time line and when the project will be fully staffed

Not applicable.

10m. When fully staffed, how many full-time equivalent (FTE) jobs do you expect to create or retain as a result of this project?

This project is fully staffed with a base of 6.75 FTEs.

10n. Staffing Table

Job Title	FTE %	Date of Hire
Connected Nation - Broadband Planning Manager	11	09/04/2007
Connected Nation - Business Programmer Analyst	2	04/02/2007
Connected Nation - CAI Manager	5	12/13/2004

Connected Nation - Chief Policy Counsel	2	08/09/2010
Connected Nation - Compliance Coordinator	6	08/01/2008
Connected Nation - Director Program Support	11	12/01/2004
Connected Nation - ETS Analyst	11	07/13/2009
Connected Nation - ETS Analyst	19	07/13/2009
Connected Nation - ETS Analyst	24	11/01/2007
Connected Nation - ETS Analyst	83	08/03/2009
Connected Nation - ETS Manager	13	07/01/2007
Connected Nation - GIS Analyst	1	11/16/2009
Connected Nation - GIS Analyst	58	09/17/2007
Connected Nation - GIS Services Manager	2	05/15/2007
Connected Nation - Grants Management Officer	10	02/24/2003
Connected Nation - Outreach & Awareness Manager	5	03/24/2009
Connected Nation - Outreach & Awareness Specialist	3	10/01/2007
Connected Nation - Outreach & Awareness Specialist	8	02/02/2009
Connected Nation - Outreach & Awareness Specialist	10	01/04/2010
Connected Nation - Outreach & Awareness Specialist	23	01/04/2010
Connected Nation - Partnership Manager	2	07/01/2007
Connected Nation - Policy & Research Outreach Specialist	4	03/24/2009
Connected Nation - President & COO	3	01/14/2008
Connected Nation - Program Manager	97	08/22/2011
Connected Nation - Project Coordinator	5	04/01/2005
Connected Nation - Project Management Director	7	12/16/2009
Connected Nation - Project Manager	4	08/20/2007
Connected Nation - Project Manager	45	03/16/2010
Connected Nation - Provider Relations Manager	9	02/17/2005

Connected Nation - Research & GIS Analyst	7	05/14/2007
Connected Nation - Research Analyst	1	10/17/2011
Connected Nation - Research Analyst	1	09/19/2011
Connected Nation - Research Analyst	3	06/01/2009
Connected Nation - Research Analyst	33	02/01/2010
Connected Nation - Research Manager	10	05/14/2007
Connected Nation - State & Local Program Director	12	08/04/2008
Connected Nation - State Services Specialist	3	02/02/2009
Connected Nation - State Services Specialist	14	03/24/2009
Consultant - Associate Counsel	3	09/14/2009
Consultant - ETS Analyst	29	02/08/2010
Consultant - ETS Analyst	40	05/01/2012
Consultant - ETS Sr. Analyst	34	02/18/2010
Consultant - Financial Consultant	2	04/01/2008
IARC - Community Tech Team Specialists	87	01/20/2012
IARC - Community Tech Team Specialists	87	01/20/2012
IARC - Community Tech Team Specialists	87	01/20/2012

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Sub Contracts

10o. Subcontracts Table

Name of Subcontractor	Purpose of Subcontract	RFP Issued (Y/N)	Contract Executed (Y/N)	Start Date	End Date	Federal Funds	In-Kind Funds
Thoroughbred Research Group	Research Surveys	Y	Y	02/09/2010	02/08/2012	167,350	0
Contract Labor	Contract Labor	N	Y	01/01/2010	12/31/2014	359,346	250,280
IARC	Community Engagement	N	Y	01/20/2012	09/30/2012	88,974	48,101

Add Row   Remove Row

Funding

10p. How much Federal funding has been expended as of the end of the last quarter? $2,820,005   10q. How much Remains? $2,949,937

10r. How much matching funds have been expended as of the end of last quarter? $593,749   10s. How much Remains? $852,725

10t. Budget Worksheet

Mapping Budget Element	Federal Funds Granted	Proposed In-Kind	Total Budget	Federal Funds Expended	Matching Funds Expended	Total Funds Expended
Personal Salaries	$1,781,593	$154,543	$1,936,136	$817,123	$1,689	$818,812
Personnel Fringe Benefits	$382,149	$45,123	$427,272	$172,890	$362	$173,252
Travel	$284,757	$0	$284,757	$105,652	$582	$106,234
Equipment	$146,140	$0	$146,140	$89,648	$0	$89,648
Materials / Supplies	$49,415	$0	$49,415	$30,096	$0	$30,096
Subcontracts Total	$1,187,286	$295,447	$1,482,733	$676,448	$333,139	$1,009,587
Subcontract #1	$301,831	$0	$301,831	$167,350	$0	$167,350
Subcontract #2	$664,002	$295,447	$959,449	$395,946	$285,038	$680,984
Subcontract #3	$17,540	$0	$17,540	$12,006	$0	$12,006
Subcontract #4	$38,683	$0	$38,683	$12,172	$0	$12,172
Subcontract #5	$165,230	$0	$165,230	$88,974	$48,101	$137,075
Construction	$0	$0	$0	$0	$0	$0
Other	$37,181	$896,648	$933,829	$28,039	$255,656	$283,695
Total Direct Costs	$3,868,521	$1,391,761	$5,260,282	$1,919,896	$591,428	$2,511,324
Total Indirect Costs	$1,901,421	$54,713	$1,956,134	$900,109	$2,321	$902,430
Total Costs	$5,769,942	$1,446,474	$7,216,416	$2,820,005	$593,749	$3,413,754
% Of Total	80	20	100	83	17	100

Hardware / Software

10u. Has the project team purchased the software / hardware described in the application? ●Yes ○No

10v. If yes, please list
Hardware/Software purchases for the project to date include the following:
• Interactive Mapping Application - $60,000
• GIS Software & Maintenance - $15,329
• Computers & Software - $15,441
• Spectrum Analyzer - $9,008
• Speed Test Software - $4,081
• Google Earth Pro - $585

10w. Please note any software / hardware that has yet to be purchased and explain why it has not been purchased

Remaining purchases may include SQL server for mapping geodatabase, SQL server software, multiple dedicated storage servers, security application, additional backup replication solution, computers, GPS units, interactive map upgrades/maintenance, ArchInfo/ArcGIS maintenance, and speed test updates as well as computers and software maintenance.

10x. Has the project team purchased or used any data sets? ●Yes ○No

10y. If yes, please list

Connect Iowa received a listing of Community Anchor Institution (CAI) addresses and technology data from the Iowa Communications Network as part of an in-kind match contribution to assist Connect Iowa with its mapping and planning goals - $25.

10z. Are there any additional project milestones or information that has not been included? ●Yes ○No

10aa. If yes, please list

In an effort to increase CAI data during this reporting period, Connect Iowa has approached a single CAI sector per month. This has allowed focus from the Connect Iowa team and support from the state partner to identify organizations to support data outreach. We have experienced significant increases in data numbers because of the focused approach of data collection.

10bb. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing
Connect Iowa has experienced some challenges regarding support from state agencies and departments related to the Community Anchor Institutions (CAI) outreach. Their support is vital to the success of this outreach. Therefore, it became essential to enlist the support of the state partner (the Iowa Economic Development Authority) to encourage outreach.

For Q2 2012, Connect Iowa's match percentage based on total expenditures was 17.39%. Thus Connect Iowa (CIA) will fall short of the required match percentage by 2.65%. Connect Iowa is working with the Iowa Economic Development Authority to identify additional sources of match. Through the receipt of in-kind match from sub-recipient, the Iowa Association of Regional Councils, volunteers participating in the Local/Regional Technology Planning Teams and CIA Advisory Committee, as well as datasets from various state entities, Connect Iowa expects to meet it's required match percentage in Q3 2012. Connect Iowa has filed a non-federal cost share waiver through the Q3 2012.

10cc. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project
The Connect Iowa initiative celebrated several milepost successes this quarter, including positive mainstream media stories on the project's mapping resources and broadband expansion efforts to more than 24.9 million news consumers. The Connect Iowa monthly e-newsletter has been distributed to more than 460 subscribers. The e-newsletters disseminated to stakeholders during Q2 2012 are presented as PDF attachments to this report.

Connect Iowa released new broadband access figures this quarter that indicate the broadband availability gap in the state is shrinking, with 93.5% of Iowa residents now having access to fixed broadband of 3 megabytes per second (Mbps) download or higher, compared to 92.5% last year. Other key findings from this research suggest that 82.2% of Iowa households can access broadband at advertised speeds of 6 Mbps download/1.5 Mbps upload, meaning that nearly 218,000 households are in areas that may be eligible for Universal Service Fund broadband deployment subsidies. (http://www.connectiowa.org/recent-news/news-release-connect-iowa-releases-new-broadband-access-figures)

11. Broadband Planning

11a. Please describe progress made against all goals, objectives, and milestones detailed in the approved Project Plan. Be sure to include a description of each major activity / milestone that you plan to complete and your current status
Broadband Capacity Building Year 3, Quarter 2 milestones per approved project plan:
Milestone: Connect Iowa Office Administration and Iowa Broadband Deployment Governance Board support.
This milestone was met. Connect Iowa continued to provide administrative project oversight involving a variety of tasks that encompass administering the project plan, managing workflow and timeline, verifying work quality, gathering documentation in support of community outreach/projects, and preparing reports as required by the Iowa Economic Development Authority (IEDA) and other stakeholders. The position of Program Manager for the Connect Iowa program continues to be extremely beneficial towards providing support for the program and expanding the broadband adoption rates in the state of Iowa.

Milestone: Conduct the meeting(s) of the Iowa Broadband Deployment Governance Board in Year 3, Quarter 2.
This milestone was partially met. The Iowa Broadband Deployment Governance Board (IBDGB) has not been reinstituted with new members assigned to carry out the work of broadband adoption in the state. The IBDGB has not convened since April 2011 and has yet to reorganize, and therefore, the future of the statutorily created IBDGB remains uncertain at this time. However, Connect Iowa has worked in conjunction with the Iowa Economic Development Authority to pursue alternative methods of completing this milestone. As a result, the Connect Iowa Advisory Committee was formed and convened one meeting this quarter.

Please refer to the Q2 Iowa Supplemental Answers Document for additional information.
11b. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the project team is employing
Local/Regional Technology Planning Teams
The challenges experienced with the local/regional tech planning team project are unique to the individual region. Obstacles experienced in one area of the state may not be an issue for communities in other regions of Iowa.

Below is a summary of the challenges reported by Iowa's Council of Governments (COGs) and IARC staff, along with strategies that have been implemented to address challenges:

1. Scheduling community meetings. Some regions have had some difficulty with finding dates and times for community meetings that work for everyone involved. With committee members being involved in other projects, holding jobs, and having personal commitments, scheduling can become challenging. - To address this challenge, some kickoff meetings were scheduled over the lunch hour to accommodate committee members. Other regions chose to schedule meetings as far out as possible, in an effort to give committee members a good deal of notice so time can be set aside on their calendars.

Please refer to the Q2 Iowa Supplemental Answers Document for additional information.
11c. Does the Project Team anticipate any changes to the project plan for Broadband Planning? ⦿Yes ◯No

11d. If yes, please describe these anticipated changes. Please note that NTIA will need to approve changes to the Project Plan before they can be implemented

Broadband Capacity Building
Nothing to report.

Technical Assistance
The 2012 residential survey is now scheduled to be initiated in Q3 2012 instead of Q2 2012. In turn, the 2012 residential survey will be analyzed and initial results will be released to the state in Q4 2012, and the residential survey results will be finalized and released in Q1 2013.

Local/Regional Technology Planning Teams
Nothing to report.

Funding

11e. How much Federal funding has been expended as of the end of the last quarter? $0   11f. How much Remains? $0

11g. How much matching funds have been expended as of the end of last quarter? $0   11h. How much Remains? $0

11i. Planning Worksheet						
Personal Salaries	$0	$0	$0	$0	$0	$0
Personnel Fringe Benefits	$0	$0	$0	$0	$0	$0
Travel	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0
Materials / Supplies	$0	$0	$0	$0	$0	$0
Subcontracts Total	$0	$0	$0	$0	$0	$0
Subcontract #1	$0	$0	$0	$0	$0	$0
Subcontract #2	$0	$0	$0	$0	$0	$0
Subcontract #3	$0	$0	$0	$0	$0	$0
Subcontract #4	$0	$0	$0	$0	$0	$0
Subcontract #5	$0	$0	$0	$0	$0	$0
Construction	$0	$0	$0	$0	$0	$0
Other	$0	$0	$0	$0	$0	$0
Total Direct Costs	$0	$0	$0	$0	$0	$0
Total Indirect Costs	$0	$0	$0	$0	$0	$0
Total Costs	$0	$0	$0	$0	$0	$0
% Of Total	0	0	0	0	0	0

Additional Planning Information

11j. Are there any additional project milestones or information that has not been included?
Key initiative and research findings were presented to numerous stakeholder groups such as the Iowa Rural Development Council and directors of the Iowa Small Business Development Center. Information on the broadband landscape was presented at several statewide conferences.

Through continued efforts with program sub-recipient IARC, further outreach results have been achieved. In western Iowa, the leadership team in Mills County asked if the portal could be utilized by the public to provide the information needed to complete the assessment. Since the online portal is meant for only a few people to access, one of the telecom representatives suggested we establish an online tool in the form of a survey to collect additional information.

The telecom company will create the tool (using Survey Monkey) with guidance from COG staff, and links will be posted on various

websites. This will not be the only method of data collection; however, it will be just a companion to the public outreach.

11k. Please describe any challenge or obstacle that you have encountered and detail the mitigation strategies the Project Team is employing

Nothing to report.

11l. Please provide any other information that you think would be useful to NTIA as it assesses your Broadband Mapping Project
Broadband Capacity Building
Nothing to report.

Technical Assistance
Nothing to report.

Local/Regional Technology Planning Teams
Iowa's Connected local/regional technology planning teams are now in full engagement mode thanks to Connect Iowa's partnership with the IARC. In fact, 58 community kickoff meetings have been held. Another 30 Iowa communities have been identified and are expected to start engaging in local technology planning efforts in Q3 2012. IARC's COG members are working with Connect Iowa to identify community champions and help local governments create and establish technology committees within their counties and cities to promote broadband. Iowa's goal is to have 50 community assessments finished by the year's end.

Please refer to the Q2 Iowa Supplemental Answers Document for additional information.

12. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purpose set forth in the award documents.	
12a. Typed or Printed Name and Title of Authorized Certifying Official Bernie Bogle	12c. Telephone (area code, number, and extension)
	12d. Email Address bbogle@connectednation.org
12b. Signature of Authorized Certifying Official Submitted Electronically	12e. Date Report Submitted (Month, Day, Year) 07-27-2012