

14Q3_Supplemental Answers_Puerto Rico

Puerto Rico Governor's Office

Grant Number 72-50-M09040

Reporting Period End Date 09-30-14

14 a Project Attachment Data Collection

2. Describe any additional project milestones that have been accomplished over this reporting period (Ex. Updates to state broadband maps and websites, map outreach activities)

Our vendor, Connect Puerto Rico continues to maintain the interactive mapping web application, called My ConnectView. The application is housed in a highly available, monitored, and managed environment. My ConnectView is publicly available on the program website (www.connectpr.org). There were a total of 1,112 visits to the interactive map between July 1 and September 30, 2014.

One e-mail was received from a consumer this submission period that was also used for verification purposes. Users can also request non-confidential mapping data produced for the State Broadband Initiative (SBI) grant program: two such data requests were received between July 1 and September 30, 2014.

From program initiation through this reporting period, field validation testing has been completed against 18 companies (out of 25 viable providers) totaling 72% within the Commonwealth of Puerto Rico.

Geographic Information Systems (GIS) staff assisted providers with the development of deployment files for the Federal Communications Commission (FCC) Form 477 filing. Also, GIS staff created maps of eligible areas for Rural Broadband Experiments based on data released by the FCC.

The final data update submission under the SBI program included datasets for 88% of the Puerto Rico provider community, or 22 of 25 total providers. There were 22 participating providers. Of the 22 participating providers, 7 supplied an update to their network or coverage area(s), while 13 reported no change. The remaining 2 represent providers who previously supplied data but were non-responsive in the semi-annual data update effort; therefore, their previous dataset was put forward as part of this compilation. The 3 providers not represented in the datasets were currently in some form of progress toward data submission but were not able to submit coverage areas at the time of the final submission.

The final submission also included business/commercial providers; of the 21 residential datasets represented in this submission, including providers that offer multiple technology types, 14 were broadband datasets that do not distinguish between serving primarily residential or primarily non-residential users (end user category 5). There were 6 business-only broadband datasets (end user category 2) also included in the final submission.

Efforts continued to collect and review Community Anchor Institution (CAI) data. A comprehensive CAI spreadsheet containing broadband data from all Puerto Rico public schools, provided to the program by

the Puerto Rico Department of Education, was processed and included in the data submission. Connect Puerto Rico has now collected and submitted upload and download speed information for 1,445 of Puerto Rico's 1,646 mapped K-12 schools.

4. Provide any other information or statistics that you think would be useful to NTIA as it assesses your broadband data collection, Validation and publication activities.

Geographic Information Systems (GIS) staff began an analysis for an update to the Puerto Rico Strategic Broadband Plan.

Three monthly e-newsletters were drafted and distributed during the quarter to subscribers and stakeholders providing updates on the progress to expand broadband access, adoption, and use in Puerto Rico. These newsletters have been included in this report by way of the "14Q3_Project Attachment_Question 5_Puerto Rico" attachment.

14 b Project Attachment Original Planning Grant

2. Describe your progress meeting each major activity/milestone approved in the Project Plan for this project; any challenges or obstacles encountered and mitigation strategies you have employed; planned major activities for the next quarter; and any additional project milestones or information.

Connect Puerto Rico staff created a work plan for updating the Puerto Rico Broadband Strategic Plan. Staff reviewed broadband data and mapping needs to support plan development. Tables and graphs were prepared to include a trend analysis dating back to 2011, outlines were created, research was conducted, and writing began on multiple sections and case studies.

In Q3 2014, in conjunction with Island stakeholders and Estudios Técnicos, the data collection contractor, program staff implemented the survey instrument and began the data collection process for the 2014 residential telephone survey. The survey instrument was translated from English into Spanish and the data collection contractor began surveying Puerto Rican households in English and Spanish. That data collection process is underway and is expected to be completed in Q4 2014.

In addition, data collection continued through an online residential survey designed to supplement the telephone data collection process and determine how important broadband was in the respondents' decisions to move to Puerto Rico and establish costs that respondents would be willing to pay for broadband at higher download speeds. Efforts to increase the sample size continued as stakeholders promoted the online survey in their conversations with outside agencies.

Recommendations for both these online and the telephone survey scripts were provided by stakeholders and those recommendations are anticipated to be reflected in the reported survey results, which will also be incorporated into the update of the Puerto Rico Broadband Plan.

4. Provide any other information that you think would be useful to NTIA as it assesses this project's progress.

Staff participated in the August Puerto Rico Broadband Taskforce meeting via teleconference and attended the September Puerto Rico Broadband Taskforce meeting in person. Discussed topics include the Broadband Strategic Plan update efforts, assignments, and the timeline. Program staff also held program discussions, delivered updates on the program and the Federal Communications Commission's Rural Broadband Experiments program, and discussed program options with the Taskforce and several other stakeholders during the September visit. Additional discussions will be held in the coming months. Substantive information will be communicated in-person and via updates to the program website.