QUARTERLY PERFORMANCE PROGRESS REPORT FOR SUSTAINABLE BROADBAND ADOPTION

General Information

1. Federal Agency and Organizational Element to Which Report is Submitted	2. Award Identification Number	3. DUNS Number
Department of Commerce, National Telecommunications and Information Administration	**19-43-B10575**	**075844548**

4. Recipient Organization

Central Iowa Hospital Corporation 1200 Pleasant St, Des Moines, IA 503091406

5. Current Reporting Period End Date (MM/DD/YYYY)	6. Is this the last Report of the Award Period?
12-31-2012	◯ Yes ⦿ No

7. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purposes set forth in the award documents.

7a. Typed or Printed Name and Title of Certifying Official	7c. Telephone (area code, number and extension)
Tracy D Warner	515 241-3499
	7d. Email Address
Director, Rural Health Resourc	WarnerTD@ihs.org

7b. Signature of Certifying Official	7e. Date Report Submitted (MM/DD/YYYY):
Submitted Electronically	02-13-2013

Project Indicators (This Quarter)

1. Please describe significant project accomplishments completed during this quarter (600 words or less).

Clarke County Hospital has launched Emergency Department (ED)bedside report transfer which allows the ED nurse to utilize the telehealth equipment to give a bedside report to the receiving medical/surgical nurse. Initial talks were started with a hepatologist who was given a demonstration of the telehealth equipment, and explanation of how it is deployed into the specialty setting. Continued discussion with Infectious Disease (ID) physicians has taken place. The telemedicine team provided 2 informative sessions on telemedicine, to the Clarke High School Health Occupations Class. The students were able to learn more about the educational path of nurses, laboratory staff, pharmacist, and other professionals. Clarke County telemedicine team is continuing to support the anticipated deployment into the Des Moines ED by assisting with training and supportive video calls. The grant work completed in Q4 2012 by Grundy County Memorial Hospital (GCMH) included user outreach, equipment installations at five CAIs, telehealth equipment testing, conducting distance learning for EMS and schools, staff competency development and training on equipment usage. The telehealth technology was utilized in the quarter eight times for doctor-patient rounding on inpatients in the facility, and 53 times for medication verification in the pharmacy. Guthrie County Hospital (GCH) completed demonstrations with its medical staff and the Iowa Health-Des Moines wound healing center, and received equipment for emergency medical services (EMS) groups. Greene County Medical Center (GCMC) completed installations of two community anchor institutions this quarter. Additional activities included a GCMC health fair demonstration, installation of new switches to improve video capabilities, meeting with area fir departments to coordinate an EMS educational program, and physician and staff training. In addition, GCMC provided five telehealth patient visits with two different physician specialties. At Iowa Health-Des Moines (IH-DM), there has been further coordination of specialty service telemedicine plans with development of schedules for equipment installation and implementation dates for connection. This includes Emergency Department, Women's Services, and Occupational Medicine. The BTOP telemedicine teams, BTOP CEO Advisory Committee and Technical Advisory Committee continue to communicate and plan through regularly scheduled video calls as well as video calls to facilitate planning between BTOP partner hospitals and specialty services. We continue to address technology through research and discussion of software support applications including Cisco Health Presence and tConsult.

2. Please provide the percent complete for the following key milestones in your project. Write "0" in the Percent Complete column and "N/A" in the Narrative column if your project does not include this activity. If you provided additional milestones in your baseline report, please insert them at the bottom of the table. Figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (300 words or less).

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2.a.	Overall Project	72	The length of time to generate interest and implement technology at the projected institutions is much longer than expected. Newer technology solutions are also significantly less expensive than the technology originally planned.
2.b.	Equipment / Supply Purchases	-	Progress reported in Question 4 below
2.c.	Awareness Campaigns	-	Progress reported in Question 4 below
2.d.	Outreach Activities	-	Progress reported in Question 4 below
2.e.	Training Programs	-	Progress reported in Question 4 below
2.f.	Other (please specify):	-	Progress reported in Question 4 below

3. Please describe any challenges or issues faced during this past quarter in achieving planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).

As in past quarters, deployment is scheduled with a health care specialty, and the physician's office is forced to delay due to staffing issues, patient issues, or general lack of time. For example, The Weight Loss Center has delayed deployment due to major staffing issues and loss of provider, resulting in rescheduling numerous times. In addition, urology has been rescheduled per the provider's request. Development of specialty service telemedicine plans at IH-DM in Women's Services, Telemental Health, and Blank Pediatric Hospital Emergency Department has been delayed by leadership changes. Technology research has continued for Case Management telemedicine equipment for connection and communication although it has taken longer than anticipated. Information technology support for all components of telemedicine continues to be discussed and has not yet been completed.

4a. In the chart below, please provide the requested information on your BTOP grant-funded SBA activities. Please also provide a short description of the activity (600 words or less). Figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please ensure that the numbers of new household subscribers and business or community anchor institution (CAI) subscribers reflected in the "Total" row represent the unduplicated number of new subscribers that can be attributed to your SBA project as a whole.

Name of the SBA Activity	Location of SBA Activity	Description of Activity (600 words or less)	Size of Target Audience	Actual Number of Participants	New Subscribers: Households	New Subscribers: Businesses and/or CAIs
N/A	N/A	See attached SBA Activity Spreadsheet	56,979	52,139	0	69
Total:			**56,979**	**52,139**	**0**	**69**

4b. Please describe your method for determining the number of households, businesses, and/or (CAIs) subscribing to broadband as a result of your SBA programs (600 words or less).

The number of community anchor institutions (CAIs) subscribing to broadband is determined by the number of points of presence where video-conferencing technology has been implemented as a result of sustainable broadband activities.

4c. Please provide a narrative explanation if the total number of new subscribers is different from the targets provided in your baseline plan (600 words or less).

We are encountering a longer implementation period than what was originally anticipated for many of our subscribers. We have a six- to eight-week lead time to acquire equipment for subscribers which, coupled with a lengthy process for creating and finalizing contractual agreements, significantly slows down the adoption process.

4d. Please provide the number of households and the number of businesses and CAIs receiving discounted broadband service as result of BTOP funds.

Households: 0	**Businesses and CAIs :** 0

Project Indicators (Next Quarter)

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).

Greene County Medical Center (GCMC) will continue to explore sustainability measures. Further, GCMC will continue work on linkage with community partners to form a common network to better interact for programs and in the event of an emergency, and continue to pursue community anchor institution partners. Guthrie County Hospital (GCH) will continue working with outside groups to use the equipment as well as initiate dialogue started with area schools under the previous hospital administration. At Clarke County Hospital (CCH) in the next quarter, it is expected that infectious disease doctors and hepatology physicians will begin seeing patients. The emergency department (ED) will also be functioning, with Iowa Health-Des Moines ED physicians providing consultation to CCH. We anticipate lots of progress with connection between rural hospitals and Iowa Health-Des Moines Emergency Departments for nurse-to-nurse report prior to patient transfer. Implementation will begin for acute patient assessment for Telemental Health first between the IH-DM Emergency Departments then with at least one rural hospital. Technology decision will be finalized for Case Management telemedicine and plan details developed. IH-DM Hepatology telemedicine sevices plan will be developed with rural partner hospitals/ communities. Blank Pediatric Hospital Emergency Department providers, administrative and clinical leadership will assist to develop this part of the project. Grundy County Memorial Hospital plans to implement six new community anchor institutions in the upcoming quarter; including three hospitals & healthcare institutions and three emergency partners. This quarter our team will continue to develop the services of healthcare community anchor institutions that were established in prior quarters, including the Allen Hospitalist Program, Nephrology services, and the Allen Emergency Department. Outreach and planning activities will be conducted with the new community anchor institutions slated for implementation in 1st and 2nd quarter 2013. As we explore telehealth connections with three new healthcare provider endpoints, we will be developing protocols for conducting telehealth services and executing trial visits with the providers and their staff. The Telehealth Nurse will continue to work with schools and emergency medical services crews to develop and extend distance learning programming. We have several educational programs focused on health and nutrition which are planned for the schools this next quarter.

2. Please provide the percent complete anticipated for the following key milestones in your project as of the end of the next quarter. Write "0" in the second column if your project does not include this activity. If you provided additional milestones in your baseline report, please insert them at the bottom of the table. Figures should be reported cumulatively from award inception to the end of the next reporting quarter. Please provide a narrative description if the planned percent complete is different from the target provided in your baseline plan (300 words or less).

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2.a.	**Overall Project**	81	Continuing the momentum but still expect to have delays as we undertake the necessary steps to implement the various endpoints. These delays are being caused by changes in key leadership positions. The length of time to generate interest and implement technology at the projected institutions is much longer than expected. Newer technology solutions are also significantly less expensive than the technology originally planned.

2.b.	**Equipment Purchases**	-	Milestone Data Not Required
2.c.	**Awareness Campaigns**	-	Milestone Data Not Required
2.d.	**Outreach Activities**	-	Milestone Data Not Required
2.e.	**Training Programs**	-	Milestone Data Not Required
2.f.	**Other (please specify):**	-	Milestone Data Not Required

3. Please describe any challenges or issues anticipated during the next quarter that may impact planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).

During the next quarter, Guthrie County Hospital (GCH) will be implementing its hospital electronic health record (EHR) which will require the use of many information technology (IT) resources. Since these personnel will be focusing on this task, it will pose a challenge to have these resources available for implementation and installation of telehealth equipment.

Sustainable Broadband Adoption Budget Execution Details

Activity Based Expenditures (Sustainable Broadband Adoption)

1. Please provide details below on your total budget, cumulative actual expenditures (for the period ending the current quarter), and cumulative anticipated expenditures (for the period ending next quarter) for each line item, including detailed disbursements of both matching funds and federal funds from project inception through end of this quarter (actual) or next quarter (anticipated). Actual and anticipated figures should be reported cumulatively from award inception to the end of the applicable reporting quarter.

Cost Classification	Budget for Entire Project			Actuals from Project Inception through End of Current Reporting Period			Anticipated Actuals from Project Inception through End of Next Reporting Period		
	Total Cost (plan)	Matching Funds (plan)	Federal Funds (plan)	Total Cost	Matching Funds	Federal Funds	Total Costs	Matching Funds	Federal Funds
a. Personnel	$2,337,276	$754,475	$1,582,801	$1,500,743	$663,381	$837,362	$1,679,092	$763,785	$915,307
b. Fringe Benefits	$631,064	$342,251	$288,813	$398,175	$222,454	$175,721	$462,505	$258,818	$203,687
c. Travel	$128,046	$18,989	$109,057	$67,109	$7,224	$59,885	$78,740	$8,143	$70,597
d. Equipment	$10,201,553	$4,877,107	$5,324,440	$7,660,495	$4,022,373	$3,638,122	$8,617,934	$4,286,886	$4,331,048
e. Supplies	$847,073	$473,560	$799,713	$484,094	$13,556	$470,538	$597,797	$14,291	$583,506
f. Contractual	$211,500	$13,009	$198,491	$178,357	$0	$178,357	$211,500	$13,009	$198,491
g. Construction	$85,958	$85,958	$0	$86,737	$86,737	$0	$86,737	$86,737	$0
h. Other	$104,280	$85,780	$18,500	$84,875	$66,375	$18,500	$88,541	$70,041	$18,500
i. Total Direct Charges (sum of a through h)	$14,546,750	$6,651,129	$8,321,815	$10,460,585	$5,082,100	$5,378,485	$11,822,846	$5,501,710	$6,321,136
j. Indirect Charges	$0	$0	$0	$0	$0	$0	$0	$0	$0
k. TOTALS (sum of i and j)	$14,546,750	$6,651,129	$8,321,815	$10,460,585	$5,082,100	$5,378,485	$11,822,846	$5,501,710	$6,321,136

2. Program Income: Please provide the program income you listed in your application budget and actuals to date through the end of the reporting period.

a. Application Budget Program Income: $0	b. Program Income to Date: $0