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?
06-30-2013	◯ 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	08-07-2013

Project Indicators (This Quarter)

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

Clarke County Hospital brought on board 6 new specialty providers. The Weight Loss Center began n April. In June, the nurse practioner provided an educational seminar for the community which included information on surgical and non-surgical weight loss options that could be provided. This was done utilizing the telemedicine equipment. Infectious disease started this quarter and is providing follow up consultations as well as consultative sessions to the primary physicians through the Antimicrobial Stewardship program. The Emergency Department nurse to nurse report is up and running. When a patient transfers from Clarke County Hospital, to one of the affiliate tertiary hospitals, a report is given, using the telehealth equipment. This visual, real time report is enhancing communication, and improving care. Pathology physician is set up with the telemedicine equipment. The physician is now able to communicate with the Clarke County Hospital Lab director. The current ENT outreach provider was set up this quarter to provide telemedicine visits. Work completed by Grundy County Memorial Hospital included community and user outreach, installation planning, equipment installations and training at three community anchor institutions, conducting distance learning for emergency medical services and schools, and delivery of clinical patient care via telemedicine. A total of 7.75 hours of education were delivered in the quarter to a combination of students and teachers in K-12 schools and Emergency Medical Services staff. During the second quarter, our Information Technology staff devoted over 400 hours to troubleshooting technology at installed endpoints and to evaluating and testing new technology that is planned to be deployed. The telehealth technology was utilized in the quarter four times for doctor-patient rounding on inpatients in our facility, and 65 times for medication verification in the pharmacy, and 10 times for outpatient telemedicine clinic visits.   The main areas of focus for UnityPoint Health-Des Moines for the quarter included: continued planning for telemental Health; research into the use of telemedicine for Newborn Intensive Care Transport Team; Emergency Department video connection for nurse-to-nurse patient report for transfer; Women's Services and Greene County Medical Center video connection for nurse-to-nurse patient assessment. Video calls continued at least monthly with review of rural partner hospital activity; budget review; review of timeline and community anchor institutions; and technology discussion. On-site meetings were completed at each of the rural partner hospitals with telemedicine team members to review community anchor institution completion, timeline, budget, and close-out activity. Guthrie County Hospital worked on getting telemedicine equipment to the schools. 1. Please describe significant project accomplishments completed during this quarter (600 words or less).

We completed installations with (2) CAI targets this quarter. Additional accomplishments this quarter included: 11 Telehealth visits; 3 staff attended the ATA annual conference; completed the needs assessment and quotation process for a central monitoring solution; discussed work flow solutions at two healthcare conferences; explored additional grant and funding opportunities and potential partnerships for telehealth; made a presentation to the Iowa Department of Public Health; met with a community agency to assess their telehealth equipment needs; provided a virtual tour and telehealth demo to Unity Point Neonatology Transport team and physician; provided pathology with telehealth training; conducted the Clarke Community Health Occupations Presentation; participated in the Iowa Methodist Medical Center Women's Services Team Lead Meeting including a telehealth introduction and connectivity to Greene County Medical Center with a virtual tour of a birthing room and fetal monitor strip review; connected with the Iowa Lutheran Hospital Access Center via video conference with 4 Lutheran RNs to discuss Mental Health workflow; and, conducted a Virtual Incident Command Test with all Jabber users.

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**	79	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).

We were not able to onboard Oncology. We have worked with the provider, however, the physicians group is requesting additional

information. We continue to work with them.

The main challenges involved engaging and scheduling meeting for continued planning, coordination, and implementation with leadership and clinical staff with high patient census in areas including Newborn Intensive Care Unit, Emergency Department, Neonatal Intensive Care Unit Transport Team, Telemental Health. We have been working through the details and development of the contract for the distant site telemedicine credentialing process. This includes medical staff personnel at UnityPoint Health-Des Moines as well as the rural hospital credentialing staff for completing credentialing for Blank Pediatric Specialty Clinics, Neonatologists and Emergency Department Providers. All activities have required more meetings, interactions and follow-up for details than we had anticipated throughout the term of the grant.

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 worksheet	58,895	53,839	0	84
	Total:		**58,895**	**53,839**	**0**	**84**

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).

Over the next quarter, we will be deploying equipment and start programming with Des Moines University. Des Moines University is the 15th largest Medical School in the United States. Collaborativley, we have established uses for the telemedicine equipment that will allow the academia as well as medical portions of the school to provide services to our rural hospital. This will positively impact patients and staff. Grundy County Memorial Hospital plans to implement three new healthcare provider community anchor institutions in the upcoming quarter. The team will continue to develop the services of the healthcare community anchor institutions that have been established in prior quarters. This will involve training staff at the various healthcare institutions, developing policies and procedures for use, and executing trial visits with the providers and their staff. We will continue to conduct outpatient clinical care and inpatient physician consultation services via telehealth as we have been doing in prior quarters. As we look to the end of the BTOP grant in August 31 our team will be working diligently to wrap up all of our BTOP-related activities, including acquiring all of the remaining equipment and supplies covered by the grant, as well as preparation of all required closeout reporting. Next quarter the emphasis will be on deployment of the video and patient exam equipment with staff training in the clinical areas that have been and are in planning and development. Practice/demo sessions will be scheduled with implementation of plans with Blank Pediatric Clinic Specialists, Des Moines University clinical and academic departments/services, and Newborn Intensive Care providers. Further details for telemental Health with rural partner hospitals will be completed. BTOP video calls with all telemedicine team participation will continue with the focus on completion of the goals of the grant and providing assistance between rural partner hospitals to meet these goals. Discussion and planning will also be a critical priority for completion of grant reports and required close-out activity. Implement the final phase of our program once our final budget revisions have been accepted.

Greene County Medical Center will continue to explore sustainability measures by sharing materials and ideas with potential private partners in hopes to engage them from a financial and service perspective, and continue to link our community partners into a common network so they can better interact with one another for programs and in the event of an emergency.

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	100	No variance noted.
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).
No challenges or issues to note.

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	$1,794,150	$824,041	$970,109	$2,223,381	$1,011,617	$1,211,764
b. Fringe Benefits	$631,064	$342,251	$288,813	$484,556	$279,368	$205,188	$598,233	$330,132	$268,101
c. Travel	$128,046	$18,989	$109,057	$79,964	$16,067	$63,897	$131,938	$21,770	$110,167
d. Equipment	$10,201,547	$4,877,107	$5,324,440	$8,249,817	$4,393,278	$3,856,533	$9,352,594	$4,461,767	$4,890,827
e. Supplies	$847,073	$473,560	$799,713	$512,564	$15,311	$497,252	$729,268	$19,625	$709,642
f. Contractual	$211,500	$13,009	$198,491	$249,742	$442	$249,300	$330,520	$1,120	$329,400
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	$94,495	$75,995	$18,500	$145,618	$97,618	$48,000
i. Total Direct Charges (sum of a through h)	$14,546,744	$6,651,129	$8,321,815	$11,552,025	$5,691,239	$5,860,779	$13,598,289	$6,030,386	$7,567,901
j. Indirect Charges									
k. TOTALS (sum of i and j)	$14,546,744	$6,651,129	$8,321,815	$11,552,025	$5,691,239	$5,860,779	$13,598,289	$6,030,386	$7,567,901

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