

**Northeast HealthNet
Quarterly Report
July 30, 2009**

**Submitted by Saint Vincent Health Center, Lead Entity
WC Docket No.02-60**



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1. Project Contact and Coordination Information

Project Leader	Affiliation
Robin Stursa, MBA Project Coordinator	Saint Vincent Health Center Vice President and Chief Information Officer 232 West 25 th Street Erie, Pennsylvania 16544 814/452-5799 (p) 814/452-5779 (f) rstursa@svhs.org
Michelle Wieczorek RN RHIT CPHQ CPUR Associate Project Coordinator	Saint Vincent Health Center Director, eInitiatives 232 West 25 th Street Erie, Pennsylvania 16544 814/452-5080 (p) 814/452-5779 (f) mwieczor@svhs.org

Lead Entity: Saint Vincent Health Center, Erie Pennsylvania

Saint Vincent is providing project coordination and using facilitating this project in the region through the establishment of a Telehealth Advisory Council with representation of each of the participating entities in the Northeast HealthNet (NEHN). The advisory council meets quarterly to discuss project status, set goals for the upcoming quarter, establishes priorities and as a general forum to keep participating entities, engaged and involved in the development of the NEHN Network.

2. Health care facilities included in the network.

As documented in the prior quarter, there have been a number of changes in the compliment of participating sites since the last report. These changes have largely been the result of relocation or change in affiliation. The table below has been updated to reflect the composition of the NEHN as of April 15, 2009:

Entity	Street Address	County	City	State	Zip	Phone	Profit	Public	RUCA	Census Tract	Eligibility
Saint Vincent Health Center	232 West 25th Street	Erie	Erie	Pa	16544	814-452-5799	Not for profit	Public	RUCA Code #1.0	0019.00	Saint Vincent Health Center is a 501-c3 non-profit entity. SVHC is JCAHO accredited and DOH Licensed.
Albion Family Practice	155 East State Street	Erie	Albion	Pa	16401	814-756-4917	Not for profit	Public	RUCA Code #2.0	101.07	Albion Family Practice is a rural clinic participating in Medicare and Medicaid. A physician office owned and operated as part of the SV Medical Group; and part of Saint Vincent Health System.

Entity	Street Address	County	City	State	Zip	Phone	Profit	Public	RUCA	Census Tract	Eligibility
Edinboro Medical Center	450 Erie Street	Erie	Edinboro	Pa	16412	(814) 734-1618	Not for profit	Public	RUCA Code# 7.1	122.02	Edinboro Medical Center is a rural clinic participating in Medicare and Medicaid. A physician office owned and operated as part of the SV Medical Group; and part of Saint Vincent Health System.
Union City OP Center and UC Family Practice	130 N Main Street	Erie	Union City	Pa	16438-1068	(814) 438-7208	Not for profit	Public	RUCA Code # 2.0	120.02	UC OP Center is licensed by the PA DOH as an outpatient diagnostic and treatment facility. Union City FP is a physician office owned and operated as part of the SV Medical Group; and part of Saint Vincent Health System.
Elk Valley Medical Center	5165 Imperial Parkway	Erie	Girard	Pa	16417	(814) 774-3128	Not for profit	Public	RUCA Code # 1	102.01	"Urban Health Clinic" Elk Valley Medical Center is a non-profit clinic owned and operated by a 501-c-3 charitable organization participating in the consortium. A physician office owned and operated as part of the SV Medical Group; and part of Saint Vincent Health System.
Saint Vincent Family Practice-Fairview	7678 West Ridge Road Po Box EE	Erie	Fairview	Pa	16415	(814) 474-2663	Not for profit	Public	RUCA Code #1	103.04	"Urban Health Clinic" Saint Vincent Family Practice-Fairview is a non-profit clinic owned and operated by a 501-c-3 charitable organization participating in the consortium. A physician office owned and operated as part of the SV Medical Group; and part of Saint Vincent Health System.

Entity	Street Address	County	City	State	Zip	Phone	Profit	Public	RUCA	Census Tract	Eligibility
Children's Healthcare West	4671 West Lake Road	Erie	Erie	Pa	16505	(814) 835-4838	Not for profit	Public	RUCA Code #1	104.00	"Urban Health Clinic" Children's Health Care West is a non-profit clinic owned and operated by a 501-c-3 charitable organization participating in the consortium. A physician office owned and operated as part of the SV Medical Group; and part of Saint Vincent Health System.
East Harbor Primary Care	4950 Buffalo Road	Erie	Erie	Pa	16509	(814) 899-7000	Not for profit	Public	RUCA Code #1	110.01	"Urban Health Clinic" East Harbor is a non-profit clinic owned and operated by a 501-c-3 charitable organization participating in the consortium. A physician office owned and operated as part of the SV Medical Group; and part of Saint Vincent Health System.
Great Lakes Family Medicine	3530 Peach Street	Erie	Erie	Pa	16508	(814) 864-6039	Not for profit	Public	RUCA Code #2	0024.00	"Urban Health Clinic" Great Lakes is a non-profit clinic owned and operated by a 501-c-3 charitable organization participating in the consortium. A physician office owned and operated as part of the SV Medical Group; and part of Saint Vincent Health System.
Hillside Family Medicine	238 West 22nd Street	Erie	Erie	Pa	16502	(814) 452-0158	Not for profit	Public	RUCA Code #1	0019.00	"Urban Health Clinic" Hillside Family Medicine is a non-profit clinic owned and operated by a 501-c-3 charitable organization participating in the consortium.

Entity	Street Address	County	City	State	Zip	Phone	Profit	Public	RUCA	Census Tract	Eligibility
Liberty Family Medicine; Diabetes Resource Center and Allergy Clinic (Co-Located Sites)	3413 Cherry Street	Erie	Erie	Pa	16508	(814) 868-9828	Not for profit	Public	RUCA Code #2	0024.00	"Urban Health Clinics" These are non-profit clinics owned and operated by a 501-c-3 charitable organization participating in the consortium. A physician office owned and operated as part of the SV Medical Group; and part of Saint Vincent Health System.
McClelland Family Practice	2240 East 38th Street	Erie	Erie	Pa	16510	(814) 825-4262	Not for profit	Public	RUCA Code #1	0027.00	"Urban Health Clinic" McClelland Family Practice is a non-profit clinic owned and operated by a 501-c-3 charitable organization participating in the consortium. A physician office owned and operated as part of the SV Medical Group; and part of Saint Vincent Health System.
Millcreek Family Practice	145 West 23rd Street	Erie	Erie	Pa	16502	(814) 461-6626	Not for profit	Public	RUCA Code #1	0019.00	"Urban Health Clinic" Millcreek Family Practice is a non-profit clinic owned and operated by a 501-c-3 charitable organization participating in the consortium. A physician office owned and operated as part of the SV Medical Group; and part of Saint Vincent Health System.
West Ridge Family Practice	4535 West Ridge Road	Erie	Erie	Pa	16506	(814) 833-2902	Not for profit	Public	RUCA Code #1	0109.02	"Urban Health Clinic" West Ridge Family Practice is a non-profit clinic owned and operated by a 501-c-3 charitable organization participating in the consortium. A physician office owned and operated as part of the SV Medical Group; and part of Saint Vincent Health System.

Entity	Street Address	County	City	State	Zip	Phone	Profit	Public	RUCA	Census Tract	Eligibility
Westminster Family Practice	3822 Colonial Avenue	Erie	Erie	Pa	16506	(814) 833-5653	Not for profit	Public	RUCA Code #1	0109.04	"Urban Health Clinic" Westminster Family Practice is a non-profit clinic owned and operated by a 501-c-3 charitable organization participating in the consortium.
Saint Vincent Neurosurgery, Behavioral Medicine and The Occupational Health Center CoLocated Sites	1910 Sassafras Street	Erie	Erie	Pa	16502	(814) 452-7809 (814) 877-6017	Not for profit	Public	RUCA Code #1	0019.00	"Urban Health Clinic" SV Neurosurgery is a non-profit clinic owned and operated by a 501-c-3 charitable organization participating in the consortium. SV Behavioral Medicine is collocated at this site. A physician office owned and operated as part of the SV Medical Group; and part of Saint Vincent Health System. An occupational health clinic owned and operated as part of the SV Medical Group; and part of Saint Vincent Health System.
Corry Memorial Hospital-Regional Heart Network Site	612 West Smith Street	Erie	Corry	Pa	16407	814- 664-4641	Not for profit	Public	RUCA Code # 9	119.00	The Corry Memorial Hospital Regional Heart Network Site is a non-profit diagnostic clinic owned and operated by a 501-c-3 charitable organization participating in the consortium and a part of the Regional Heart Network. A diagnostic testing and treatment clinic operated as part of the Regional Heart Network. Corry Memorial Hospital is licensed by the PA DOH.

Entity	Street Address	County	City	State	Zip	Phone	Profit	Public	RUCA	Census Tract	Eligibility
Millcreek Community Hospital-Regional Heart Network Site	5515 Peach Street	Erie	Erie	Pa	16509	814- 864-4031	Not for profit	Public	RUCA Code # 1.0	110.01	"Urban Health Clinic" The Millcreek Community Hospital Regional Heart Network Site is a non-profit diagnostic clinic owned and operated by a 501-c-3 charitable organization participating in the consortium and a part of the Regional Heart Network. A diagnostic testing and treatment clinic operated as part of the Regional Heart Network. Millcreek Community Hospital is Accredited by the HFAP of the American Osteopathic Association.
Warren General Hospital	2 Crescent Park West	Warren	Warren	Pa	16365	814-723-3300	Not for profit	Public	RUCA Code # 4.0	9710.00	Warren General Hospital is a non-profit rural hospital; a 501-c-3 charitable organization participating in the NEHN consortium. Warren General Hospital is a rural hospital participating in the NEHN, and licensed by the Pennsylvania DOH.
Youngsville Clinic of Warren General Hospital	400 East Main Street	Warren	Youngsville	Pa	16371	814 563 7591	Not for profit	Public	RUCA Code 4.0	9705.00	Youngsville Clinic is a rural clinic owned and operated by Warren General Hospital and accredited by CMS.
Titusville Area Hospital	406 West Oak Street	Crawford	Titusville	Pa	16354	814-827-1851	Not for profit	Public	RUCA Code # 7.0	1102.00	Titusville Hospital is a non-profit rural hospital; a 501-c-3 charitable organization participating in the NEHN consortium, and licensed by the PA. DOH.

Entity	Street Address	County	City	State	Zip	Phone	Profit	Public	RUCA	Census Tract	Eligibility
Regional Cancer Center	2500 West 12th Street	Erie	Erie	Pa	16505	814-838-9000	Not for profit	Public	RUCA Code #1.0	0106.00	"Urban Health Clinic" The Regional Cancer Center is a free standing outpatient treatment center offering chemotherapeutic and other oncologic treatment modalities. TRCC is a participating entity in the NEHN consortium, licensed by the PA DOH and accredited by the Commission on Cancer of the American College of Surgeons.
Westfield Memorial Hospital	189 East Main Street	Chautauqua	Westfield	NY	14787	716-326-4921	Not for profit	Public	RUCA Code # 2.0	0365.00	Westfield Memorial Hospital is a non-profit, rural hospital licensed by NYS and accredited by CMS. WMH is a participating rural hospital in the NEHN consortium, licensed by the New York State Department of Health.

3. Network Narrative:

This project completed its competitive bidding process and awarded bids to two vendors in March 2009. The selected vendors included a large telecommunications provider to provide the connectivity between the NEHN Sites and Saint Vincent Health Center and a bid was also awarded on a self-provisioning basis to Saint Vincent Health System-Information Technology Networking Services. (SVHS-ITNS) SVHS-ITNS will provide the internal network infrastructure, network monitoring and administration for the NEHN Network.

The NEHN completed it's 466 A package and received funding commitment letters from USAC to begin the initial deployment of broadband to the year 1 and year 2 sites. As of July 30, 2009, the NEHN has completed 2 connections.

4. List of Connected Health Care Providers:

Connected providers include:

Entity	Street Address	County	City	State	Zip	Phone	Profit	Public	RUCA	Census Tract	Eligibility
Saint Vincent Health Center	232 West 25th Street	Erie	Erie	Pa	16544	814-452-5799	Not for profit	Public	RUCA Code #1.0	0019.00	Saint Vincent Health Center is a 501-c3 non-profit entity. SVHC is JCAHO accredited and DOH Licensed.
East Harbor Primary Care	4950 Buffalo Road	Erie	Erie	Pa	16509	(814) 899-7000	Not for profit	Public	RUCA Code #1	110.01	"Urban Health Clinic" owned by non-profit.

5. Non-recurring and recurring costs, where applicable shown both as budgeted and actually incurred for the applicable quarter and funding year to-date.

At the present time, there are 2 sites that have been connected to the NEHN. As of July 30, 2009 the vendors have not yet invoiced the Lead Entity for expenses incurred to complete the connection. Below is the information contained in the Funding Commitment Letters issued for the two vendors:

Contract Number:	NEHN-01
Contract Period:	6/1/2009 – 6/30/2014
RFP #:	01
Evergreen Contract?	Yes

Funding Request Number (FRN)	<i>Recurring</i> Support	<i>Non-Recurring</i> Support	Total Support Amount
36084	\$9,367.61	\$122,924.72	\$132,292.33

Contract Number:	NEHN02-TWC
Contract Period:	6/15/2009 – 6/30/2014
RFP #:	02
Evergreen Contract?	Yes

Funding Request Number (FRN)	<i>Recurring</i> Support	<i>Non-Recurring</i> Support	Total Support Amount
XXXX	\$597,600.00	\$50,500.00	\$648,100.00

Figure 1 illustrates the current and projected connectivity expense to the NEHN sites.

Location	Current Connectivity	Current Maintenance	Anticipated Connectivity	Anticipated Maintenance
Albion Family Practice	\$6,420.00	\$417.00	\$12,866.64	\$282.00
Children's Health Care - West	\$6,420.00	\$417.00	\$12,866.64	\$282.00
Corry Memorial Hospital	\$1,800.00	\$417.00	\$12,866.64	\$282.00
East Harbor Primary Care	\$6,420.00	\$417.00	\$12,866.64	\$282.00
Edinboro Medical Center	\$6,420.00	\$417.00	\$22,500.00	\$282.00
Elk Valley Medical Center	\$6,420.00	\$417.00	\$12,866.64	\$282.00
Great Lakes Family Medicine	Wireless No Monthly Cost	\$417.00	\$12,866.64	\$282.00
Hillside Family Medicine	\$6,420.00	\$417.00	\$12,866.64	\$282.00
Liberty Sites:Liberty Family Practice, Diabetes Resource Center, Allergy Clinic	Wireless No Monthly Cost	\$417.00	\$22,500.00	\$282.00
McClelland Family Practice	\$6,420.00	\$417.00	\$12,866.64	\$282.00
Millcreek Community Hospital	\$2,220.00	\$417.00	\$12,866.64	\$282.00
Millcreek Family Practice	Wireless No Monthly Cost	\$417.00	\$12,866.64	\$282.00
Regional Cancer Center	VPN		\$12,866.64	\$282.00
Sassafras Medical Sites: SV Behavioral Services,SV Neurosurgery and Occ Health	Wireless No Monthly Cost	\$417.00	\$12,866.64	\$282.00
Saint Vincent Family Practice in Fairview	\$6,420.00	\$417.00	\$12,866.64	\$282.00
Saint Vincent Health Center			\$12,866.64	\$282.00
Titusville Area Hospital	\$6,420.00	\$417.00	\$22,500.00	\$282.00
Union City Family Practice	\$64,800.00	\$602.00	\$12,866.64	\$564.00
Warren General Hospital	VPN		\$22,500.00	\$282.00
West Ridge Family Practice	\$6,420.00	\$417.00	\$12,866.64	\$282.00
Westminster Family Medicine	\$6,420.00	\$417.00	\$12,866.64	\$282.00
Westfield Memorial Hospital	\$60,000.00	\$417.00	\$54,680.04	\$564.00
Youngsville Clinic-Warren	No Current Connection	\$417.00	\$22,500.00	\$282.00
Total Current Connectivity and Maintenance Expense	\$199,440.00	\$8,525.00	\$385,912.92	\$7,050.00

Sustainability of NEHN Post RHCPP Funding

Current Connectivity and Maintenance Costs (Existing Sites w/ T1 or other Mode)	\$207,965
Anticipated Connectivity and Maintenance Costs (Connected via FiberOptic)	\$392,963
New Costs to Sustain Network (Existing Plus DeMinimus Sites)	\$184,998

Figure 2 illustrates additional maintenance expense incurred after the installation of the network monitoring tools, staff training and ongoing administration based upon 20% of the actual installation expense.

3 Layer Switch Implementation Expense	\$238,891
Network Intrusion Protection Project	\$90,744
Clustered Firewall Solution	\$66,058
Network Monitoring and Staff Training	\$43,268
Grand Total Implementation	\$438,961
Anticipated Maintenance at 20% of Implementation Expense	\$87,792

Grand Total

Connectivity Expense + Maintenance Expense = (\$392,963 + 87,792) **\$480,755**

6. Describe how costs have been apportioned and the sources of the funds to pay them:

Saint Vincent Health Center, as Lead Entity, will be funding the 15% matching funds from their operating expense budget. Please refer to tentative budget and schedule in item #5 for site completion for further information.

7. Identify any technical or non-technical requirements or procedures necessary for ineligible entities to connect to the participant's network.

At the present time, there are no ineligible entities projected to be part of the NEHN.

8. Provide an update on the project management plan:

The project is presently being lead by Robin Stursa and Michelle Wieczorek as project coordinators designated by the lead entity, Saint Vincent Health Center. In addition, a Telehealth Advisory Board has been created with representation of all participating entities to provide a forum for input and collaboration into the NEHN project. The Telehealth Advisory Board continues to meet and determine priority initiatives.

Anticipated Roll-Out Schedule for Connectivity: At the present time, the NEHN plans to phase in connectivity over a 2 year period. On April 1, 2009, the vendors involved in the project met to establish timelines and priorities. The working rollout schedule for deployment appears below. Due to construction, access to wiring closets and coordination of other resources to remap IP addresses, the dates are considered to be estimates.

Site Name	TWC Estimated Completion Date	SVHC-ITNS Estimated Completion Date
Great Lakes	7/29/2009	7/30/2009
Liberty	7/29/2009	8/4/2009
Union City	8/5/2009	8/6/2009
Corry	8/5/2009	8/11/2009
Albion	8/5/2009	8/13/2009
McClelland	8/6/2009	8/19/2009
West Ridge	8/6/2009	8/21/2009
Warren	10/1/2009	10/2/2009
Titusville	8/31/2009	9/1/2009
Edinboro	TBD	TBD
Elk Valley	TBD	TBD
Children's - West	TBD	TBD
Millcreek Community	TBD	TBD
Sass	TBD	TBD
Hillside	TBD	TBD
Westfield	TBD	TBD
YEAR 3 Sites		
Fairview	July, 2010	July, 2010
RCC	July, 2010	July, 2010
Westminster	July, 2010	July, 2010
Millcreek Family Practice	July, 2010	July, 2010
Greater Erie Niagara Surgery	July, 2010	July, 2010

9. Provide detail on whether network is or will become self sustaining. Selected participants should provide an explanation of how network is self sustaining.

It is anticipated that this network will be become self-sustaining and be funded by the Saint Vincent Health System at the termination of the pilot program. As illustrated in the cost analysis (see Figure 1), the new recurring costs for the Northeast HealthNet are estimated at approximately \$185,000.

As Saint Vincent has a long-standing tradition of reinvesting its income over expenses into infrastructure maintenance and improvement (see Figure 2), the additional expense incurred by the new connectivity would be considered a cost of doing business. Further, it is anticipated that the expanded connectivity in the region will enable the development of new products and services in the Telehealth arena to be realized. As reimbursement for telemedicine modalities improves, so does the viability of advanced telemedicine service

offerings and thus the ability to cover the cost of the fiber optic connections to the rural partners in our program.

Figure 1:

Sustainability of NEHN Post RHCPP Funding

Current Connectivity and Maintenance Costs (Existing Sites w/ T1 or other Mode)	\$207,965
Anticipated Connectivity and Maintenance Costs (Connected via FiberOptic)	\$392,963
New Costs to Sustain Network (Existing Plus DeMinimus Sites)	\$184,998

Figure 2:

*Saint Vincent Health System
Fiscal 2008 Results (000s omitted)*

Revenues	\$300,084
Expenses	<u>296,946</u>
Excess Revenues Over Expenses	<u>\$3,138</u>

*Saint Vincent Health System
Fiscal 2007 Results (000s omitted)*

Revenues	\$291,474
Expenses	<u>290,106</u>
Excess Revenues Over Expenses	\$1,368
Depreciation	12,800
Existing Resources	<u>1,078</u>
Total Cash Available for Investment	<u>\$15,246</u>

*Cash Reinvested into Our Organization
to Fulfill Our Mission:*

Property, Facility and Equipment	\$12,026
Long-term Debt Reduction	<u>3,220</u>
Total	<u>\$15,246</u>

*Condensed Balance Sheet at
June 30, 2008 (000s omitted)*

Cash	\$39,905
Accounts Receivable	29,002
Other Current Assets	11,487
Property and Equipment, Net	131,727
Board, Donor and Bond Indenture Restricted Investments	49,443
Other Assets	<u>39,582</u>
Total Assets	<u>\$301,146</u>
Current Liabilities	\$55,364
Long-term Debt	99,246
Other Liabilities	37,357
Net Community Assets	<u>109,179</u>
Total Liabilities and Net Community Assets	<u>\$301,146</u>

10. Provide detail on how the supported network has advanced telemedicine benefits:

The NEHN is not yet fully functional and thus has not yet realized advanced telemedicine benefits. A site visit is planned for October of 2009 to the University of New Mexico with medical staff and administrators of Saint Vincent Health System, Warren General Hospital and Titusville Area Hospital to obtain best-practice information in a mature telemedicine network implementation. The NEHN has been utilizing the UNM as a benchmarking partner to assist in the development of policies and procedures for Telemedicine. In addition, Saint Vincent has been working on obtaining the funds for end equipment for teleconferencing with the aid of a grant team to further the initiative.

East Harbor Deployment: The East Harbor deployment is successfully utilizing its broadband connection back to Saint Vincent Health Center for the purposes of EMR connectivity via the Allscripts application. In addition, the facility intends to implement PACS imaging modalities in August 2009. The connectivity will provide for high-speed transport of images back to the main Radiology Department at Saint Vincent for diagnostic purposes and will be archived on the main storage infrastructure.

11. Provide detail on how the supported network has complied with HHS health IT initiatives:

At the present time, the NEHN is not fully functional. However, a number of computer applications selected to be offered over broadband connectivity provided by the NEHN do conform to the interoperability requirements of the CCHIT including the Allscripts EMR application.

12. Explain how the selected participants coordinated in the use of their health care networks with the Department of Health and Human Services (HHS) and, in particular, with its Centers for Disease Control and Prevention (CDC) in instances of national, regional, or local public health emergencies (e.g., pandemics, bioterrorism). In such instances, where feasible, explain how selected participants provided access to their supported networks to HHS, including CDC, and other public health officials.

In July 2002, Saint Vincent Health System signed a memorandum of understanding with the U.S. Department of Health and Human Services to serve as the sponsor of a Pennsylvania DMAT. Saint Vincent has agreed to:

- Recruit, organize, train and maintain a Disaster Medical Assistance Team, designated as "PA-3" in accordance with NDMS guidelines
- Periodically verify that credentials of all team members who are subject to state licensure/certification/registration requirements are current and valid (e.g., physicians, nurses, pharmacists, dietitians, nutritionists, EMTs, paramedics, etc.)
- Accept, maintain and safeguard equipment from federal and other sources for use in training and disaster response
- Appoint an individual from the team to serve as the point of contact for NDMS/DMAT administration and personnel paperwork
- Mobilize the team for state, regional, or local disaster service, as appropriate
- Release the team to PHS for federal disaster service when requested by PHS

Consistent with the sponsorship of the DMAT and in the spirit of ongoing cooperation with the Department of Health and Human Services, NEHN would grant access to the network in the case of any local, regional or national crisis.

In addition to the DMAT participation, Saint Vincent also contributes data to the bioterror-surveillance system managed by the University of Pittsburgh Medical Center which is a cooperative research project managed by the Centers for Disease Control and the Pennsylvania Department of Health. If deemed necessary and appropriate, NEHN would grant access to the network to facilitate exchange of data in the event of a bioterror event or any pandemic or public health crisis.

