

# **Health Information Exchange Enabling New Models of Care**

## **CHCANYS Annual Conference**

**Tom Check**

**President and CEO of Healthix**

**October 21, 2014**

# Topics

What is Health Information Exchange?

Benefits to FQHCs

State Health Information Network – New York

About Healthix

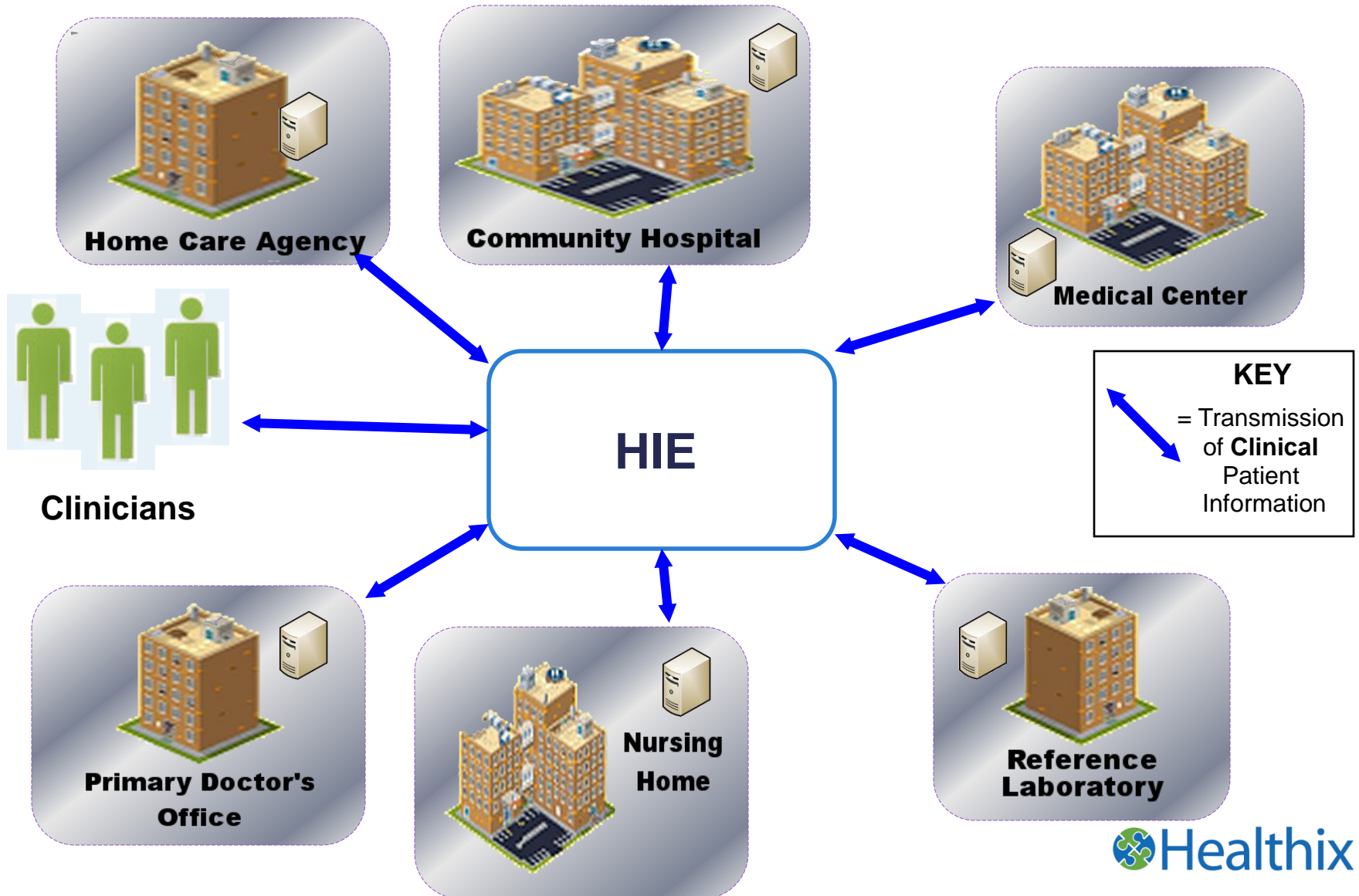
# What is Health Information Exchange?

Health Information Exchange is any of several technologies that allow you to share patient data from your EHR with other providers and health plans, and for you to receive or access data from those sources, electronically.

HIE can support:

- Operational efficiencies
- Access to patient histories for diagnosis and treatment
- Active collaboration with other providers in new care models  
-- Health Homes, DSRIP, ACOs, bundled payments, etc.

# How does an HIE connect providers?



# Examples of Data Available in HIE

- Encounters
- Encounter Summaries
- Diagnoses
- Allergies
- Next of Kin
- Insurance
- Radiology Reports
- Lab Test Reports
- Discrete Lab Values
- Microbiology Reports
- Medications
- Discharge Summaries



# Health Information eXchange




## Search for Patient Info:

Last Name

First Name

Middle Name

Gender

Date of Birth    
(yyyy-mm-dd)

Street

City

State

Zip

MRN

Facility

Break The Glass

Recent Patients Viewed

**Search**

**Clear**

Welcome to Healthix!  
Please use the fields to the left to search for information on a patient.

Healthix also offers additional services such as:

- Enabling clinicians to communicate securely with other clinicians & patients
- ePrescribing & Medical Reconciliation
- Results Distribution & Event Notification
- Meaningful Use Services
- Online Patient Self Scheduling via "HealthBook"

For more information on our services

Call: 1-877-695-4749

Email: [info@healthix.org](mailto:info@healthix.org)

Web: [www.healthix.org](http://www.healthix.org)



*"Better healthcare through better access to information"*

For help please call 1-877-695-4749 ext. 1 or

Email: [support@healthix.org](mailto:support@healthix.org)





# Health Information eXchange



Odyssey House®  
Where recovery lives

## Search for Patient Info:

\* Last Name

\* First Name

Middle Name

Gender  ▼

\* Date of Birth

(yyyy-mm-dd)

Street

City

State

Zip

OR

\* MRN

\* Facility  ▼

Recent Patients Viewed ▼

Select one or more matching patients. Only select more than one matching patient if you are certain they are the same person.

▼

Highlighted records contain patient provided data.

Patient ID	Name	Gender/DOB	Address	Rank/InfoTypes
1516775	<b>LIPIX, RHIO 1123589</b>	M 1980-01-01	.	111
1550653	<b>LIPIX, RHIO</b>	M 1980-01-01	101 STACK AVENUE, FOREST HILLS NY 11375	111
3861566	<b>LIPIX, 7 RHIO</b>	M 1980-01-01	217 Ash Place., New York NY 11230	111
4457785	<b>LIPIX, RHIO</b>	M 1980-01-01	47 W 36TH STREET, NEW YORK NY 10018-	111

[Patient Search](#)[Logout](#)**Name: RHIO, LIPIX****Gender: Male****DOB: 01/01/1980****Age: 32 Years**

## Encounters

**Encounters**

Common Labs

Micro &amp; Path

All Lab Results

Radiology

Documents

Conditions

Medications

Vital Signs

Allergies

Procedures

Cardio &amp; GI

Obstetrics

Facility	MRN	Encounter#	Type	Status	Admission	Discharge
Medication Manager - LIPIX	16_HB	1776	Outpatient	Current	09/27/2012	
2. 16.840. 1. 113883. 3. 176. 1. 1	7_PG	1737	Outpatient	Current	07/11/2012	
Medication Manager - LIPIX	16_HB	1728	Outpatient	Current	07/11/2012	
Long Island Jewish Medical Center	30383281	48273782E	Inpatient	Current	05/21/2012	
Visiting Nurse Service of New York	126437425	443223842	Outpatient	Discharged	01/14/2012	01/14/2012 00:00
Good Samaritan Hospital Medical Center	849385	1030601670	Inpatient	Discharged	11/08/2010	11/08/2010 23:59
South Side Hospital	9753137	237538575	Emergency	Discharged	10/29/2010	10/29/2010 10:25
Silvercrest Center for Nursing and Rehabilitation	333454	5677556	Inpatient	Discharged	07/25/2010	08/25/2010 08:03
New York Hospital Medical Center of Queens	583367	47645678	Inpatient	Discharged	07/24/2010	07/25/2010 17:18
John T. Mather Memorial Hospital	4765545	102204831	Inpatient	Discharged	05/10/2010	05/12/2010 15:49
Brookhaven Memorial Hospital Medical Center	129283	6574382	Outpatient	Discharged	04/21/2010	04/21/2010 12:00
Glen Cove Hospital	4812374	1252474521	Inpatient	Discharged	02/14/2010	02/15/2010 14:52
North Shore University Hospital	12343758	7891234E	Inpatient	Discharged	01/28/2010	01/31/2010 10:48



# Drivers for HIE

## Perform under New Models of Care

- Risk Contracts and Coordinated Care Models
- Health Homes, ACOs, DSRIP

## Meet Meaningful Use Requirements

- Send Summary of Care Document, using DIRECT
- Perform medications reconciliation
- Provide patients with access to their data
- Maintain current problems/meds/allergies
- Submit data to Public Health Registries

## Support Public Policy Goals

- Better Outcomes at Lower Cost
- Patients' Access to Their Data
- Public Health Uses

# Benefits to FQHCs

- Transitions of Care – Receive and send referral orders, transfer forms, and plans of care as patients move among providers, including between FQHCs, Hospitals, Nursing Homes, and Home Care.
- Be notified immediately when the patient enters an ED or hospital.
- Access the patient's clinical data to see the patient's medical history and previous treatment by other providers, to guide diagnosis and treatment, and improve care.
- Collaborate with ACOs, Hospitals, DSRIP programs, other partners.
- Analytic Reporting to evaluate and improve outcomes.
- In emergency or disaster, public health authority can see if a missing person has been admitted to a hospital or nursing home.

# HIE Services

HIE supports patient care and coordination:

- With patient consent, you can view the patient's data from all providers in the RHIO – through the RHIO's portal or through many EHRs.
- With patient consent, the RHIO can notify you when the patient is admitted to ED or Inpatient services at any hospital in the RHIO (Clinical Event Notifications, or CENs).
- Other users can view data submitted from your EHR, if they have received the patient's consent.
- In 2015, your RHIO will provide access to data from the other RHIOs in New York State.
- You can send and receive Direct Secure Messages to and from any provider who uses the national Direct standard – in your RHIO, in New York, or anywhere in the US.



# EHR Interoperability

The screenshot displays the eClinicalWorks Patient Hub interface for Robert Cohane. The interface includes a navigation sidebar on the left with options like 'Admin', 'Practice', 'Resource Scheduling', 'Office Visits', and 'Progress Notes'. The main content area shows patient details for Robert Cohane, including contact information, demographics, and insurance. A calendar view on the right shows a schedule for December 2012. At the bottom, a grid of buttons allows for exporting various types of patient data, with 'Export Labs' and 'Export Documents' highlighted by a red box.

**Patient Hub (Cohane, Robert)**

**Cohane, Robert**  
1122 some ave  
brooklyn, NY-11224  
DOB: 01/01/1945  
Age: 67 Y Sex: M  
Advance Directive:  
Account No: 9498

Home: 718-555-1212  
Work: 718-185-5512  
Cell:  
Email:  
Insurance:  
PCP:  
Rendering Pr:

Patient Balance: \$0.00  
Account Balance: \$0.00  
Collection Status:  
Assigned To:

Labs: 0  
DI: 0  
Referrals: 0  
Actions: 0

Tel Enc: 0  
Web Enc: 0  
Documents: 0  
P2P: 0


Last Appt: 12/03/2012 11:15 AM  
Next Appt:  
Bumped Appts: NONE

Facility: NYHDOHMH-EMR1 FACILITY  
Facility:  
Case Manager Hx:

**Export Options:**  
New Appt, New Tel Enc, Print Label, Billing Alert, Patient Docs  
Letters, Encounters, Medical Summary, Rx, Progress Notes  
eClniForms, Devices, Problem List, Medical Record, Send eMsg  
Account Inquiry, Guarantor Bal., Consult Notes, Letter Logs, Fax Logs  
New Action, Flowsheets, Billing Logs  
eHX Consent, Export eHX, **Export Labs**, **Export Documents**, ePrescription Logs

**Patient External Documents**

**Cohane, Robert , 6**

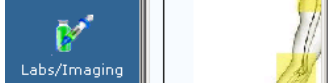


1122 so  
brooklyn  
H:718-5  
DOB:01  
eHX Sta

Medical Summary |

SF

**Start** | In



**Patient Summary Document**

**PATIENT**

**Patient:** Robert Cohane  
**MRN:** 3299899  
**Sex:** Male  
**Next of Kin:**  
**Guardian:**  
**Birthdate:** January 1, 1945  
**Address:** 1122 SOME AVE  
 BROOKLYN, NY, 11224  
 tel:(718)555-1212

**AUTHOR LEGAL AUTHENTICATOR**

**Author:**  
**Assigned To:**  
**Telecom:** tel:(718) 283-5650  
**Address:** 6323 Seventh Avenue  
 Brooklyn, NY, 11220

**Organization:** Brooklyn Health Information Exchange (BHIX) **Organization:**

**CUSTODIAN**

**Name:** Brooklyn Health Information Exchange (BHIX) **Telecom:** tel:(718) 283-5650  
**Address:** 6323 Seventh Avenue  
 Brooklyn, NY, 11220

**ENCOMPASSING ENCOUNTER**

**From:** , **To:** ,

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**Allergies, Adverse Reactions, Alerts**

Allergy Name	Allergy Type	Status	Severity	Reaction (s)	Onset Date	Treating Clinician	Treatment Method (s)	Comments
Unknown	MA	Active			2010-03-26T10:20:38Z			
DIET NO KNOWN ALLERGY	FA	Active			2010-03-26T13:45:00Z			
ENVIRONMENTAL NO KNOWN ALLERGY	MA	Active			2010-03-26T13:45:00Z			
MEDS NO KNOWN ALLERGY	DA	Active			2010-03-26T13:45:00Z			
No known allergies.	MA	Active			2011-05-21T15:56:03Z			
No known allergies.	MA	Active			2011-07-17T21:02:29Z			

**Medications**

Ordered Medication Name	Filled Medication Name	Start Date	Stop Date	Current Medication?	Ordering Clinician	Indication	Dosage	Frequency	Signature (SIG)	Comments
CLONAZEPAM 0.5MG TAB()	CLONAZEPAM 0.5MG TAB	2010-05-05T10:30:00Z		Yes	Garrity, Jon					
QUETIAPINE 400MG TAB()	QUETIAPINE 400MG TAB	2010-05-05T10:30:00Z		Yes	Garrity, Jon					
TRIHEXYPHENIDYL 2MG TAB()	TRIHEXYPHENIDYL 2MG TAB	2010-05-05T10:30:00Z		Yes	Garrity, Jon					

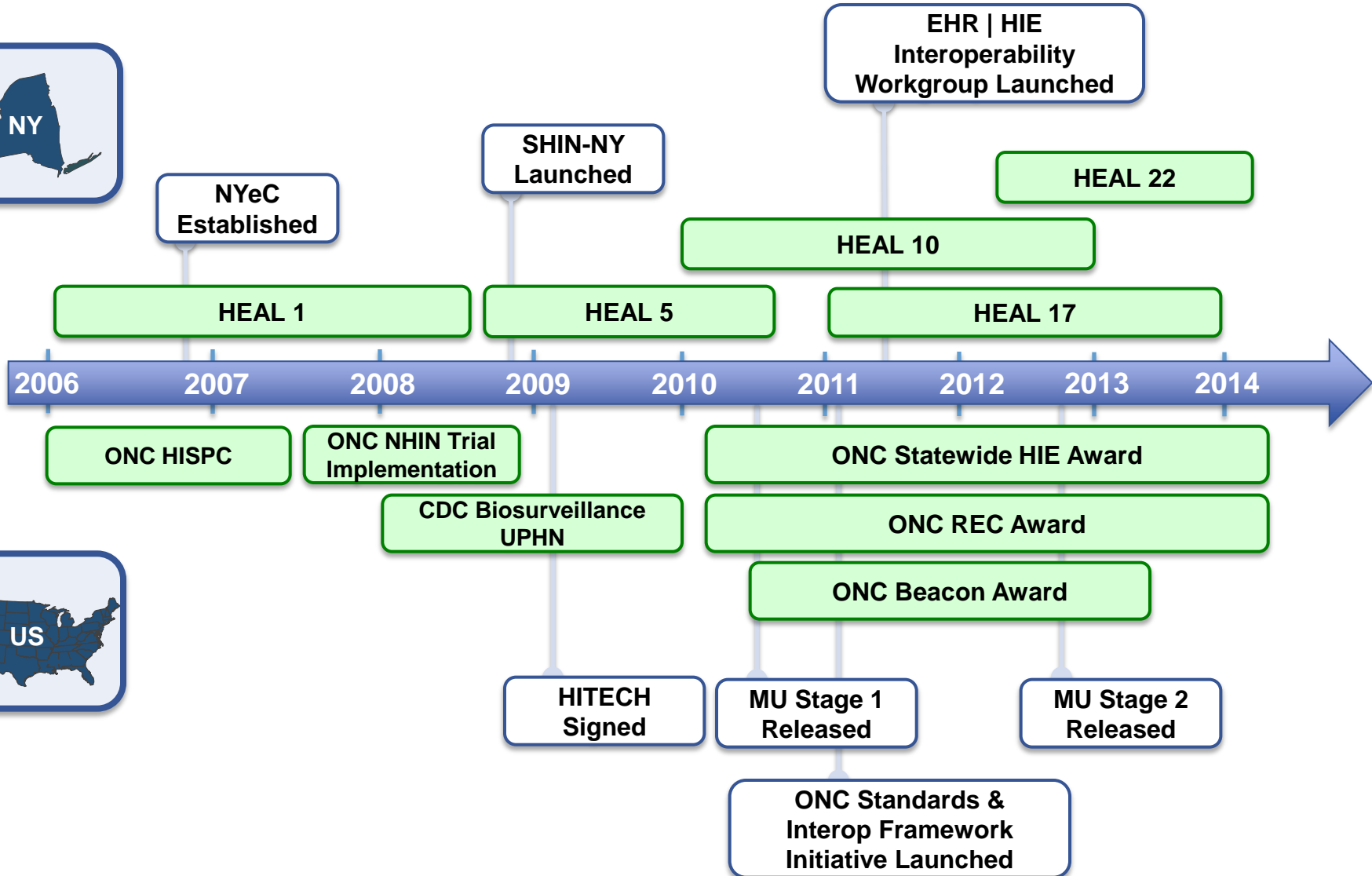
# State Health Information Network – New York

- 10 RHIOs across New York State will connect with each other through the SHIN-NY
  - Receive State funding and comply with State regulations on security, privacy, and services provided
    - Certified by New York State as Qualified Entities (QEs); will be audited for meeting all requirements in Q2 2015
  - Patient consent is required for providers or health plans to access data -- except for emergency access by providers
  - RHIOs are adopting interoperable technology standards
  - NYS DOH has designated the New York eHealth Collaborative (NYeC) to facilitate the SHIN-NY
- SHIN-NY will connect to HealtheWay, the national exchange

# Costs and Funding to Connect to a RHIO

- There is no annual fee for “dial tone” services in a RHIO
- The FQHC may incur one-time costs to connect to a RHIO:
  - To reimburse its EHR vendor – costs vary by EHR
  - To reimburse the RHIO – costs vary by RHIO
- CMS/DOH incentive funding may be available -- up to \$30,000 for an FQHC connecting to a RHIO by Sep 30, 2015
  - \$10,000 for joining the RHIO and contributing 5 of 7 clinical data elements
    - Demographics, Encounters, Labs, Allergies, Medications, Procedures, Diagnoses
  - \$20,000 for activating the FQHC’s Eligible Providers (EPs)
    - \$500 per EP for up to 40 EPs, to a maximum of \$20,000
- NYC DOHMH incentives for FQHCs using eCW

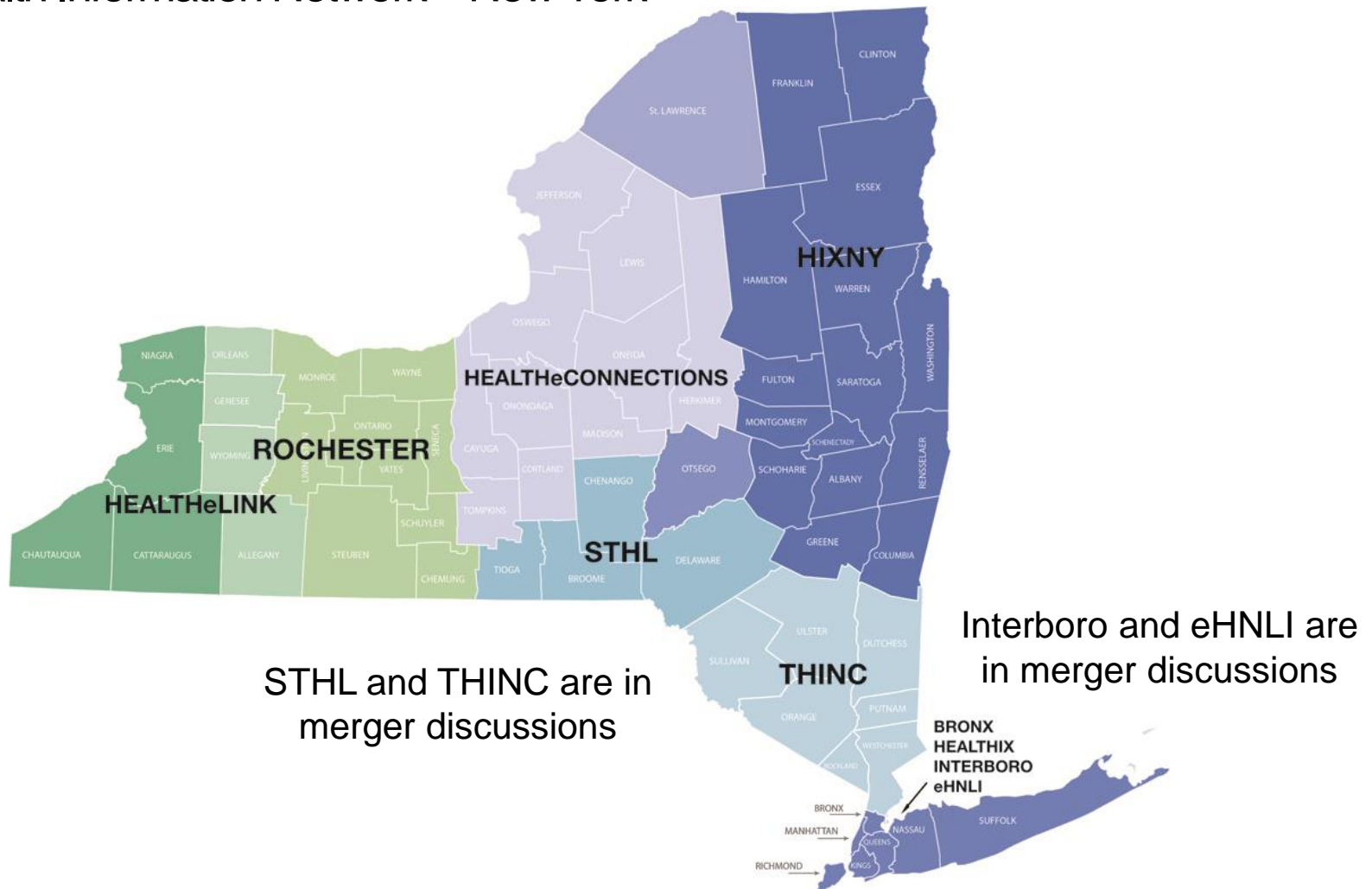
# New York's Investment in the SHIN-NY



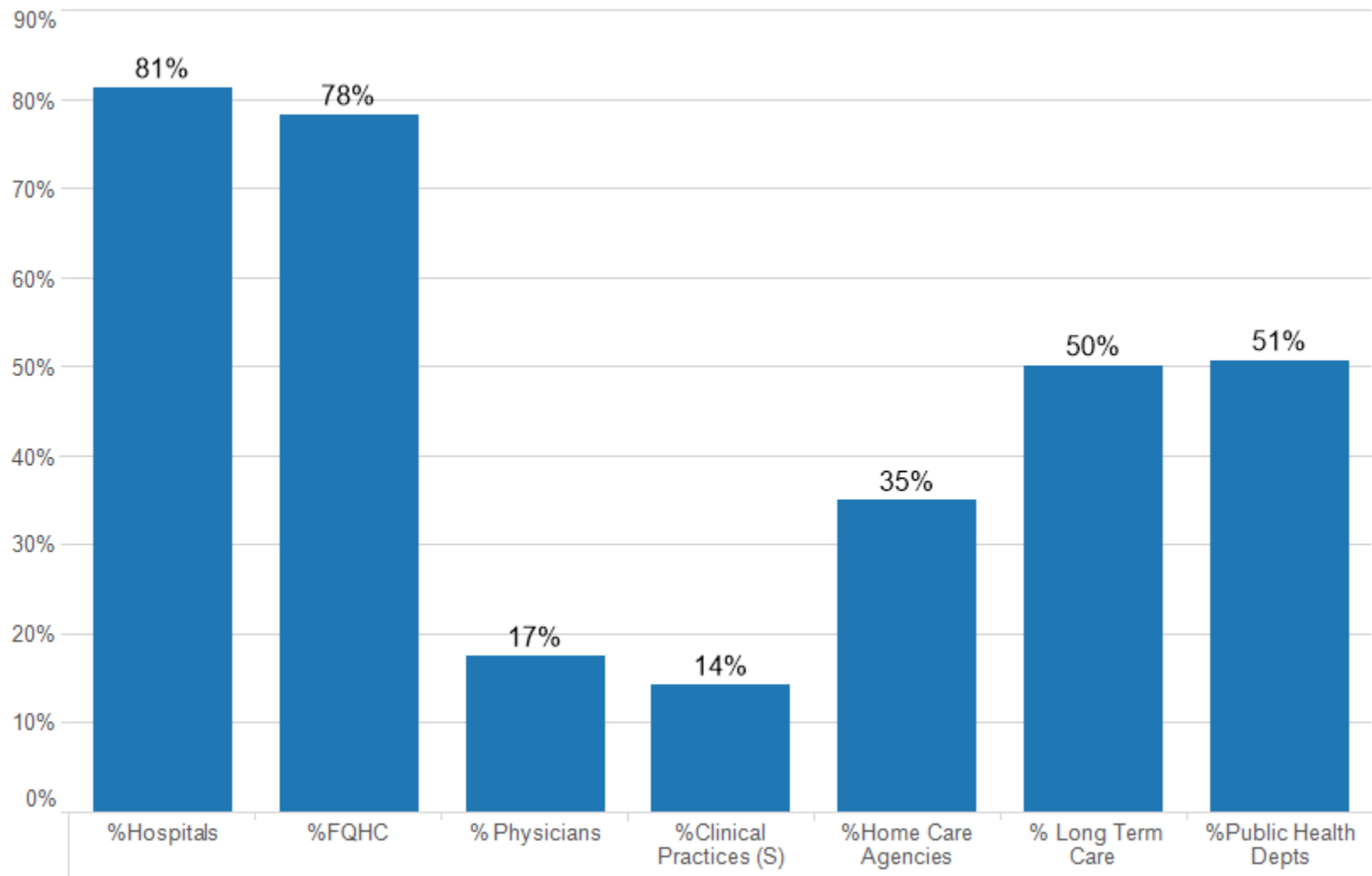


# 10 RHIOs Make up the SHIN-NY

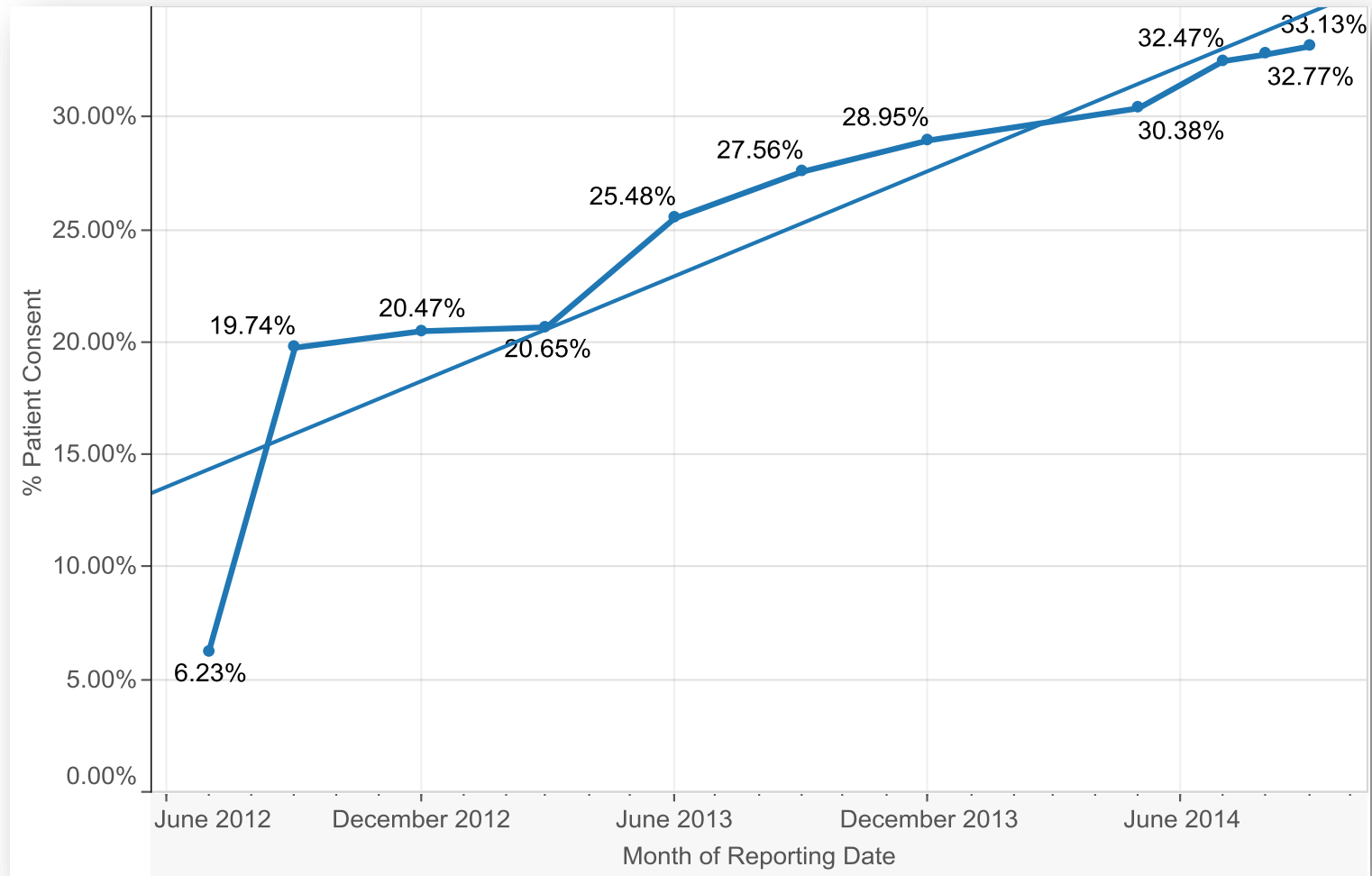
RHIOs in New York State are adopting common standards to exchange data in the State Health Information Network – New York



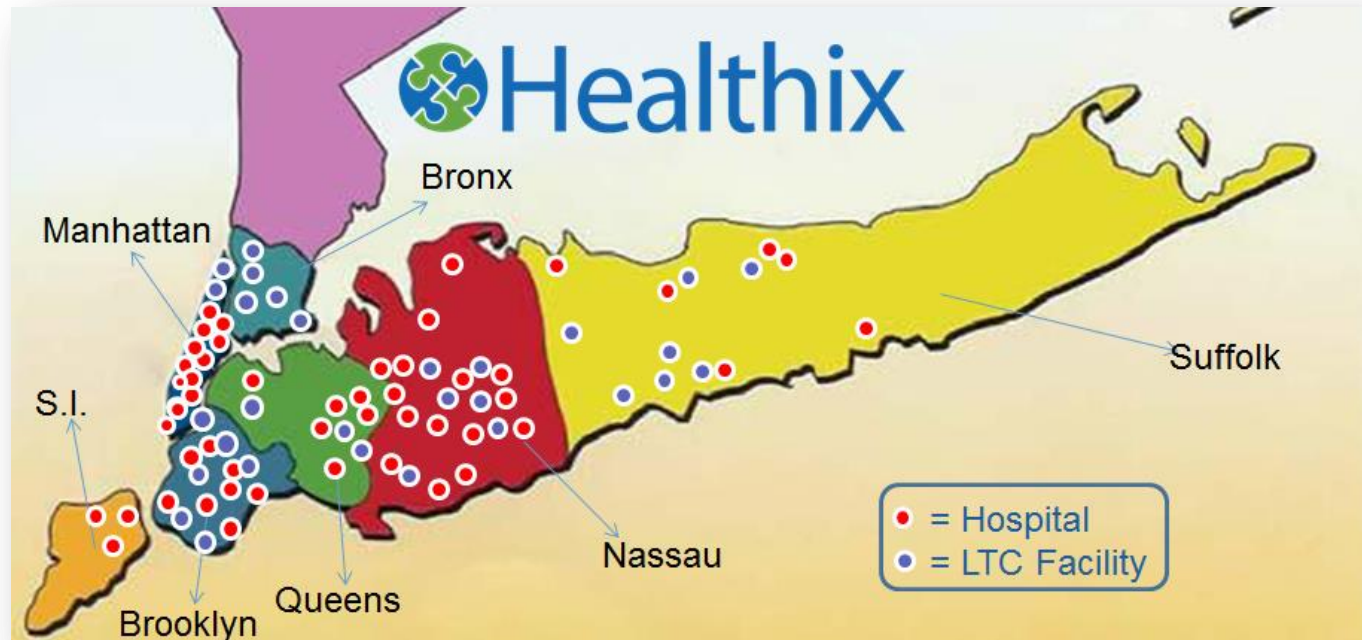
# Participation in the SHIN-NY



# Patients Providing Consent in the SHIN-NY



# About Healthix



- Largest RHIO in New York State
- 126 Participant Organizations spanning the continuum of care
  - 17 FQHCs, 53 Hospitals, 40 Nursing Homes, 15 Home Care
- Over 525 facilities connected
- Maintains records for over 9 million patients; over 1 million have given consent for their providers to access their data
- Over 10,000 authorized users

# FQHCs in Healthix Today

**Asian and Pacific Island Coalition on HIV/AIDS**

**Bedford Stuyvesant Family Health Center**

**Betances Health Center**

**Brownsville Multi-Service Family Health Center**

**Charles B. Wang Community Health Center**

**Community Health Center of Richmond**

**Community Health Project / Callen-Lorde Community Health Center**

**Community Healthcare Network**

**Harlem United / Upper Room AIDS Ministry**

**HELP/PSI**

**Housing Works**

**ICL Healthcare Choices**

**Institute for Family Health**

**Lutheran Family Health Centers**

**NuHealth Family Health Center**

**Project Renewal**

**William F. Ryan Community Health Center**

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