

Health Information Exchange Overview, Insights & Learnings



Presentation To
Connecticut Health IT Advisory Council
February 24, 2016



ISEY Health Connect!
Connecting)Your)Healthcare)Needs)

Jersey Health Connect Organization Overview

- ◆ A New Jersey based, independent, nonprofit organization that works closely with healthcare providers across the State to develop and implement secure systems and processes for electronically sharing clinical information.
- ◆ Incorporated in 2010, JHC collaborates with a variety of healthcare entities, including physicians and medical offices, hospitals and health systems, long-term care facilities, home care agencies, and laboratories.
- ◆ As a nonprofit, JHC is governed by a voluntary Board of Directors that includes health information professionals from the State's leading healthcare organizations.
- ◆ The organization maintains administrative offices in Princeton, New Jersey.

The Jersey Health Connect Model

A Shared Vision for New Jersey

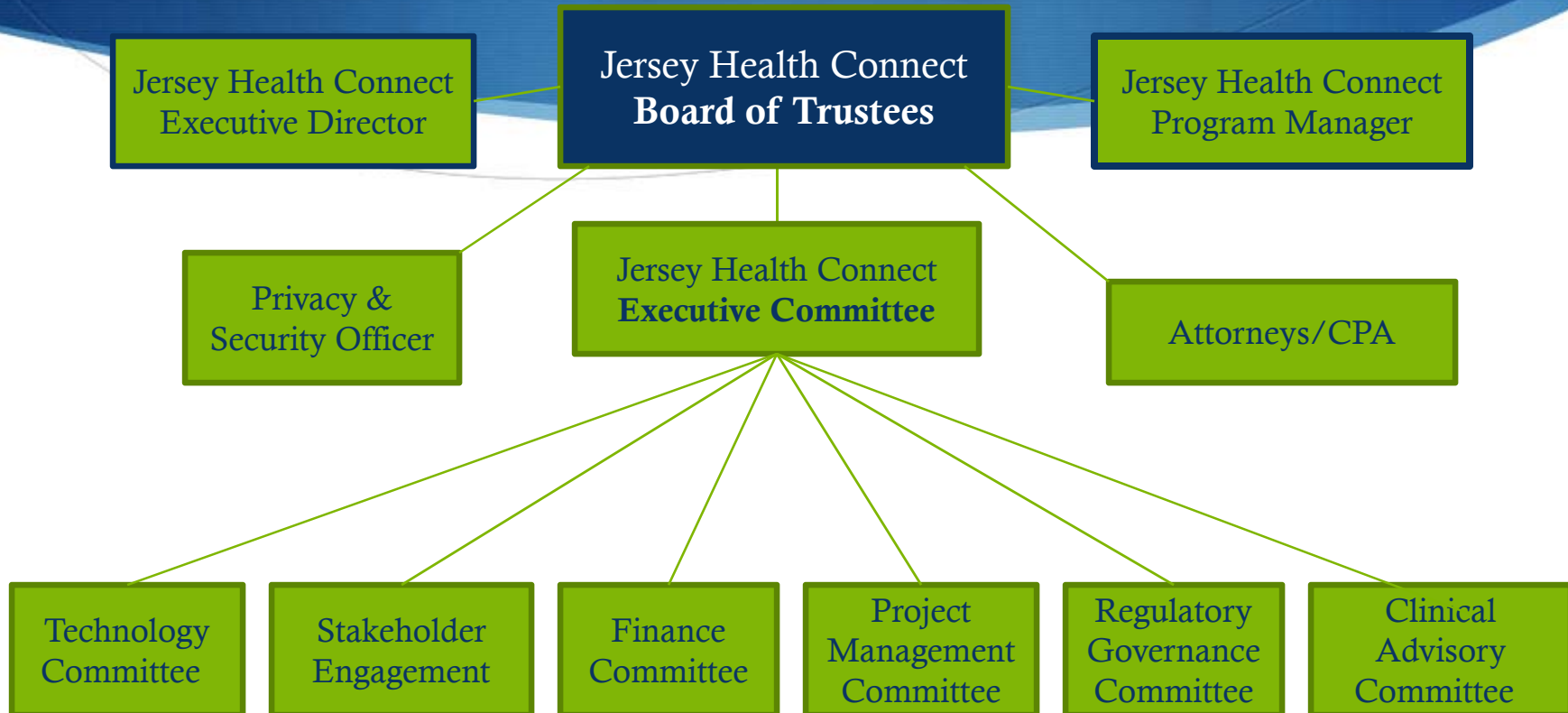
Electronic access to aggregated health information available whenever and wherever it is needed at the point of care.

- Allow organizations to maintain individual technology strategies
- Improve care coordination, outcomes and efficiencies through the use of technologies facilitating real-time clinical exchange
- Provide consumers a consolidated view of their health information to encourage active and informed participation

Complying with national standards related to privacy and security considerations



JHC Governance Structure



JHC Operational Structure



Jersey Health Connect Organization Overview

- ◆ RFP Selection
- ◆ Implementation Timeline
- ◆ Opt-Out Consent Model
- ◆ Outsourced Infrastructure
- ◆ Type of Exchange

Jersey Health Connect HIE Data Contributors & Transactions

32 Hospitals & Health Systems
175 Long-Term Care Facilities
8,000 Connected Physicians & Offices
500,000 Online Patient Connections
4,870,00 Clinical Transactions (*per month*)
6,000,000 Patient Records

New Jersey's Largest HIE



32 of the State's Leading Acute Care Providers

ENGLEWOOD HOSPITAL AND MEDICAL CENTER
AN AFFILIATE OF MOUNT SINAI SCHOOL OF MEDICINE

Palisades Medical Center
NewYork-Presbyterian Healthcare System

Saint Clare's Health System
CATHOLIC HEALTH INITIATIVES®

HackensackUMC
Where medicine meets innovation

CHILTON HOSPITAL

Holy Name Medical Center

Atlantic Health System

TRINITAS Regional Medical Center

Raritan Bay Medical Center
Advancing care every day

St Joseph's Healthcare System

BARNABAS HEALTH

Children's Specialized Hospital

JFK HEALTH SYSTEM

SAINT PETER'S HEALTHCARE SYSTEM
Treating you better...for life.

RWJ ROBERT WOOD JOHNSON UNIVERSITY HOSPITAL

Hunterdon Healthcare

MERIDIAN HEALTH

Valley Health System

DEBORAH Heart and Lung Center

CentraState Healthcare System®
Freehold, NJ

Expanding Across the Continuum of Care



Over 175
Major
Non-Acute
Care
Providers



Brother
Bonaventure

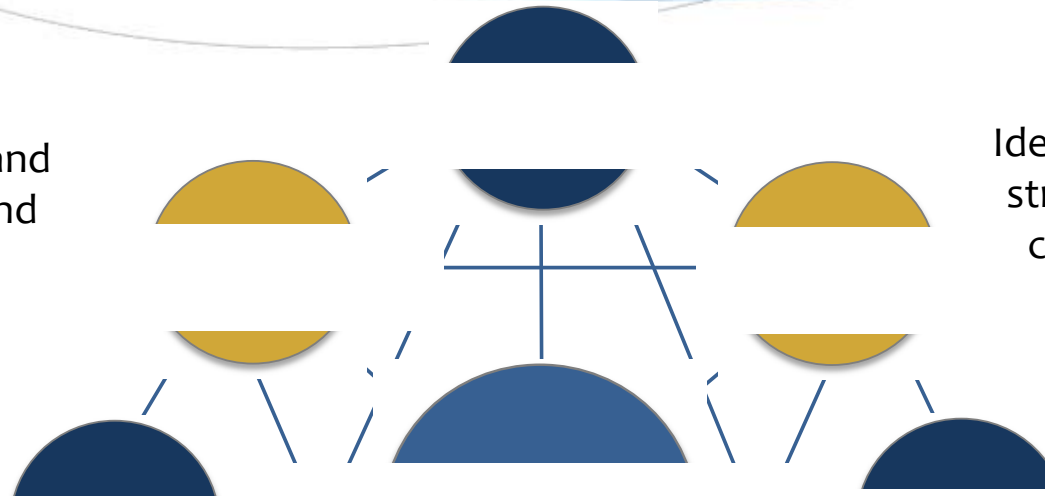


Jersey Health Connect HIE Services Portfolio

- ◆ **Patient Lookup Query**, used by clinicians in the JHC network to pull or query consolidated-clinical document architecture about a patient they are treating
- ◆ **Direct Messaging**, used by participants in JHC member organizations to securely push data about a patient to other healthcare providers and partners
- ◆ **Encounter Notification**, used to automatically notify participating providers that their patients have been admitted or discharged to an area healthcare facility
- ◆ **Enterprise Imaging**, a robust strategy for JHC members that streamlines clinical information and fundamentally changes how facilities, providers, and patients interact with diagnostic images.

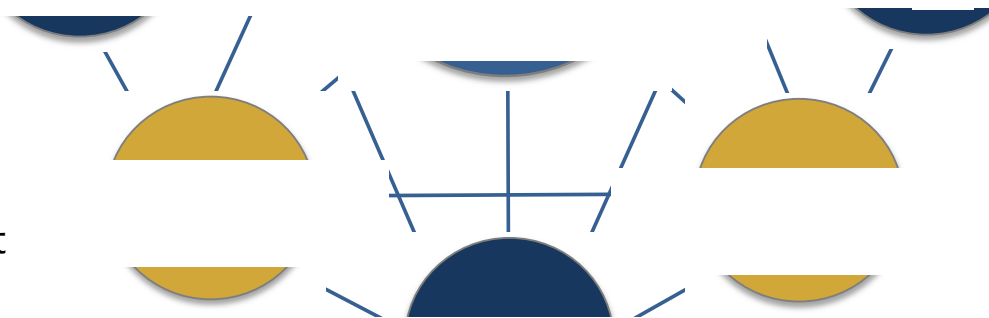
Expanded HIE Architecture

Build and expand connectivity and seek out new, collaborative partnerships.



Identify gaps in care, stratify risk, provide care management, and evaluate performance.

Automation to help with patients who need different levels of support and attention.

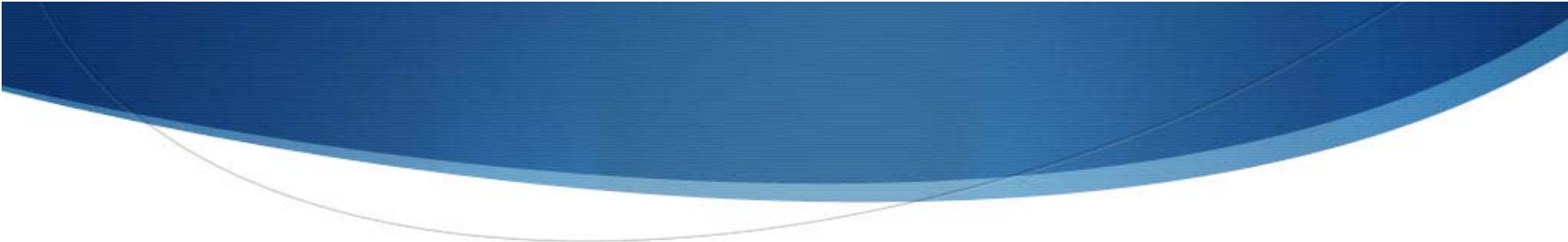


Technology solutions for ACOs & Major Health IT vendor portal integration.

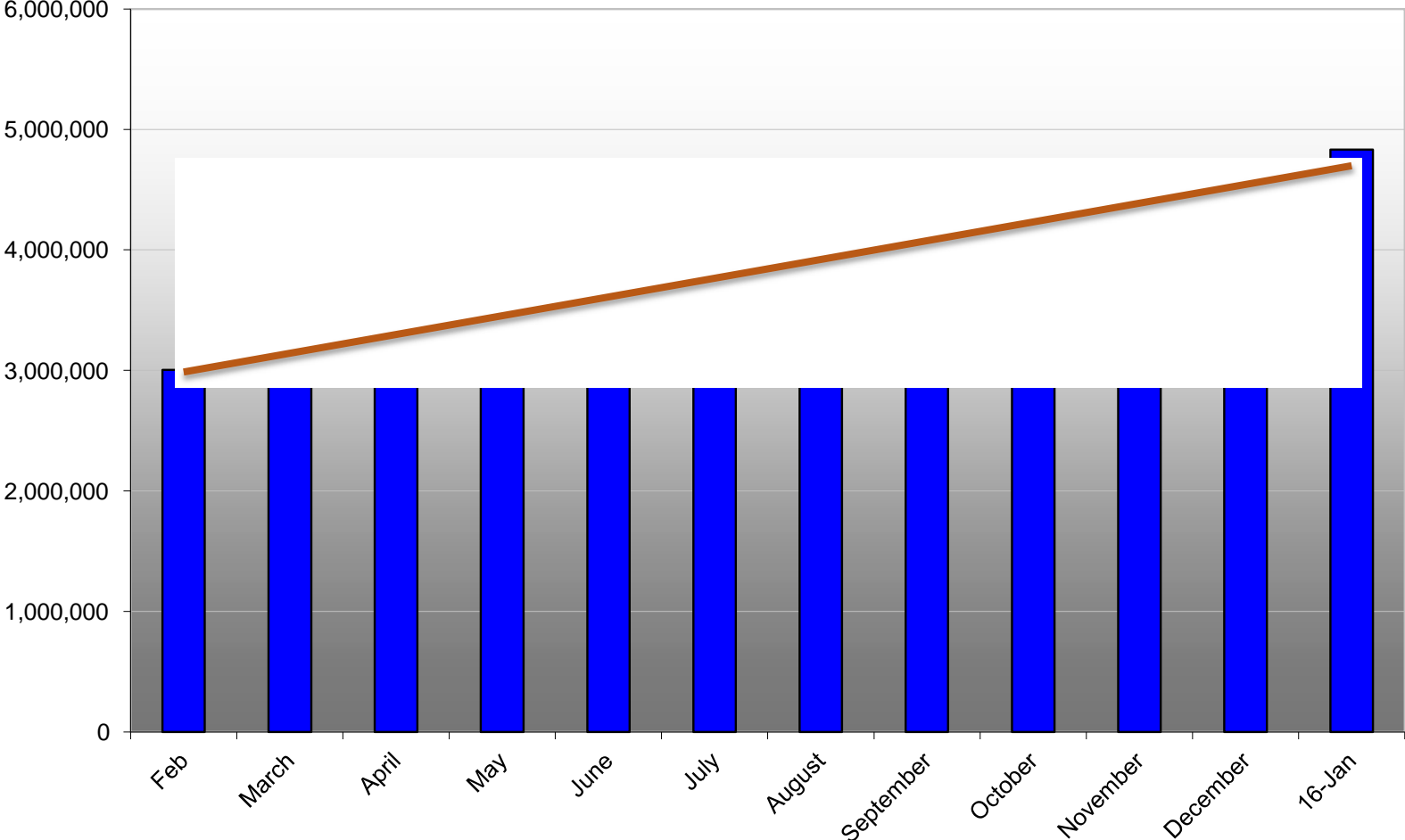
Supporting Providers in Population Health Management

*Data is the Lifeblood of an Accountable Care Organization
& Effective Population Health Management*

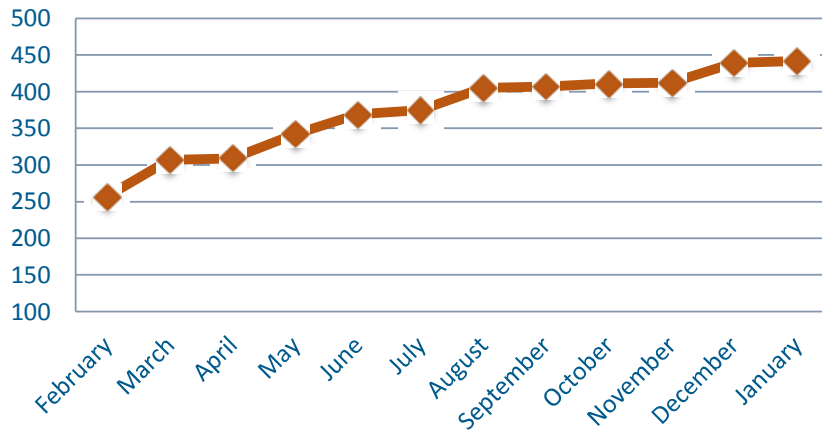
- **Improved Care Coordination – connecting and viewing data from JHC Network hospitals & providers**
- **Connecting Patients - to the ACO network of providers and facilities**
- **Connecting Providers – offering improved communication with ACO physicians**
- **Care Team Alerts - of ACO patient hospital/ER visits**
- **Access to Data & Lists - of specific patients matching certain health criteria**
- **Critical Quality Data - to enable the complete understanding of clinical outcomes (benefiting from other JHC hospitals on 33 quality measures)**
- **Access to (and sharing of) patients' clinical data across disparate EMRs/PHRs in the ACO and JHC Network**



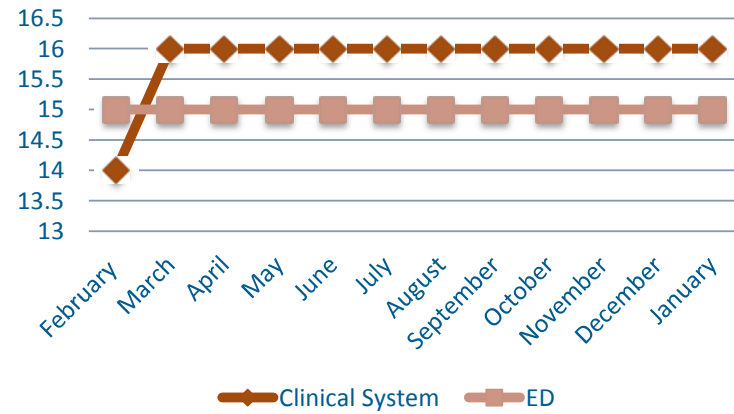
JHC Network Platform Transaction Volume



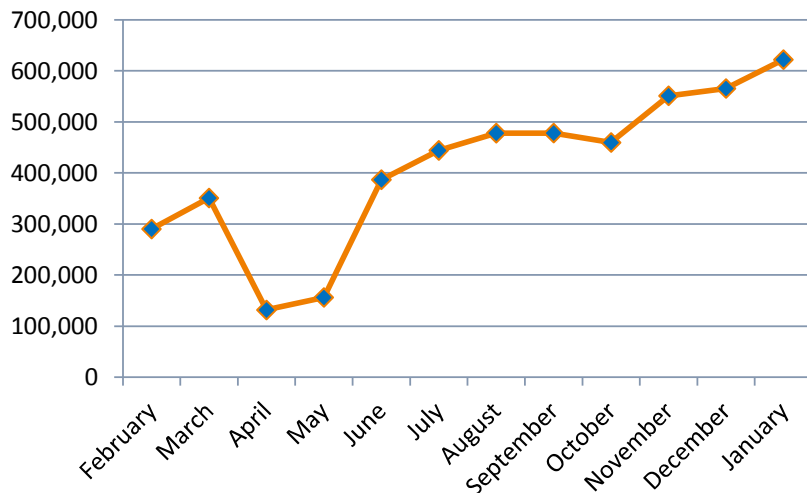
Result Delivery EMR Endpoints



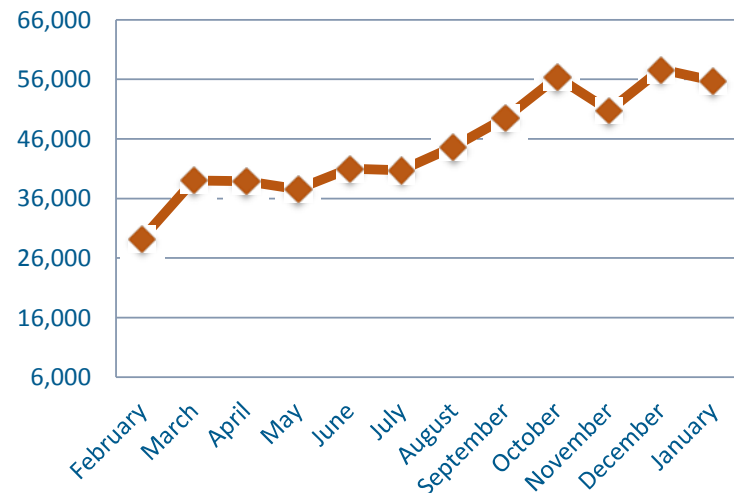
SSI Capabilities



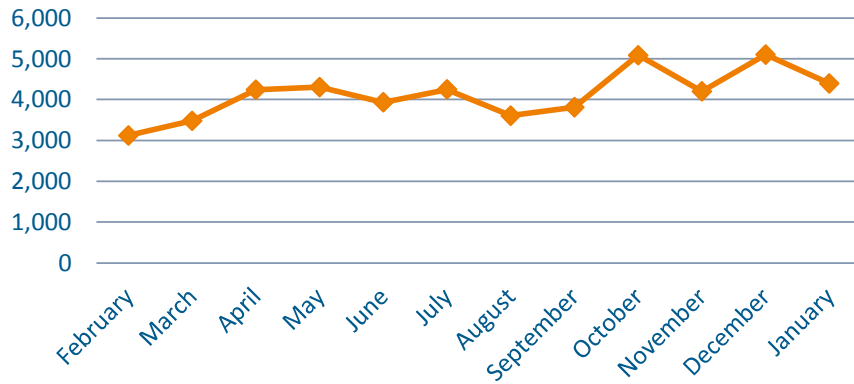
Patient Record Views



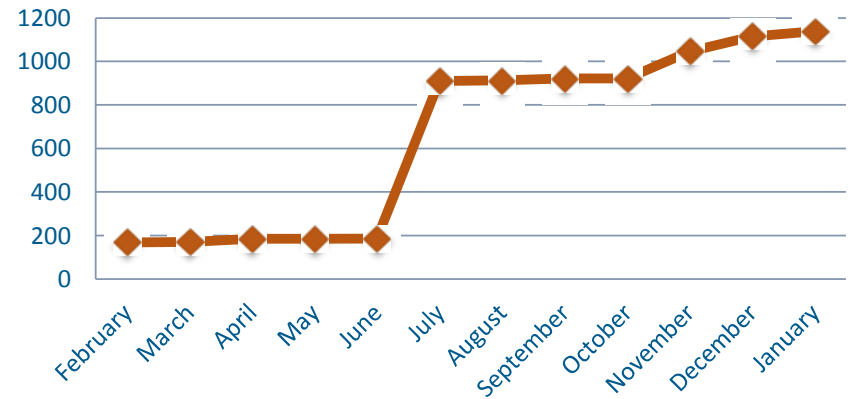
Lab/Radiology Orders Placed



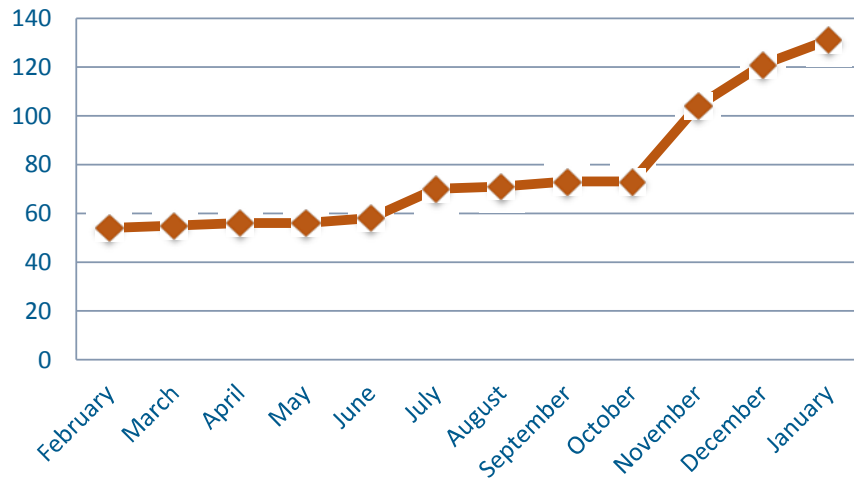
Direct Messaging Transactions



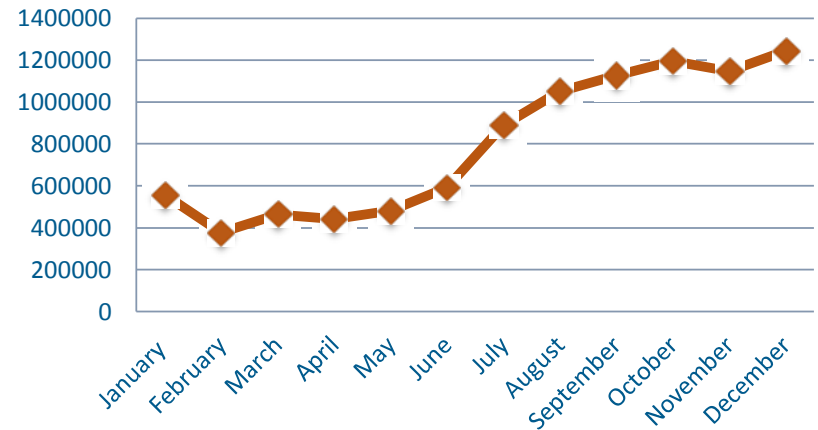
Providers Contributing Health Summaries



Practices Contributing Health Summaries



Total Health Summary Volume



Jersey Health Connect 2016 Strategic Roadmap

- **Driving the Next Generation of HIE Architecture**
- **Expanding Relationships with Payors Across NJ**
- **Building a New Business Model for Sustained Success**
- **Advancing Use Case System Requirements**

Jersey Health Connect HIE Use Cases

- ◆ **ED & Inpatient Notifications** – “frequent flyer” reports on patients to support proactive care management
- ◆ **Electronic Medication Lists** – care coordination on LTC patient medications upon acute care admission
- ◆ **Enterprise Imaging** – streaming image access, embedded in HL7 reports, reduces redundancy and radiation exposure
- ◆ **Demographic Patient Data** – utilized for population health management outreach

Jersey Health Connect Operational Budget

- ◆ Annual Budget
 - ◆ \$5.8M total expenses
 - ◆ \$818K admin & overhead
- ◆ Add-on services costs passed through
- ◆ Funding Sources
 - ◆ \$130,000/hospital/year

Jersey Health Connect Outreach & Education

- ◆ **Uniform Branding Model** – “(provider name) Health Connect”...
Trinitas Health Connect, Hunterdon Health Connect, RWJ Health Connect., etc.
- ◆ **Opt-Out Entry** – performed by JHC, or directly by patients.
Promotion and adoption conducted by JHC Members directly with their patient base – with support from JHC.
- ◆ **Consumer Marketing** – conducted (and funded) by hospitals/health systems as a part of their organizational marketing strategy – videos, website links, print, outdoor, radio and television advertising.

Jersey Health Connect HIE Best Practices

- ◆ Open Governance Structure
- ◆ Outsourced Staffing
- ◆ Vendor Neutral Model
- ◆ Patient Identification Standards
- ◆ Dedicated Patient Portal
- ◆ Support Population Health

Jersey Health Connect Looking Back... HIE Learnings

- ◆ Develop Patient ID Standards at the Start
- ◆ Establish Support Staff (*early*) For Implementation
- ◆ Dedicated HIE Representatives for Each Organization (member) with Defined Roles/Responsibilities

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