Pennsylvania eHealth Partnership Advisory Board Meeting

February 4, 2022

P3N PA PATIENT & PROVIDER NETWORK
PRIVATE & PROTECTED

pennsylvania
DEPARTMENT OF HUMAN SERVICES

Agenda

10 a.m. Welcome and Introductions
10:05 Minutes of November 5, 2021 Meeting
10:10 Introduction to New P3N Vendor Cognosante
10:40 HIE Trust Community Committee Updates
11:00 PA eHealth Partnership Initiatives and Accomplishments
11:25 HealthShare Exchange Overview
11:45 New Business
11:50 Public Comment
12 p.m. Adjournment

Remaining 2022 Meeting Dates:
May 6, 2022
August 5, 2022
November 4, 2022

pennsylvania
DEPARTMENT OF HUMAN SERVICES

Welcome and Introductions

David F. Simon, JD

Consumer Representative

and

PA eHealth Advisory Board Chair

PA eHealth Advisory Board

Mr. MARTIN CICCOCIOPPO, Director, PA eHealth Partnership Program
Pennsylvania Department of Human Services (Secretary of DHS Designee)

Ms. PAMELA E. CLARKE, Senior Director, Quality, Health Promotion Council (House Appointed HIO Representative)

Mr. JOSEPH FISNE, Associate Chief Information Officer
Geisinger Health System (Senate Appointed HIO Representative)

Mr. SCOTT FRANK, Chief Information Officer
Capital Blue Cross (Insurer Representative)

Dr. BRIAN HANNAH, formerly Vice President, Chief Medical Information Officer
Mercy Health (Hospital Representative)

Dr. TIMOTHY HEILMANN, Chief Medical Information Officer
UPMC Susquehanna (Physician or Nurse Representative)

Ms. TERI L. HENNING, Chief Executive Officer
Pennsylvania Homecare Association (Home Care or Hospice Representative)

PA eHealth Advisory Board continued

Mr. MICHAEL HUMPFREYS, Chief of Staff
Pennsylvania Insurance Department (Insurance Commissioner Designee)

Ms. JULIE KORICK, Director of Finance & Business Development
Pennsylvania Association of Community Health Centers (Underserved Representative)

Ms. MINTA LIVENGOOD, Vice Chair, Consumer Subcommittee of the MAAC
(Consumer Representative)

Mr. PAUL MCGUIRE (Vice Chair), Chief Operating Officer, Quality Life Services
(Post-Acute Care Facility Representative)

Dr. MICHAEL A. SHEINBERG, Chief Medical Information Officer
Penn Medicine Lancaster General Health (House Appointed HIO Representative)

Mr. JARED SHINABERY, Deputy Secretary for Health Innovation, PA Department of Health (Secretary of Health Designee)

Mr. DAVID F. SIMON (Chair), Chief Legal Affairs Officer
Philadelphia College of Osteopathic Medicine (Consumer Representative)

Ex Officio Members

Ms. PHYLLIS SZYMANSKI, Director
ClinicalConnect HIE (Nominated as Senate HIO Appointee)

Mr. DON REED, Chief Operating Officer
HealthShare Exchange (Nominated as House HIO Appointee)

Introduction to New P3N Vendor

Julie Crouse

Vice President

Technology Operations, Solutions and Technology

Cognosante

New P3N and PHG Procurement

- Request for Proposals (RFP 09-19) released January 27, 2021
- Cognosante signed 5-year contract on October 7, 2021
- First PA eHealth Team meeting with Cognosante was on Tuesday, October 26, 2021, followed by ongoing meetings
- CMS approved Cognosante contract on December 2, 2021
- Cognosante Contract fully executed by the Commonwealth on January 6, 2022
- Purchase Order and notice to begin work were effective February 1, 2022
- Full-day hybrid kick-off meeting to be held February 8, 2022
- Expectation is to have the new P3N system replace the current IBM P3N system by July 2022
- PHG, Care Plan Registry, and other new services will be implemented by January 2023

Cognosante Strengths

- Transitioned a system based on the same software solution as the current P3N to an InterSystems solution for the Alabama Medicaid Agency's One Health Record (ALOHR) HIE
- Developed and hosts the data analytics, dashboard, and operational monitoring system for the national eHealth Exchange Hub
- Personnel and corporate experience with state Medicaid Agencies, CMS, PA eHealth, and ONC
- Provided a detailed initial work plan and work breakdown structure that supports our delivery requirements
- Proposed a modular, Health Service Bus solution allowing key product components to be implemented and maintained independently
- Will bring their experience working with the Alabama Medicaid Agency in support of exchange of MMIS data and the Alabama HIE, ALOHR, in support of the 21st Century Cures Act, Patient Access rule

Exhibit 43: Planned P3N Roadmap. *Cognosante's high level time related plan to deliver all P3N Components within RFP required timeframes.*

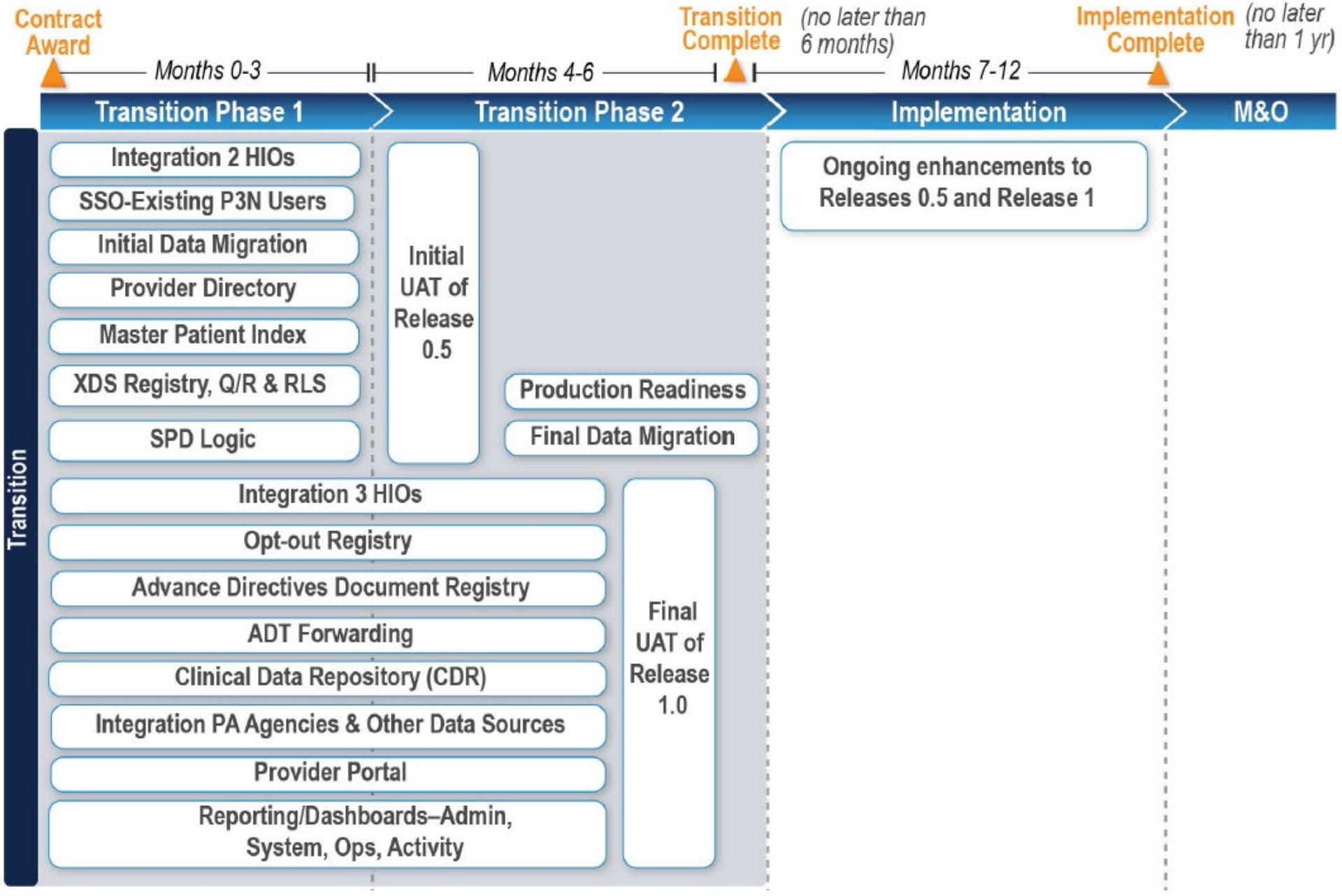
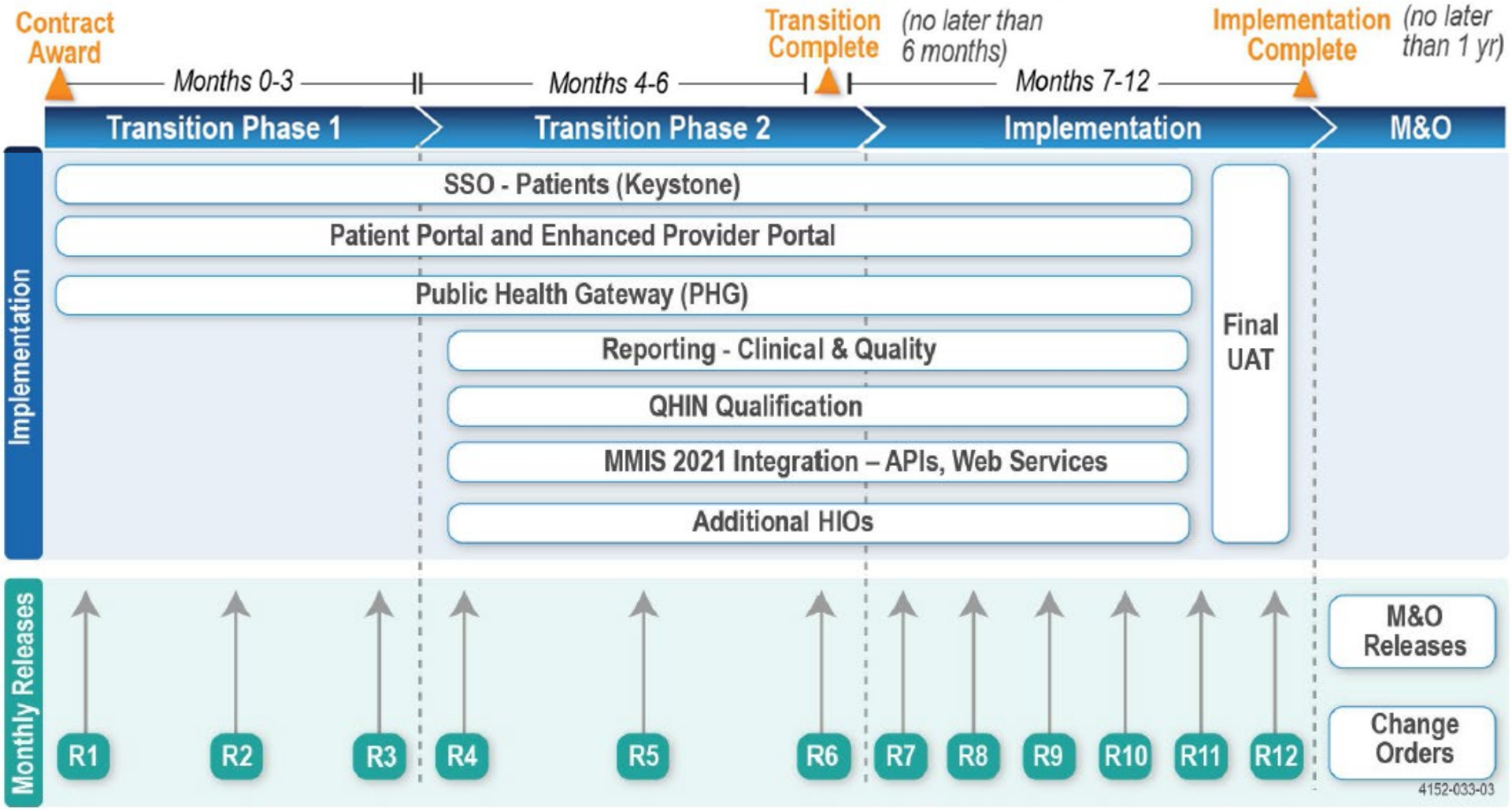


Exhibit 43: Planned P3N Roadmap. *Cognosante's high level time related plan to deliver all P3N Components within RFP required timeframes.*



HIE Trust Community Committee

Doug Carroll

Manager Infrastructure & Security CISO

Mount Nittany Health

HIE Trust Community Committee

Chairperson:

- Keith Cromwell, Program Manager, Central Pennsylvania Connect HIE

HIE Trust Community Committee Meeting Summaries:

- HIETCC Meeting Agenda, January 5, 2022
- HIETCC Meeting Minutes, December 1, 2021
- HIETCC Meeting Minutes, November 10, 2021
- HIETCC Meeting Minutes, October 6, 2021

HIE Trust Community Committee

Topics covered/discussions w/continued focus on:

- RISE PA – Grant Program for HIOs to Select Statewide RRT Vendor
- New HIO – Lehigh Valley Health Network Onboarding to P3N
- Interstate Data Sharing – DHIN Onboarding to P3N ADT Service and CRISP to leverage DHIN P3N Connection for sharing MD, WV and DC ADTs
- HIO Support for Public Health Reporting – PA-SIIS Challenges and new PDMP
- ARPA Funded Grant Programs for Home Health Agencies: HIE Onboarding and EHR Incentive Program
- P3N Operations and Transparency
- Encounter Notification – P3N ADT Service Nursing Home Expansion
- Enabling Image Sharing in Health Information Exchanges
- Electronic Case Reporting (eCR)
- Trusted Exchange Framework and Common Agreement
- New P3N vendor, Cognosante, met with HIETCC on January 5, 2022

PA eHealth Accomplishments & Initiatives

Martin Ciccocioppo, MBA MHA

Director

Pennsylvania eHealth Partnership Program

Office of Medical Assistance Programs

Pennsylvania Department of Human Services

PA eHealth Accomplishments

November 2021 – The PA eHealth Team relocated from the Health and Welfare Building in the Capitol Complex to the newly constructed Harrisburg Uptown Building (HUB) at 2525 North 7th Street, Harrisburg, PA 17110.

December 2021 – P3N began receiving ADTs from the Delaware Health Information Network (DHIN) for Pennsylvania patients receiving care in Delaware.

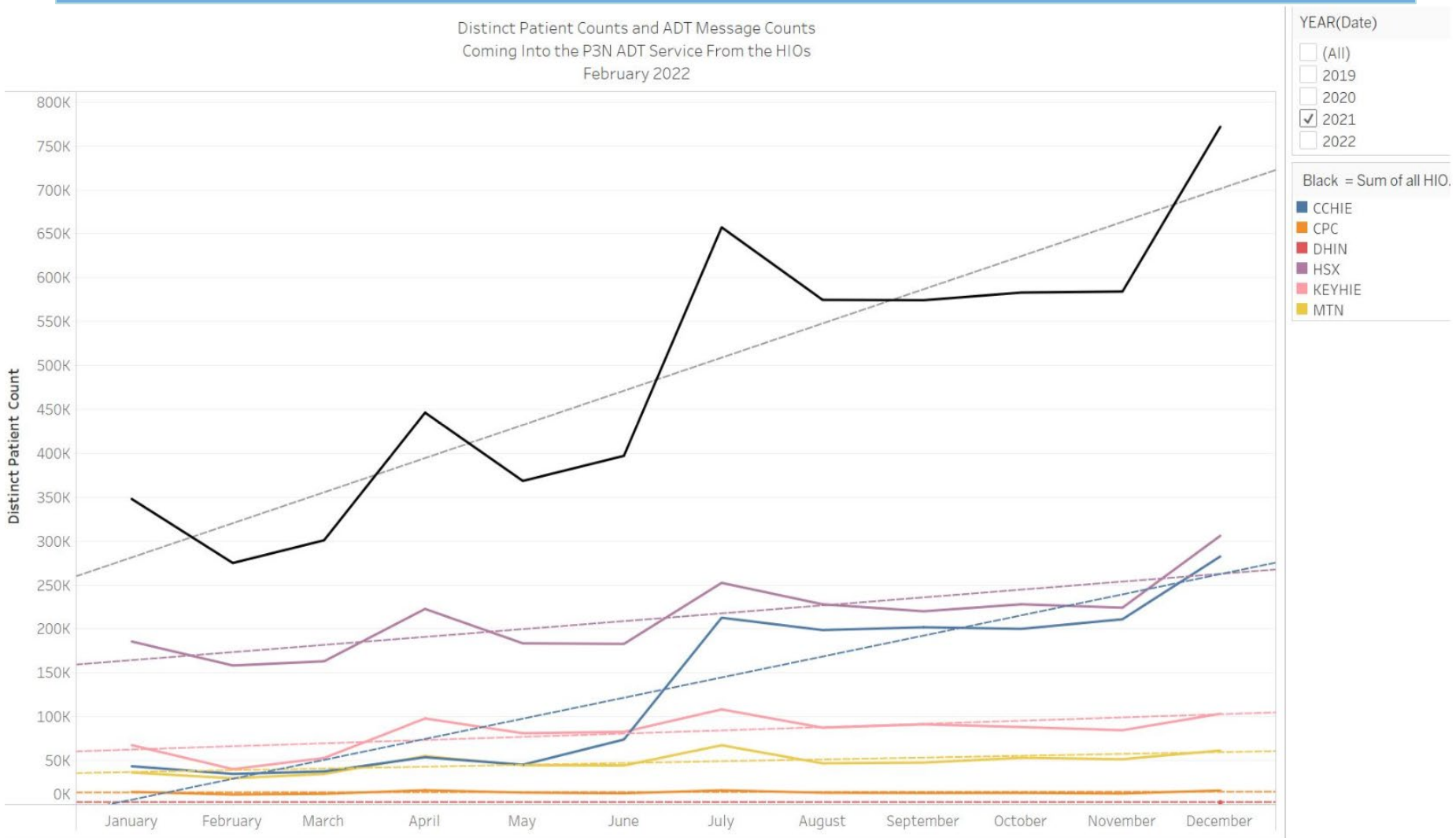
January 2022 – P3N began sending ADTs to the DHIN for Delaware patients receiving care in Pennsylvania.

February 2022 – The Lehigh Valley Health Network (LVHN) became the sixth P3N Certified HIO.

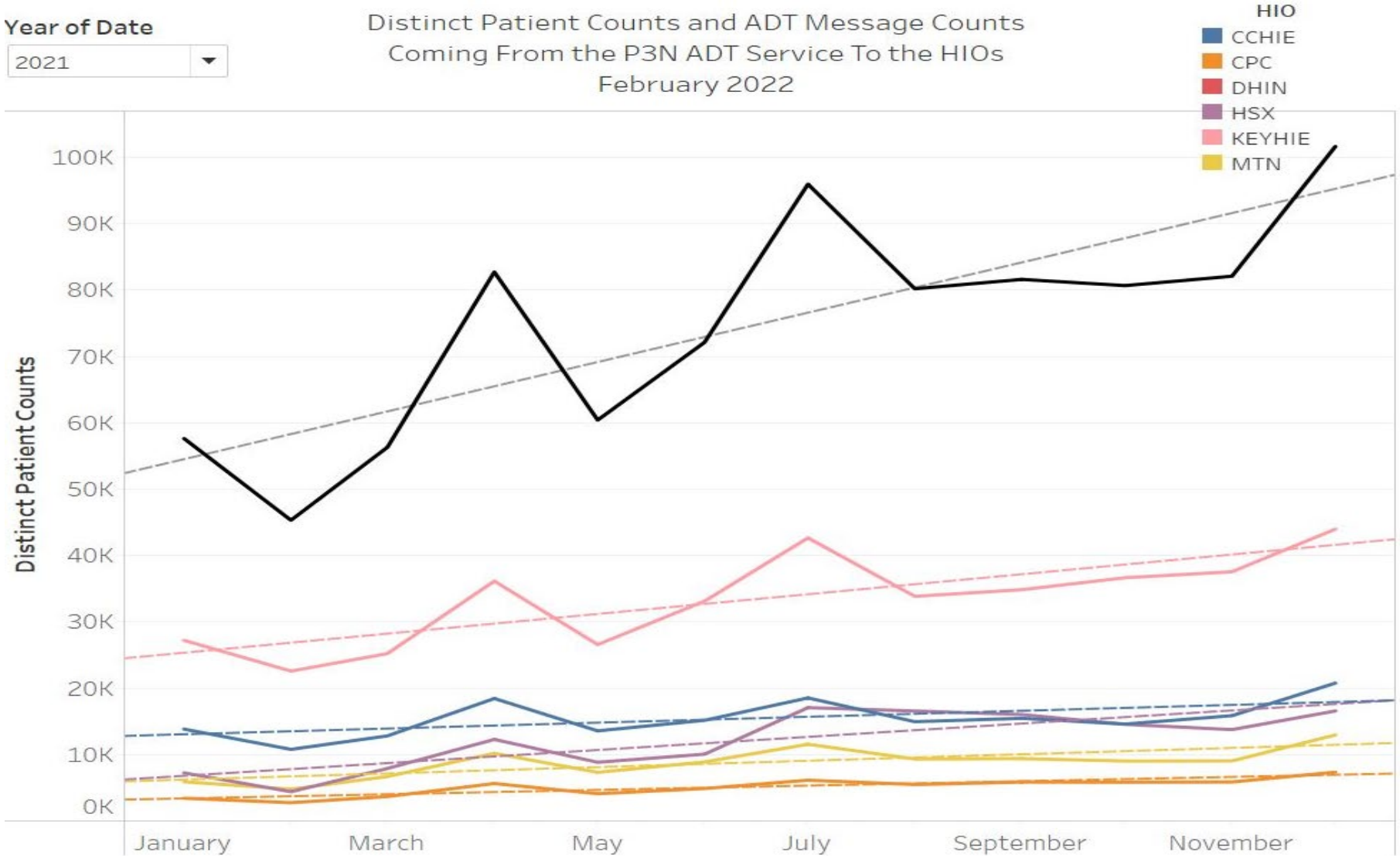
February 2022 – Cognosante officially began work on building the next generation P3N with an integrated Public Health Gateway.

February 2022 – Using Tableau for data analytics and visualizations.

Unique Patients Sent by HIOs to P3N



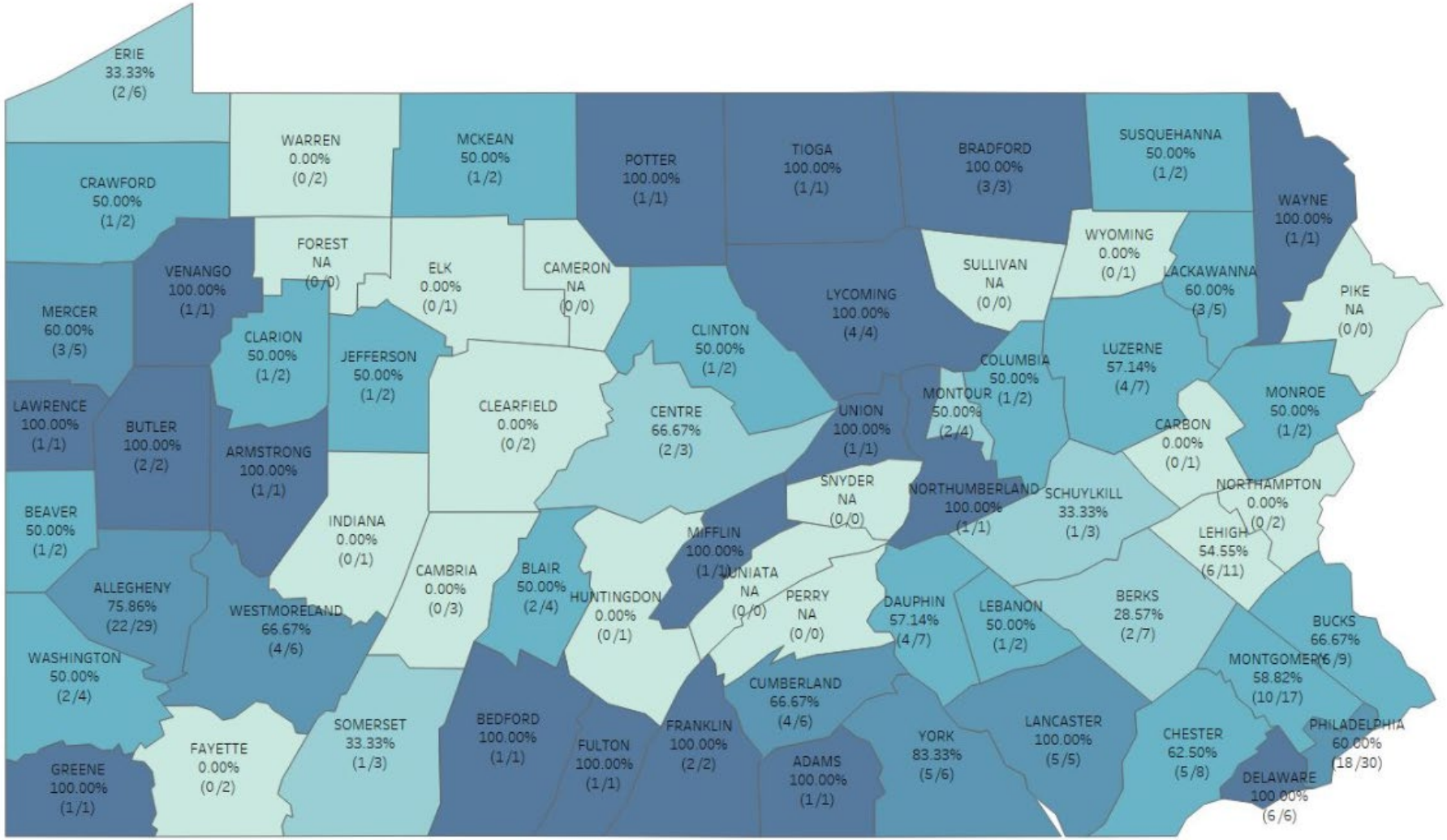
Unique Patients Sent from P3N to HIOs



Percent and Number of Hospitals Statewide that are Affiliated with an HIO -February 2022

60.96%

(153 / 251)

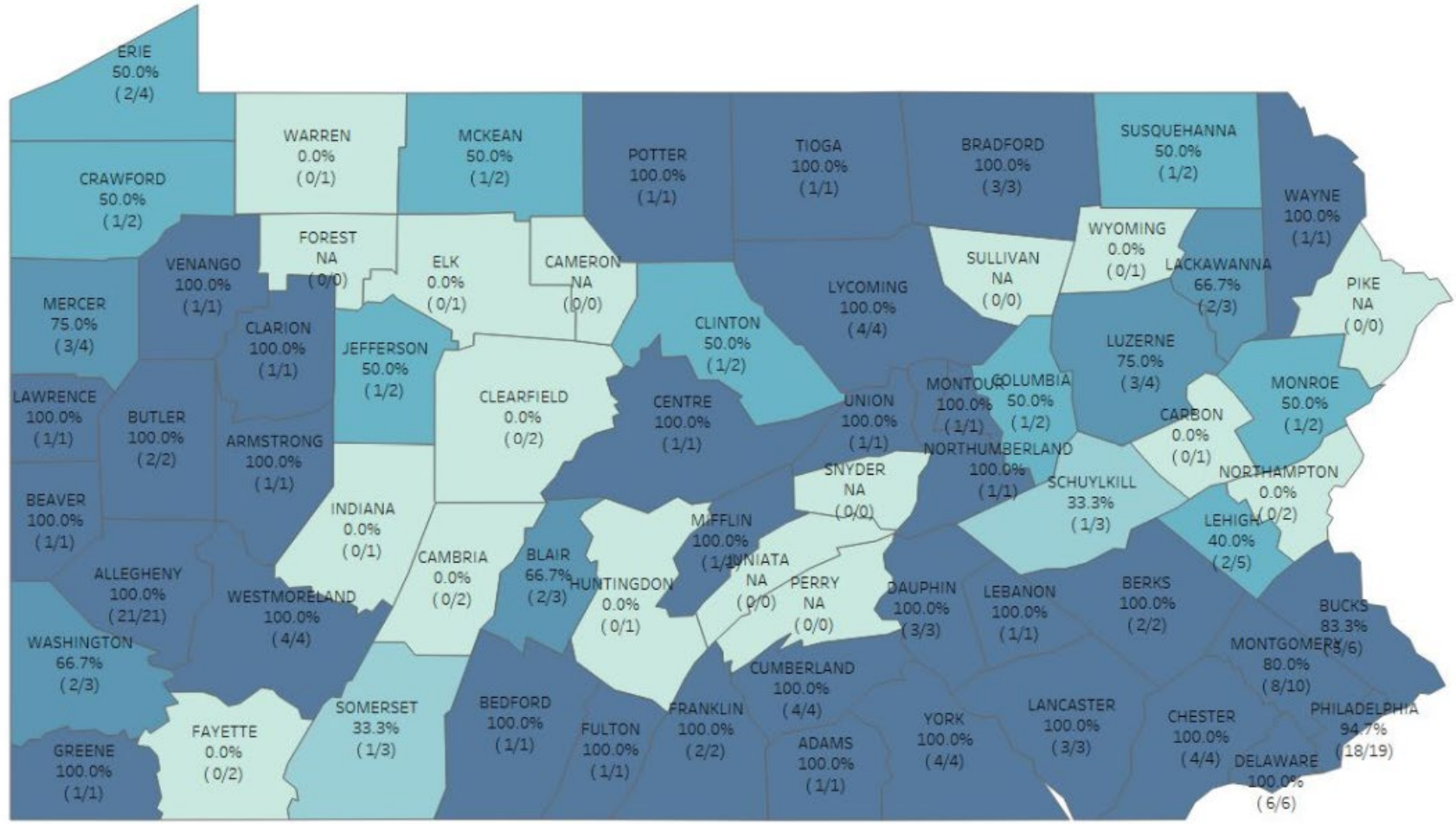


Percent of Hospitals Associated with an HIO

20% 40% 60% 80% 100%

Percent and Number of Acute Care Hospitals with Emergency Departments that are Affiliated with an HIO - February 2022

77.7%
(136/175)



HIO Percent 20% 40% 60% 80% 100%

PA eHealth Initiatives

HHA HIE Onboarding – PA eHealth will administer a $5 million HIE onboarding grant program for home health agencies (HHA) that serve MA Pediatric Shift Care patients.

HHA EHR Incentive Program – PA eHealth will administer a $7.8 million EHR Incentive Program for HHAs that serve MA Pediatric Shift Care patients.

RISE PA – Resources Information and Services Enterprise will be enabled by P3N HIOs and their selected statewide resource and referral tool vendor with support from an $18 million PA eHealth grant program.

TEFCA – In January 2022, the Office of the National Coordinator for Health Information Technology (ONC) and the Sequoia Project have begun implementing the Trusted Exchange Framework and Common Agreement authorized by the 21st Century Cures Act of 2016. PA eHealth is evaluating becoming a Qualified Health Information Network (QHIN) or connecting to a QHIN.

What is RISE PA

- A platform to screen for unmet social needs (Domains: Food security, Housing security, Employment, Financial strain, Childcare, Utilities, Clothing, Medical Access/ Affordability, and Transportation)
- Contains a searchable and accessible resources directory
- Provides a closed loop referral system
- Provides a care coordination and care management platform for community-based organizations (CBO)
- Maintains data
- Allows for some level of interoperability and integration with stakeholder and commonwealth systems
- DHS has engaged many different stakeholders over several years to better understand what was desired for RISE PA.
- We are working to make sure that the previous feedback from the advisory committee is not lost in the new path forward.

How do we get there?

- $18 million dollar grant, over 2 years
- $4.5 million for HIOs to procure RISE PA tool and integrate it into health information exchange
- $9 million for the HIOs to pass through to the selected RISE PA vendor
- $4.5 million for end-users of the tool (providers, CBOs, others) to update electronic records system to integrate with the tool
- HIOs would slightly increase user fees in the long-term, given added functionality after two years
- HIOs are already in the business of exchanging health-related information and have significant connections to providers across the Commonwealth
- More expeditious
- More stable: Do not have to re-procure every two years

Path forward

- Health information organizations (HIOs) would collectively procure a single, statewide, RISE PA tool vendor with the desired functionality
- HIOs would integrate the tool into the PA Patient and Provider Network (P3N) and health information exchange
- This means that providers or other stakeholders could access the tool if they have already been onboarded by any of the HIOs
- The selected vendor will onboard community-based organizations
- Agencies can access the tool through working with the vendor or the HIOs

RISE PA

If you are a clinical provider and have already joined an HIO, the selected vendor would integrate with Health Information Exchange.

DOH

DHS DOC

PA Patient and Provider Network (P3N)

Health Information Organization (HIO)

Health Information Organization (HIO)

Health Information Organization (HIO)

If you are a CBO, the selected vendor should work to onboard you directly.

Provider

Selected RISE PA vendor

CBO

Diabetes
Food insecure

TEFCA

21stCentury Cures Act -Section 4003(b)

*"[T]he National Coordinator shall convene appropriate public and private stakeholders to **develop or support** a **trusted exchange framework** for trust policies and practices and for a **common agreement** for exchange between health information networks." [emphasis added]*

GOAL 1

Establish a universal policy and technical floor for nationwide interoperability

GOAL 2

Simplify connectivity for organizations to securely exchange information to improve patient care, enhance the welfare of populations, and generate health care value

GOAL 3

Enable individuals to gather their health care information

Benefits of TEFCA

Individuals

Use an app to access their own records from TEFCA-connected sources located across the nation.

Providers and Health Systems

Improve care, coordination and population health by obtaining a more informed picture of care across settings through fewer connection points.

Public Health

Improve quality, reduce costs, and expand public health interoperability.

For more detail on the benefits of TEFCA for stakeholders, see factsheets at: https://rce.sequoiaproject.org/tefca-and-rce-resources/

Payers

Get and share data needed for care management, value-based care, payer-to-payer exchange, etc.

Health Information Networks

Enhance the value of network participation and lower the cost of connecting with other networks.

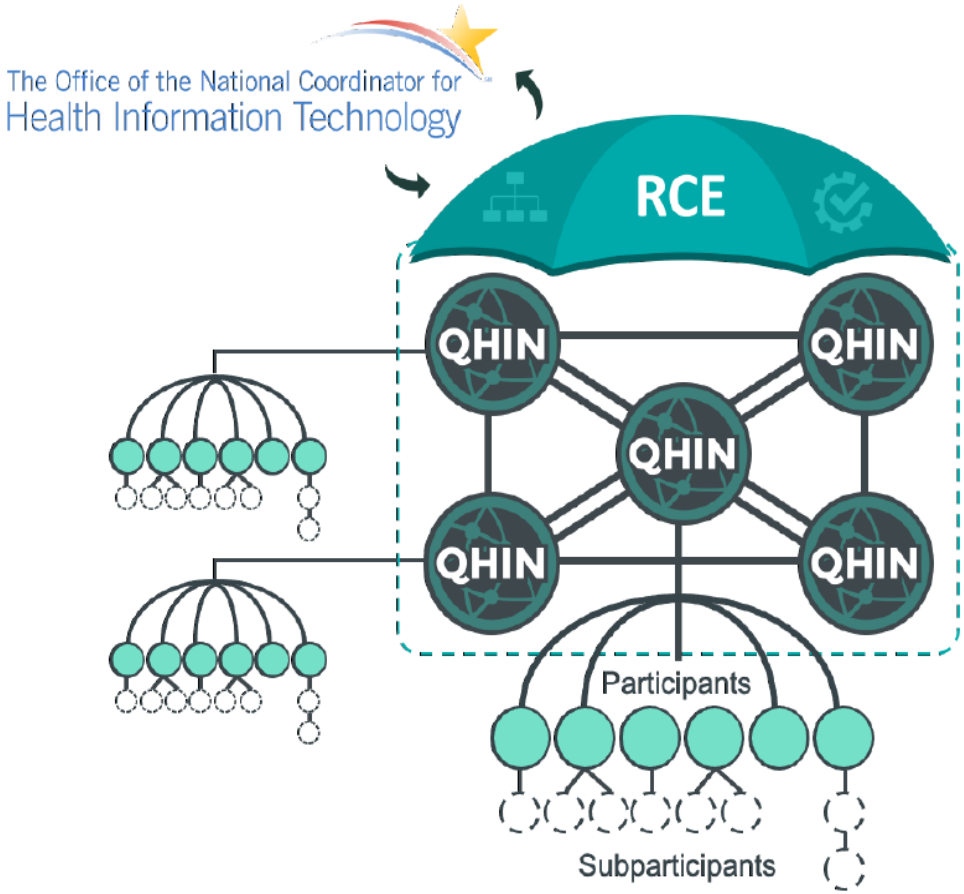
Technology Developers

Provide a scalable policy and technical ecosystem for innovation.

Researchers (Future)

Improve quality, reduce costs, and expand participation in clinical research.

How will exchange work under TEFCA?



ONC defines overall policy and certain governance requirements.

RCE provides oversight and governing approach for QHINs.

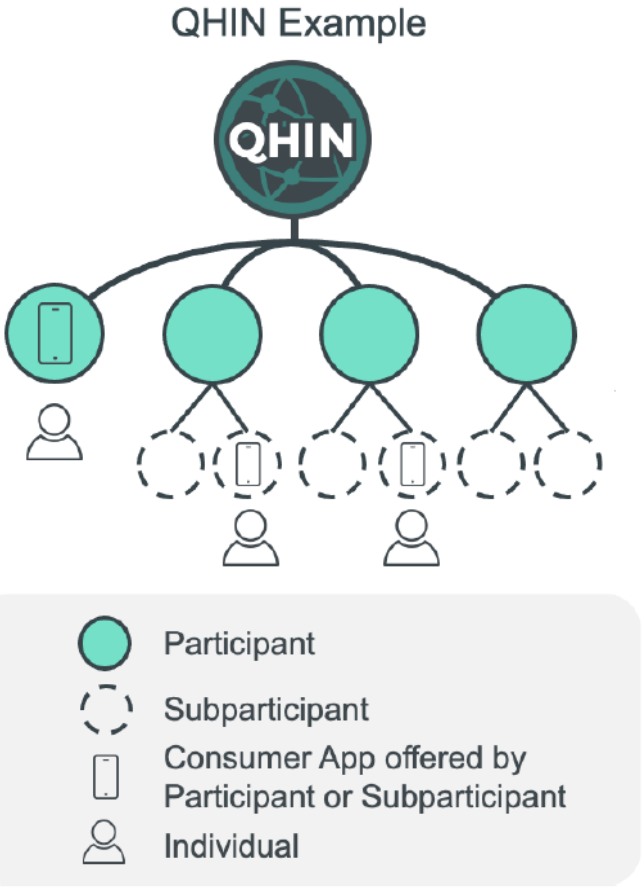
Qualified Health Information Networks (QHINs) connect directly to each other to facilitate nationwide interoperability.

Each QHIN connects Participants, which connect Subparticipants.

Role of Recognized Coordinating Entity (RCE)

- Develop, update, implement, and maintain the Common Agreement.
- Modify and update the Qualified Health Information Network Technical Framework (QTF).
- Virtually convene public stakeholder feedback sessions.
- Identify, designate, and monitor Qualified Health Information Networks (QHINs).
- Develop and maintain a process for adjudicating QHIN noncompliance.
- Propose strategies to sustain the Common Agreement at a national level.
- For more detail on TEFCA go to: https://rce.sequoiaproject.org/tefca-and-rce-resources/

Role of a Qualified Health Information Network



A **QHIN** is an entity with the technical capabilities and organizational attributes to connect health information networks on a nationwide scale.

- High volume
- High reliability
- Abides by the Common Agreement
- Adheres to the QHIN Technical Framework

Participants and Subparticipants will be able to choose their QHIN based on the services provided and fees charged.

Participants and Subparticipants will be able to share information with all other connected entities regardless of which QHIN they choose.

QHINs may not charge fees to other QHINs for any exchange of information under the Common Agreement.

Common Agreement Flow-Down Provisions

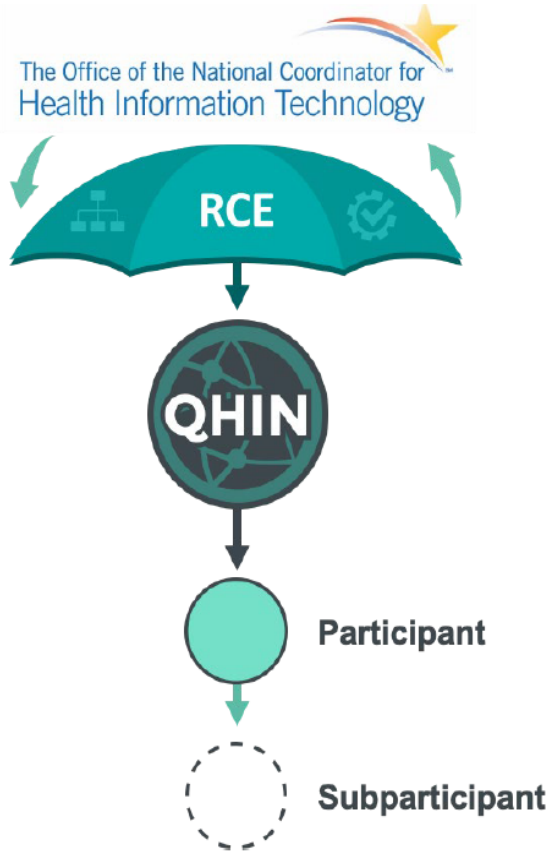
Common Agreement

Each QHIN shall voluntarily enter into a contractual agreement with the RCE by signing the Common Agreement, making all QHINs parties to the Common Agreement. The Common Agreement includes flow-down clauses for the QHIN's agreements with its Participants and each Participant's agreements with its Subparticipants.

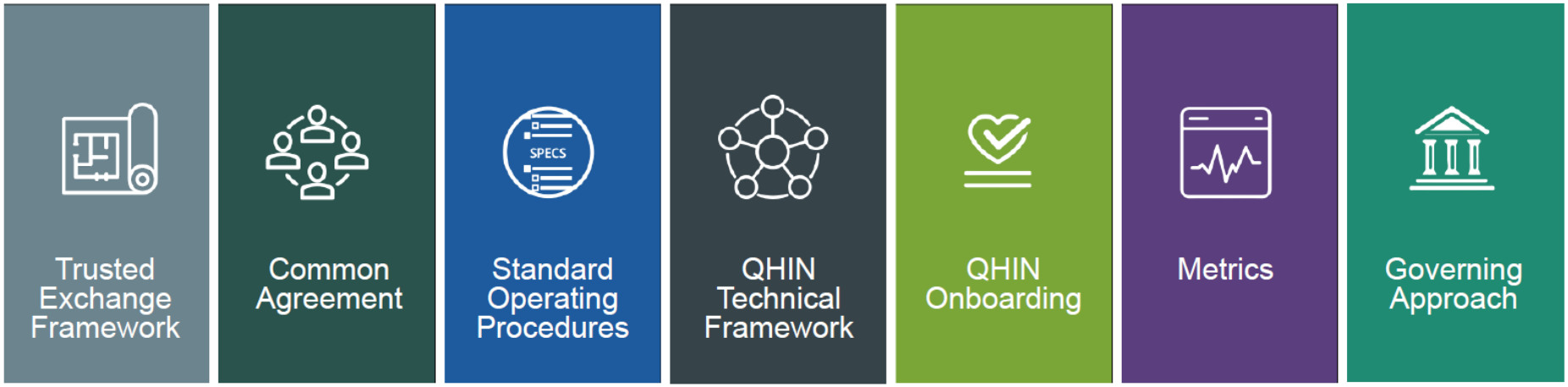
Required Flow-Downs Will Address:

- Cooperation and Nondiscrimination
- Confidentiality
- Utilization of the RCE Directory Service
- Uses, Disclosures, and Responses
- Individual Access Services
- Privacy
- Security
- Special Legal Requirements
- TEFCA Information Outside
- Other General Obligations

Entities may connect into exchange at any level, but must abide by the flow-down provisions, which create common "rules of the road."



TEFCA Components



TEFCA Exchange Purposes

The Exchange Purpose identifies the reason for which information could be requested or shared through QHIN-to-QHIN exchange.

Only these six Exchange Purposes are authorized under the Common Agreement.

A forthcoming SOP will specify that Treatment and Individual Access Services (IAS) require Responses.

Eventually, the other four Exchange Purposes will require Responses in conformance with forthcoming implementation guides. These will be rolled out with adequate time for stakeholders to prepare.

Additional Exchange Purposes may be added over time, including whether they require Responses.

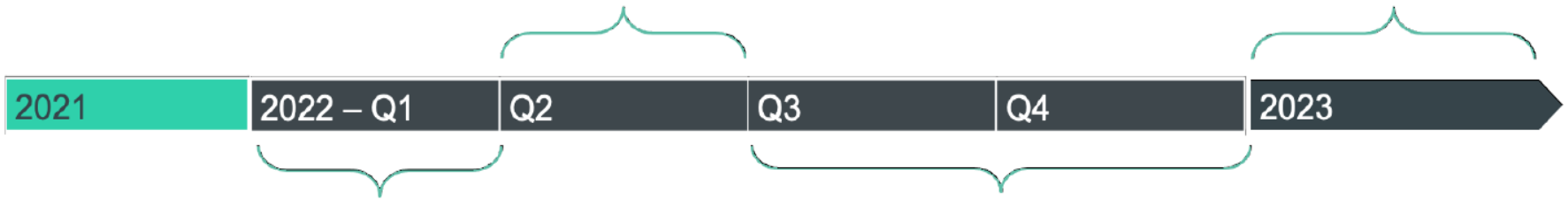
Permitted Exchange Purposes

Timeline to Operationalize TEFCA

2021
- Public engagement
- Common Agreement Work Group sessions
- RCE and ONC use feedback to finalize TEFCA

Q2 of 2022
- QHINs begin signing Common Agreement and applying for designation

2023
- Establish Governing Council
- Follow change management process to iterate Common Agreement, SOPs, and QTF, including to support FHIR-based exchange



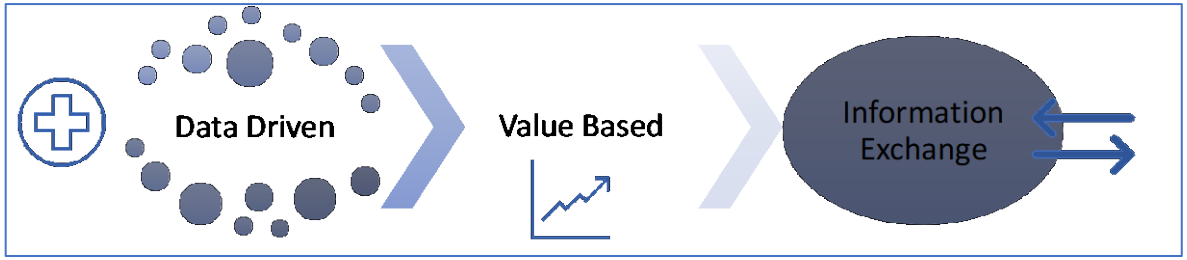
Q1 of 2022
- Publish Common Agreement Version 1
- Publish QHIN Technical Framework (QTF) Version 1 and FHIR Roadmap
- Initiate work to enable FHIR-based exchange
- Public education and engagement

Q3 and Q4 of 2022
- Onboarding of initial QHINs
- Additional QHIN applications processed
- RCE establishes Transitional Council
- RCE begins designating QHINs to share data
- Prepare for TEFCA FHIR exchange pilots

HealthShare Exchange

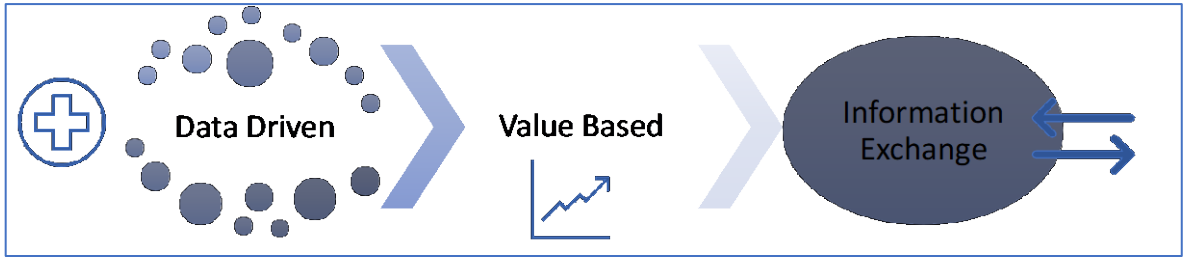
P3N Update – 2/4/22

Don Reed
SVP/COO

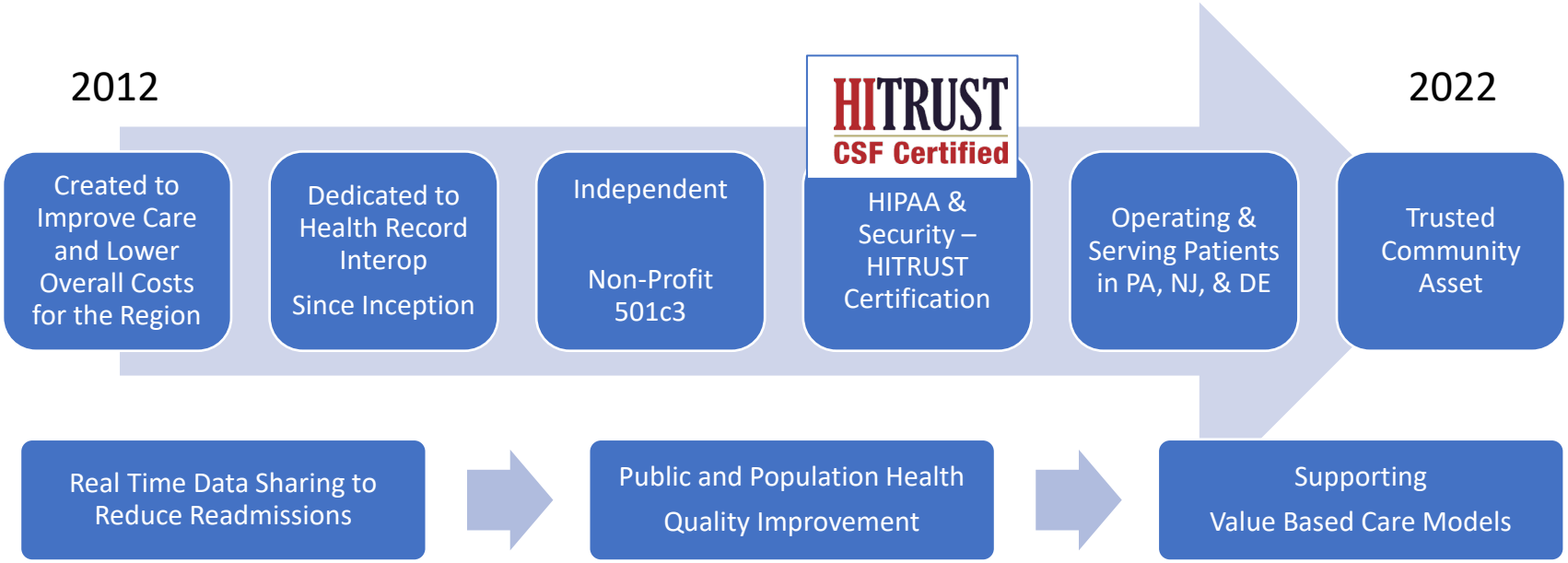


Mission

HealthShare Exchange (HSX) provides secure access to health information to enable preventive and cost-effective care, improve quality, lower costs and facilitate care transitions.



Supporting the Mission



HSX – HIE Membership

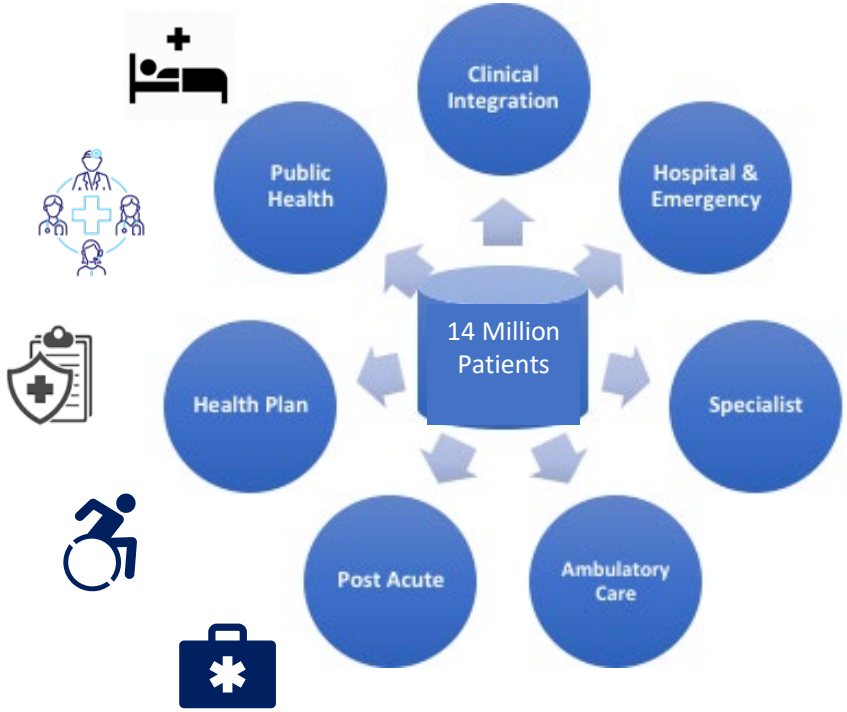
Collaborative Data Sharing Agreements with Major Regional Health Care Organizations

Approx. 500 Total Organizations

- ✓ 16 Health Plans/ACO's
- ✓ 70 Hospitals
- ✓ 120 Post Acute Facilities
- ✓ 150+ Ambulatory Practices

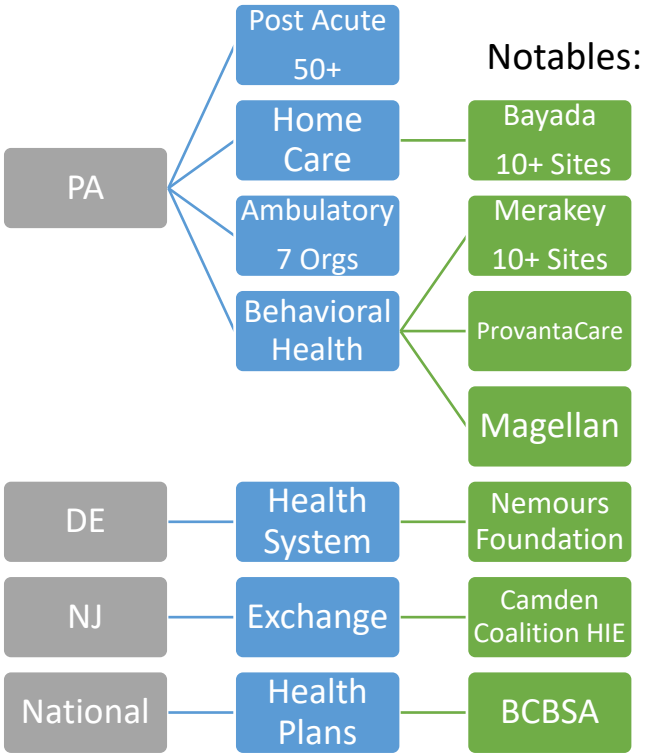
HIPAA & Security Compliance – HITRUST

Health Data Standards Based & Industry Compliant



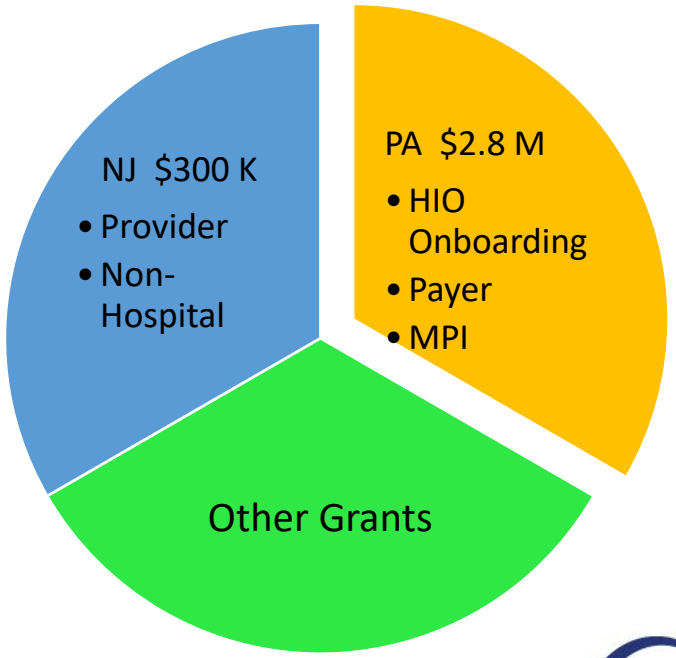
2021 Membership Growth

Recruitment for 2021: 100+ Entities



Notables:

2021 Onboarding Grant Year



Technology & Integration

NextGen

- Mirth Results CDR – 14 M Patients; 60 M Messages/Mth
- Interop with Care Management Systems and EMRs
- Direct Messaging
- Migrating to Health Data Hub

Ai Audacious Inquiry - Encounter Notification Services

- ~ 6.5 M Patient Panels
- Smart Alerts
- CoP CMS ADT Sharing

Exchanges - P3N, NJHIN, DHIN, eHX, Camden

Custom

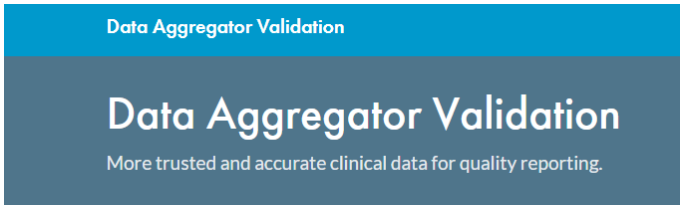
- Clinical Activity History - Push to Provider
- Auto Care Team Finder – Physician Attribution

Value Based Care

Strategic Data Aggregation for Providers, Plans, ACOs Participating in New Models and Quality Incentive Programs

Supporting:

- Value Based Care & Contracting
- Supplemental Data for Quality of Care Programs



In Progress:

- NCQA Data Aggregator Validation Certification
- 21st Century Cures Act FHIR APIs for Payer Data Queries

Partnerships & Programs

Public Health Partnerships

- Philadelphia; PA
- HHS/ONC Nationally Recognized HIE

PA Dept of Aging/AAA's, PACE, BDT

- 12 hospitals Participating
- Increased Benefit for Medication Assistance Program

Research & Analytics

- RWJF - COVID, Diabetes, Obesity
- Novo Nordisk
- American Diabetes Association

Robert Wood Johnson Foundation

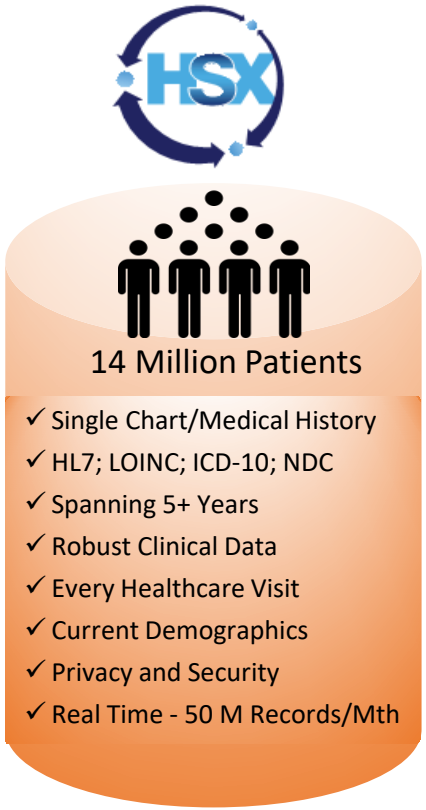
American Diabetes Association®
Connected for Life

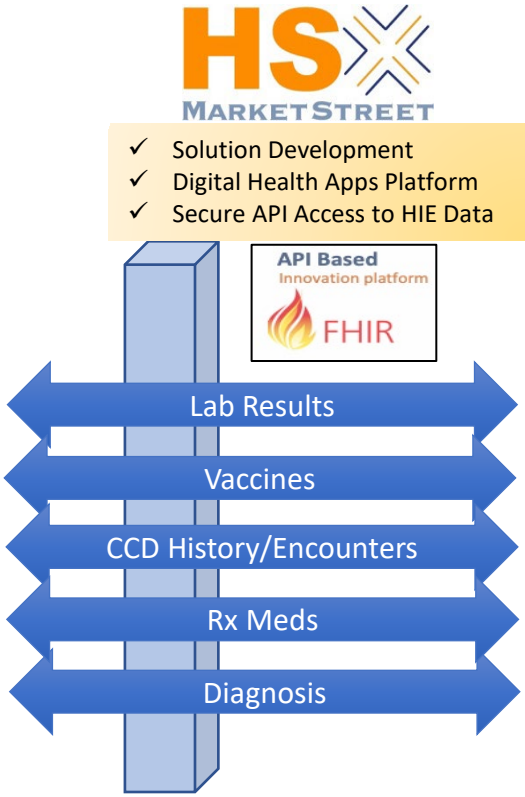
Quality Improvement Programs

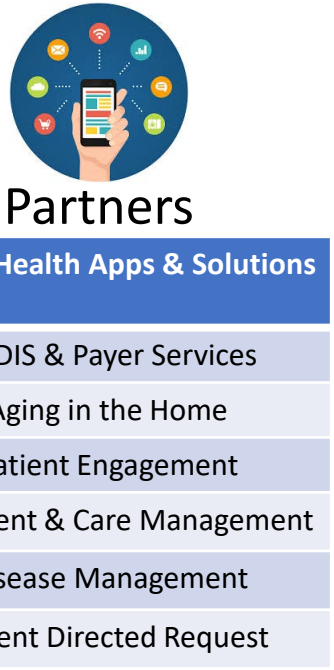
ADA Partnership

- Know Diabetes By Heart
- Philadelphia Diabetes Prevention Collaborative
- Partnership with AMA, Jefferson College of Population Health
- ADA State of Diabetes – Regional Workgroup to Improve Health Equity
- Amputation Risk Reduction - Grant submission w/ ADA to J&J
- Diabetes Awareness Campaign

Innovation & Activation – MarketStreet

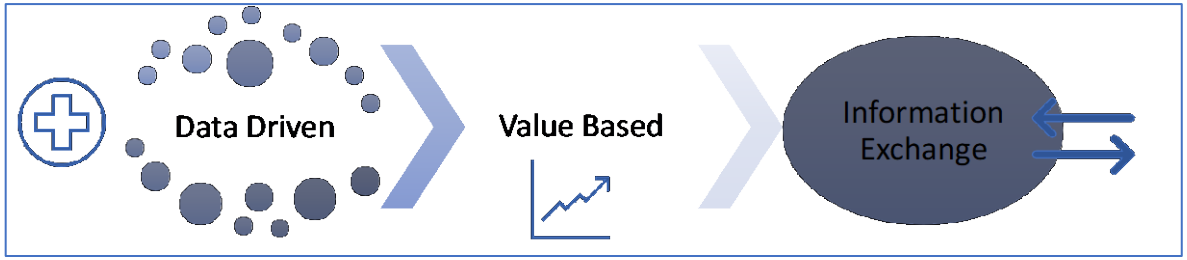






HealthShare Exchange

Thank You



Remaining 2022 Advisory Board Meetings

Friday, May 6, 2022, in-person at 2525 N 7th Street, Harrisburg, PA 17110
10 a.m. – 2 p.m.

Friday, August 5, 2022, in-person at 2525 N 7th Street, Harrisburg, PA 17110
10 a.m. – 2 p.m.

Friday, November 4, 2022, in-person at 2525 N 7th Street, Harrisburg, PA
10 a.m. – 2 p.m.

Public Comment

- Name of submitter for written comment submission acknowledged by chair
- Verbal comment (3 minutes per commenter)

For further information:
http://dhs.pa.gov/ehealth

PA eHealth Partnership Advisory Board:
https://www.dhs.pa.gov/providers/Providers/Pages/Health%20Information%20Technology/eHealth-Advisory-Board.aspx

P3N HIO Certification Package:
https://www.dhs.pa.gov/providers/Providers/Pages/Health%20Information%20Technology/HIO-Connection.aspx

P3N Certified Health Information Organizations (HIO) Information:
https://www.dhs.pa.gov/providers/Providers/Documents/Choose%20your%20HIO.pdf