

# Pennsylvania eHealth Partnership Advisory Board Meeting

**August 9, 2019**



# Agenda

- 10 a.m. Welcome and Introductions
- 10:10 Minutes of May 3, 2019 Meeting
- 10:15 PA eHealth Partnership Program Updates
- 10:45 CPCHIE Early Experience as Newest HIO
- 11:00 Secretary Teresa Miller - DHS Priorities
- 11:40 HIE Trust Community Committee Updates
- Noon Brief Lunch Break
- 12:25 Highlights of Proposed FFY2020 Projects
- 12:45 PA eHealth Strategic Plan Mid-Plan Review
- 1:50 Public Comment
- 2 p.m. Adjournment



# Welcome and Introductions

**David F. Simon, JD**

Consumer Representative

and

PA eHealth Advisory Board Chair

# PA eHealth Advisory Board

Ms. ALISON BEAM, Chief of Staff  
Pennsylvania Insurance Department (Insurance Commissioner Designee)

Ms. SARAH BOATENG, Chief of Staff  
Pennsylvania Department of Health (Secretary of Health Designee)

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)

Ms. JENNIFER B. HAGGERTY, Chief Operating Officer  
Pennsylvania Homecare Association (Home Care or Hospice Representative)

# PA eHealth Advisory Board continued

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

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

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, Long Term Care Consultant  
(Post-Acute Care Facility Representative)

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

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

# Pennsylvania eHealth Program Updates

**Martin Ciccocioppo, MBA MHA**

**Director**

Pennsylvania eHealth Partnership Program

Office of Medical Assistance Programs

Pennsylvania Department of Human Services

# Pennsylvania eHealth Program Updates

- The Department has leveraged managed care contracts, value-based payment programs, and federal HITECH funding to substantially increase provider and payer participation in health information exchange in Pennsylvania.
- We onboarded a new health information organization (HIO) to the Pennsylvania Patient and Provider Network (P3N) and we are actively working on connecting the Department of Corrections electronic health record system to the P3N.
- All five HIOs have acute care hospital emergency departments (91 active and 9 onboarding) contributing Admission Discharge Transfer records (ADTs) to the P3N statewide encounter notification service.
- We now have production connections to four public health registries through our HIOs, including retrieving immunization histories, and we added syndromic surveillance and PDMP registries this year.
- We are adding an advanced directives document registry to the P3N.

# FFY 2019 Projects (1-3)

## **HIE Onboarding Grants**

These grants will be made available to Health Information Organizations (HIOs) to support them in their efforts to connect a variety of healthcare providers to HIO's networks and, in turn, to the P3N. Awarded \$3.5 mil.

## **PHG Onboarding Grants**

These grants are made available to HIOs to support their efforts to connect their Member Organizations to the Public Health Gateway (PHG). The PHG permits a single point of connection from a provider, via an HIO, to a variety of public health reporting systems. Awarded \$300,000.

## **Radiology Image Sharing**

This project will utilize an HIO to electronically share existing radiology and mammography images across a network of care team members to reduce unnecessary radiology exposure to patients and is more cost-effective and value-based. KeyHIE will be the HIO to implement this initiative. Agreement is fully executed and work is progressing.



# FFY 2019 Projects (4-5)

## **Advance Care Planning Documents Registry**

The primary goal of this project is to customize and extend the already-established P3N to provide a state-wide centralized ACPD registry available to all healthcare providers in PA for Medicaid patients initially. The project will establish an advance care planning document registry in cooperation with our HIO partners; develop an operations and support plan; determine usage metrics and steps to increase utilization; and develop an education and outreach plan. Registry currently in HIO testing. Expect to move to production in September 2019.

## **HIO Integration for Department of Corrections**

The goal of this project is to enable health information exchange for the Dept. of Corrections by connecting their electronic health records system to the P3N. To reach this goal, DHS will create a customized interface between Corrections and the P3N. The interfaces will support submission of data to – as well as query of – the state’s health registries and certified HIOs. Onboarding to P3N should be complete in September 2019.

# FFY 2019 Projects (6-8)

## **PHG Utilization**

This project supports the advancement of the PHG and is primarily DOH staff expenses. Significant traffic increase seen in 2019.

## **Case Reporting**

This project will expand electronic case reporting (eCR) capabilities by building a service to allow enhanced HIE integration that is not dependent on the Digital Bridge. This service will enable the reporting of additional types of cases and also meet the MU requirements. Work is continuing.

## **Immunization Registry Interoperability**

The goal of this project is to provide a secure means for DOH to automatically evaluate test submissions to the PA-SIIS for proper content and structure. This funding will support the addition of 3 contract staff. This initiative supports the MU Stage 3 Public Health Objective. Registry was unable to implement this project in FFY2019.

(Note: Projects 6-8 support Dept. of Health public health registries.)

# FFY 2019 Projects (9-10)

## **Education and Outreach**

This project will utilize an outside vendor to offer training, technical assistance and outreach to small and mid-sized provider groups and eligible professionals in PA to continue the group's participation in the incentive program. More than 25 providers have returned to PIP.

## **Allegheny County Population Health**

Allegheny County Health Department (ACHD), in collaboration with Western PA's two largest health systems, will implement a software tool and network infrastructure to conduct population health analysis of EHR data aggregated from the participating systems. Specifically, the ACHD will use software to perform an analysis of the geographical distribution of diabetes and hypertension, looking at disease progression, treatment, and control. IGA is fully executed; work is progressing.

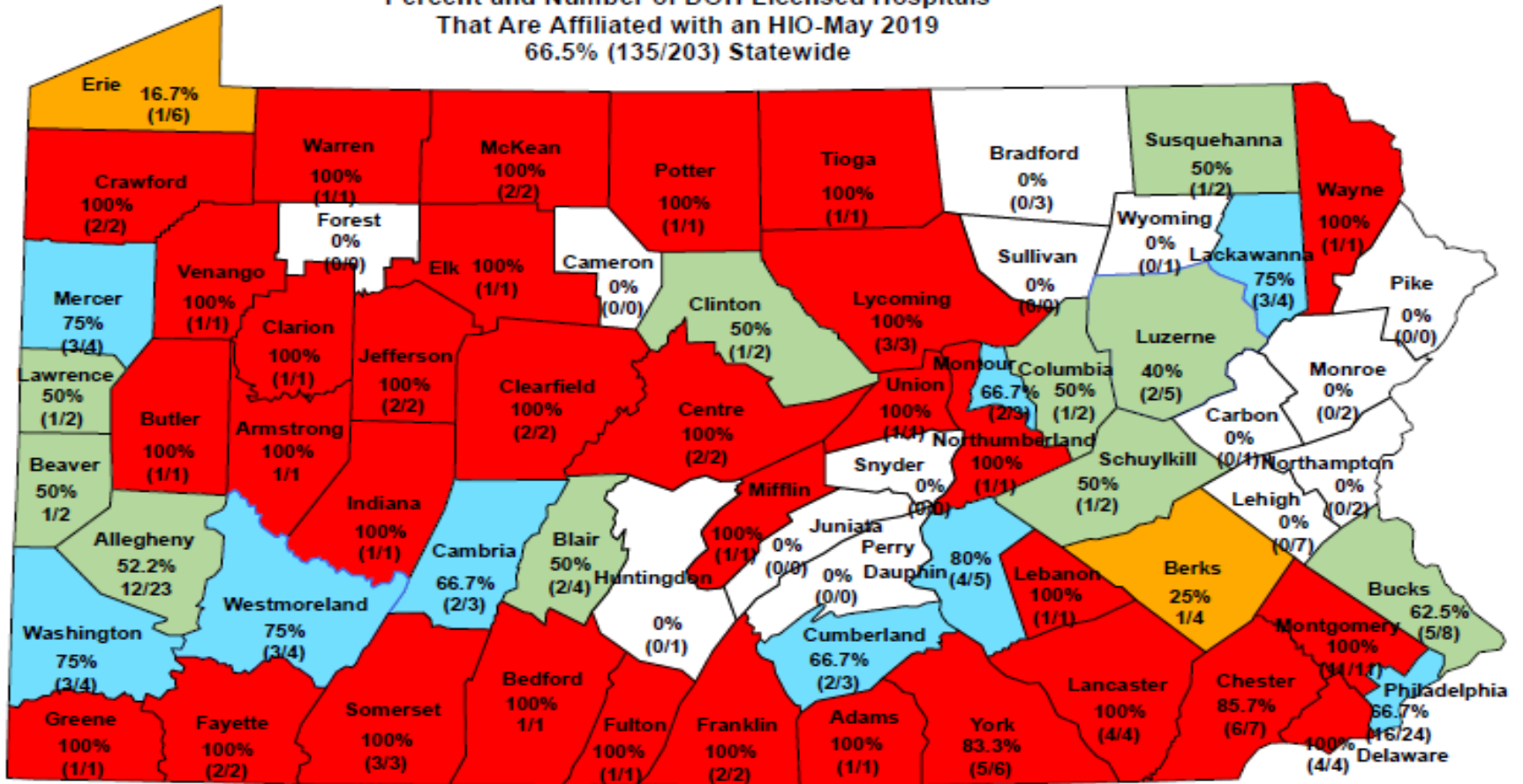
**Total FFY 2019 IAPD Funding = \$11.7 million**

(DHS provides the 10% state matching funds.)

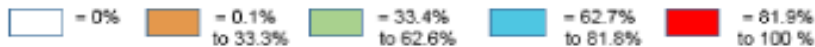


# 2019 Hospital Participation

Percent and Number of DOH Licensed Hospitals  
That Are Affiliated with an HIO-May 2019  
66.5% (135/203) Statewide



Source: DHS eHealth



# PA eHealth Partnership Advisory Board

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## Central PA Connect HIE Early Experience

Michael Sheinberg, MD, CMIO, Penn Medicine

August 9, 2019

**Central PA Connect**  
HEALTH INFORMATION | EXCHANGE

# Timeline

- ◆ **May 14, 2019 – CCD Query/Retrieve with P3N**
- ◆ **May 28, 2019 – ED Encounter Notification Service**

## **In Process**

- ◆ **PHG – Immunization Registry (Late August 2019)**
- ◆ **PHG – PDMP (September 2019) - *Will be first HIO to connect to PDMP via PHG***

# Usage

## ◆ Since Inception (May 14 – July 31)

- Sent 264,614 document queries
- Retrieved 169,850 documents
  - MNX – 48,029
  - KeyHIE – 17,326
  - HSX – 13,085
  - CCHIE – 1,054

## ◆ Sample of July's numbers by HIO:

July 2019	Total # of successful inbound Participant document queries P3N processed	Total # of successful inbound Participant document retrieves P3N processed	Retrieves by source of the document				
			KEYHIE	CCHIE	HSX	MNX	CPC
KeyHIE	1144	588	467	469	586	467	467
CCHIE	1615	28	6		4	8	10
HSX	32	6			6		
<b>CPC</b>	<b>133787</b>	<b>39023</b>	<b>8722</b>	<b>536</b>	<b>5329</b>	<b>24436</b>	
Mt Nittany	650	587	517	44	8		18



# Contributing Factors to Large Usage

## ◆ Auto Query Enabled

- The system automatically sends queries for all patients who are scheduled for services, so that the document list is available for the providers during the visit.
- Avoids the “delay” with the query/retrieve process (~30 secs)

## ◆ Embedding the Data into the Provider’s Workflow

- Information available in EHR system – no external portal
- Document list stored in system, along side all other clinical information

# Example of Embedded Workflow

## Care Everywhere Outside Records

Request Updates Query New Organization

Home Summary Documents Lab Results Other Results



	New Info Received	Last Request	Available Information
P3N PA eHealth Partnership Authority MT NITTANY		7/25/2019	Documents
PA - Lancaster Health Center		7/25/2019	Documents
WellSpan Health	7/25/2019	7/25/2019	Summary Documents Lab Results

# Example of Embedded Workflow

## Care Everywhere Outside Records

☰ Request Updates + Query New Organization | ▼ Filters ⚙ Clear All Filters | 📄 Review Document

Home Summary Documents Lab Results Other Results

Filters:  Encounter Summary  Telephone  Summarization of Episode Note  Clinical Summary  Ambulatory Summary

	Date ▼	Type	Dept. Specialty	Providers	Document Source
✓	7/25/2019	Summarization of Episode Note	General Medicine	HIE-Engine	MT NITTANY (P3N PA eHealth Partnership Authority)
✓	7/25/2019	Clinical Summary			WellSpan Health
✓	7/25/2019	Ambulatory Summary	General Medicine	athenahealth	PA - Lancaster Health Center
	7/16/2019	Encounter Summary	Family Medicine	Gold, Christine	PA - Lancaster Health Center
	7/3/2019	Encounter Summary	Family Medicine	Gold, Christine	PA - Lancaster Health Center
	6/20/2019	Encounter Summary	Family Medicine	Weisser, Caroline	PA - Lancaster Health Center
	5/16/2019	Encounter Summary	Family Medicine	Weisser, Caroline	PA - Lancaster Health Center
✓	8/3/2018	Telephone	Obstetrics	Bortner, Christi L	WellSpan Health
	7/25/2018	Office Visit	Obstetrics	Munch, Michele R	WellSpan Health
	7/25/2018	Telephone	Obstetrics	Walker, Natalie M	WellSpan Health

# Example of Embedded Workflow

## 8/1/2019 Summarization of Episode Note - P3N PA eHealth Partnership Authority

[Jump to Section](#)

### Patient Demographics - 19 y.o. Female; born Apr. 25, 2000

Patient Address	Communication	Language	Race / Ethnicity
		English English - Written (Preferred)	White / Unknown

### Medications

Description	Medication	Start Date	Status	Indications	Patient Instructions	Fill Instructions	Procedure Intervention Code	Reaction	Data Source(s)
1 tablet PO Daily X 1 week then increase to 1 tab PO BID	lamoTRigine (LaMICtal) 25 mg tablet	06/07/2018	completed						
1 tablet PO Daily X 1 week then increase to 1 tab PO BID									

### Problems

Concern Status	Problem Code	Problem Name	Problem Description	Problem Type	Effective Dates	Problem Status Description	Health Status Description	Data Source(s)
active	F31.32	Moderate depressed bipolar I disorder	Moderate depressed bipolar I disorder	64572001	06/14/2018 12:00:00 AM EDT			

### Procedures

Procedure	Procedure Date	Procedure Instructions	Medication Description	Medication Start Date	Medication Status	Indications	Patient Instructions	Fill Instructions	Description	Data Source(s)
US OB 14 + WEEKS SINGLE OR FIRST GESTATION FETAL ANATOMY SURVEY	05/23/2019 09:47:32 PM EDT								US OB 14 + WEEKS SINGLE OR FIRST GESTATION FETAL ANATOMY SURVEY	Routine 05/23/2019 5:47 PM EDT Encounter for supervision of other normal pregnancy in second trimester

**Results for this procedure are in the results section.**

## **Honorable Teresa Miller** Secretary

Pennsylvania Department of Human Services

# HIE Trust Community Committee

**Phyllis Szymanski**

Director

ClinicalConnect HIE

# HIE Trust Community Committee

## Chairperson:

Kimberly A. Chaundy, Sr. Director HIE & Interoperability, KeyHIE  
Elected May 2019

## HIE Trust Community Committee Meeting Summaries:

- HIETCC Meeting Agenda, July 10, 2019
- HIETCC Meeting Minutes, June 5, 2019
- HIETCC Meeting Minutes, May 8, 2019
- HIETCC Meeting Minutes, April 3, 2019

# HIE Trust Community Committee

## Topics covered/discussions w/continued focus on:

- PDMP – Conversion to RxCheck and HIE role
- Onboarding of new P3N participants and expanded data exchange
  - Central Pennsylvania Connect HIE (May 2019)
  - Pennsylvania Department of Corrections (September 2019)
  - Pennsylvania Department of Military and Veterans Affairs (?)
- IAPD Grant progress and new 2020 topics
  - Sharing of Care Plans
  - Health Plan Onboarding
- Payer Member access to P3N
- National Exchange Connectivity
- Super Protected Data (SPD) Filtering and Code Set sub group meetings



# FFY 2020 IAPD Projects

**Dana Kaplan**

**OMAP HIT Coordinator**

Department of Human Services

Office of Medical Assistance Programs

# FFY 2020 Projects (1-3)

## **HIE Onboarding Grants**

These grants will be made available to Health Information Organizations (HIOs) to support them in their efforts to connect a variety of healthcare providers to HIO's networks and, in turn, to the P3N.

## **Health Plan Onboarding Grants**

These grants will be made available to Health Information Organizations (HIOs) to support them in their efforts to connect MA health plans with meaningful interoperability to HIO's networks and, in turn, to the P3N.

## **PHG Onboarding Grants**

These grants are made available to HIOs to support their efforts to connect their Member Organizations to the Public Health Gateway (PHG). The PHG permits a single point of connection from a provider, via an HIO, to a variety of public health reporting systems.

# FFY 2020 Projects (4-5)

## **Radiology Image Sharing**

This project will utilize an HIO to electronically share existing radiology and mammography images across a network of care team members to reduce unnecessary radiology exposure to patients and is more cost-effective and value-based. KeyHIE will be the HIO to implement this initiative. This is the second year of a two-year project.

## **Care Plan Document Registry**

The primary goal of this project is to customize and extend the already-established P3N to provide a state-wide centralized care plan registry available to all healthcare providers and payer in PA for Medicaid patients initially. The project will establish an care plan document registry in cooperation with our HIO partners. This registry will help PH and BH MA MCOs meet DHS contractual requirements to share care plans to improve care coordination. This registry will be similar to Advance Care Documents Registry completed in FFY2019.

# FFY 2020 Projects (6-8)

## **PHG Utilization**

This project supports the advancement of the PHG and is primarily DOH staff expenses. This is a continuation of the FFY2019 project.

## **Case Reporting**

This project will expand electronic case reporting (eCR) capabilities by building a service to allow enhanced HIE integration that is not dependent on the Digital Bridge. This service will enable the reporting of additional types of cases and also meet the MU requirements. This is a continuation of the FFY2019 project.

## **Immunization Registry Interoperability**

The goal of this project is to provide a secure means for DOH to automatically evaluate test submissions to the PA-SIIS for proper content and structure. This funding will support additional registry staff. This initiative supports the MU Stage 3 Public Health Objective.

(Note: Projects 6-8 support Dept. of Health public health registries.)

# FFY 2020 Projects (9-10)

## Education and Outreach

This project will utilize an outside vendor to offer training, technical assistance and outreach to small and mid-sized provider groups and eligible professionals in PA to continue the group's participation in the incentive program. This is a continuation of the FFY 2019 project.

## Allegheny County Population Health

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**Total Proposed FFY 2020 IAPD Funding = \$???.? million**

(DHS provides the 10% state matching funds.)

**Kay Shaffer**

**Business Relationship Manager**

Health and Human Services Delivery Center

# PA eHealth Vision and Mission

## VISION

Electronic health information exchange (eHIE) enables initiatives striving to improve patient experience, population health and healthcare cost.

## MISSION

To establish a statewide interoperable system for participating organizations to electronically move health information in a manner that ensures the secure and authorized exchange of health information to provide and improve care to patients.

# PA eHealth Objectives

- Engage all providers in robust health information exchange.
- Increase the speed and accuracy of diagnosis for individuals and populations.
- Alert providers/care teams to an admission of patient.
- Reduce readmissions and redundant tests by sharing patient information and care plans with other providers and payers who care for the same patients.
- Increase patient satisfaction by reducing their time spent in the healthcare system and eliminating frustrating duplication.



# PA eHealth Strategic Plan (1/2018 - 6/2021)

1. Improve upon our existing services by leveraging other state services and resources
2. Expand the coverage area of providers exchanging data
3. Increase bi-directional access to public health reporting registries
4. Provide improved analytics to better support performance measurement and quality reporting
5. Enhance the types of patient data exchanged
6. Update the certification program to better serve all current and new participants
7. Offer expanded system access to patients and providers
8. Expand exchange capabilities to include external state and federal partners

# 1. Leverage state services and resources

## Background:

PA eHealth can work with other Pennsylvania services and resources to improve the effectiveness and efficiency of care coordination by authorized users, in accordance with all privacy and security laws. PA eHealth can enhance the MPI by connecting to other state agencies and programs already providing patient and provider services. The P3N currently imports provider data from the DOH and the Pennsylvania Department of State (DOS) and demographic data of Medicaid recipients. This represents a small portion of services and resources available.

# 1. Leverage state services and resources

## Action Plan:

- PA eHealth will prioritize with DHS leadership and meet with agencies and programs to explore their willingness and ability to connect to the P3N. Multiple agreements may be required.
- The PHG currently provides direct HIO connection, but does not use the P3N. Consideration of using the P3N will be discussed with stakeholders.
- Explore the possibility of increasing registry access via the PHG, and providing bidirectional access to applicable PHG registries via the P3N.

# 1. Leverage state services and resources

## **Accomplishments:**

- Onboarding PA Department of Corrections to P3N using HITECH funding by September 2019.
- DHS contracts with PH MCO required them to join an HIO in 2018.
- MA PCMH required to join an HIO in 2019 to be eligible for VBP incentive payments.
- Now have production connections to 3 DOH registries and 1 DHS registry through the PHG.
- Participated in visioning session with DHS Executive Staff, Deputy Secretaries, and clinical leadership on how HIE can make their program areas more effective (July 2019).

## **Current Activity:**

- Onboarding 3 HIOs to PDMP through PHG.
- Working with IBM to develop a robust provider directory leveraging data from DHS, Aging, DDAP, the Department of State and CMS.
- Waiting to onboard the PA Department of Military and Veteran Affairs EHR to the P3N.

## 2. Expand coverage area of exchange

### **Background:**

Over the last several years PA eHealth has partnered with the Office of Medicaid Assistance Program (OMAP) and developed/administered several grant programs to increase the amount of providers exchanging data. These grant programs have been successful, and during the 2017 IAPD over \$5 million dollars were provided to help connect inpatient hospitals/facilities, outpatient practices/providers, and member organizations to the P3N. Funds were made available from an approved IAPD awarded to DHS. The 90% federal amount was paid by the Centers for Medicare and Medicaid Services (CMS), and the Commonwealth paid the required 10% state match. As a result of these grants five HIOs have connected to the P3N and 40% of DOH licensed hospitals are connected to a P3N-certified HIO. PA eHealth will also refine consumer and provider outreach and education.

## 2. Expand coverage area of exchange

### Action Plan:

- Consider the potential of offering an incentive/discount to HIOs who meet certain milestones such as increasing the type and amount of data exchanged.
- Work with the DHS communications team to enhance provider and consumer outreach and education materials. Consumer outreach is a statutory requirement.
- Increase provider membership in the P3N via grant opportunities and recruitment efforts.

## 2. Expand coverage area of exchange

### **Accomplishments:**

- Awarded \$8 million in HIO Onboarding Grants in FFY2018 and \$3.5 million in FFY2019.
- HIO participation by licensed PA hospitals increased from 40% to 66.5%.
- There are 135 new hospitals, physician practices, and other providers from June 30, 2018 to June 30, 2019.
- Across our five certified HIOs we have 1,256 hospitals, physician practices, and other providers participating in the P3N.
- Maintain a public-facing website within DHS that provides current information to patients, providers, and HIOs regarding health information exchange in the Commonwealth.

### **Current Activity:**

- Internal Advance Planning Document (IAPD) for FFY2020 includes up to \$7.5 million in HIO provider onboarding grants.
- IAPD also includes up to \$500,000 in MA health plan onboarding/ interoperability grants.

## 3. Increase bi-directional access to PHG

### Background:

PA eHealth, in coordination with DOH public health registry offices and the DHS Bureau of Information Services (BIS), implemented the PHG to provide a single point of connection for healthcare providers to submit information through HIOs to a variety of government-operated programs and public health reporting registries. Currently ELR can be accomplished through the PHG. PA eHealth also provided grant money to HIOs in support of connecting their Member Organizations (MOs) to the PHG.



## 3. Increase bi-directional access to PHG

### Action Plan:

- Transition more point-to-point public health interfaces into the PHG.
- Develop outreach materials promoting the value of the PHG.
- Perform a feasibility study for additional Commonwealth agency connections.
- Continue integration with the PDMP.

## 3. Increase bi-directional access to PHG

### Accomplishments:

- We have several production bi-directional connections to the PA State Immunization Information System (PA-SIIS) through the PHG.
- Processing more than 36,600 PA-SIIS messages per week through the PHG.
- Provided HITECH funding to PA-SIIS to increase onboarding capacity.
- Provide detailed information to HIOs regarding all six registries available through the PHG.
- Standardized the onboarding process with HIOs and have initiated discussions with EHR vendors to improve onboarding.

### Current Activity:

- Onboarding 3 HIOs to PDMP through PHG which will allow their member organizations/providers to query the PDMP and receive back a patient's filled prescription drug history.
- Requesting additional HITECH funding to expand PA-SIIS onboarding capacity.

## 4. Improve data quality through analytics

### Background:

PA eHealth may better serve the needs of Pennsylvanians via enhanced capabilities for core reporting on utilization of the P3N. Reports cover unique patients in the Master Patient Index (MPI) and de-identified demographics at a macro level, linking rates between organizations, and exchange. Also, the community increasingly finds quality measure analytics a key tool in the national move to increase care coordination and value-based payment, although there are questions in the community as to at which level quality measures should be provided.

## 4. Improve data quality through analytics

### Action Plan:

- Finish assessing MPI reporting and determine how best any changes can be applied with vendors and partner programs.
- Consult stakeholders as to whether to offer quality measure tools to HIOs, and based on the response, consider groundwork to eventually provide quality measures via the P3N.
- Evaluate expanding the current environment to further support analytics.
- Enhance data quality initiatives.

## 4. Improve data quality through analytics

### Accomplishments:

- We have focused a considerable amount of activity and analytics on improving MPI match rates by achieving increased compliance with patient demographic information reporting.
- PA eHealth provides demographic data fill-rate reports to HIOs on a monthly basis, that include fill rates by field for all HIOs.
- PA eHealth now provides weekly PIX validation reports which identify their individual patient registrations with missing or invalid demographic information.
- Patient linking rate (matching) across HIOs increased from 15.44% in December 2017 to 21.56% in June 2019.
- DHS collects meaningful use electronic clinical quality measures (eCQMs) through the PHG.

### Current Activity:

- Three P3N HIOs are pursuing strategies to leverage their clinical data repositories for payer members' clinical quality measure analytics to replace or supplement paper chart reviews.

## 5. Enhance the types of data exchanged

### **Background:**

Currently there are variations in structure and content of clinical information available via the P3N. These variations result from the technologies used by each HIO, the clinical information available within HIOs, and HIO MO capabilities. HIOs may share discreet data, such as individual test results, within the HIO. To share that data across the P3N, it needs to be available in standardized structures and format. Currently the acceptable structures are in the national Health Level 7 (HL7) specifications as Continuity of Care Documents (CCDs) and Consolidated Clinical Document Architecture (CCDA) templates. CCDs and CCDA documents are required as part of EHR Certification technology programs for Meaningful Use.

## 5. Enhance the types of data exchanged

### Action Plan:

- Perform a community-wide review to identify and document why all information is not shared today and the causes for blocking.
- Work with HIOs to increase provider sharing by attending their membership user group meetings in support of expanding what is shared.
- Require participants to provide a plan to move to accommodate all CCDA document templates.
- Require HIOs to provide P3N all clinical information they host that is not Super Protected Data.

## 5. Enhance the types of data exchanged

### **Accomplishments:**

- All five HIOs have acute care hospital emergency departments (91 active and 8 onboarding) contributing Admission Discharge Transfer records (ADTs) to the P3N statewide encounter notification service.
- Added PDMP and Syndromic Surveillance registries to the PHG in 2019.

### **Current Activity:**

- Recruiting providers to submit inpatient and ambulatory ADTs to the P3N statewide notification service.
- Working with IBM to host a statewide Advance Directives Registry by September 30, 2019.
- Working with IBM to host a statewide Care Plan Registry in 1Q2020.
- Working with HIOs to expand the types of data/documents returned to providers in response to a P3N query.
- Providing funding to support MA mammography image sharing project in one P3N HIO; other HIOs will be able to learn from this pioneering effort.



## 6. Update the certification program

### **Background:**

PA eHealth began the P3N certification program as a way to manage contracts with HIOs and to provide a common framework for policies and technical requirements. Working in coordination with the HIO community and the former Board of Directors, a working definition of HIO was put in place to frame the requirements for connection to the P3N. The certification package includes an evergreen contract that automatically renews annually upon successful re-certification of an HIO. Re-certification requires the HIO to provide an executive summary of their most recent risk assessment (within the past 12 months) along with providing any updates to their original certification documents.

## 6. Update the certification program

### Action Plan:

- Review the HIO certification package to determine any changes necessary to support onboarding additional organizations to the P3N.
- Revise the certification package to align with the PA eHealth transition into a DHS program office.
- Review and revise (as necessary) the breach reporting requirements and policy.
- Review and revise the technical requirements to support additional connection types/services.
- Explore ways of enhancing the data governance structure.

## 6. Update the certification program

### **Accomplishments:**

- The P3N HIE Trust Community Committee participated in detailed review and updating the complete P3N HIO Certification Package in 2018.
- New security policy was added to the certification package.
- DHS and all five HIOs have fully executed Version 4.0 of the P3N Participation Agreement, which binds all parties to a common set of standards and data uses to enable statewide health information exchange.

### **Current Activity:**

- In 2019, the P3N HIE Trust Community Committee has undertaken its annual review of the P3N HIO Certification Package.
- Revisions will include better alignment of insurance requirements with current industry practices, adding new P3N services, and a new downtime notification policy.

## 7. Offer expanded system access

### **Background:**

The P3N currently supports electronic exchange of patient data between HIOs, who each manage the flow of information down to MOs and providers. The current platform includes both a patient portal and a provider portal. The patient portal is designed only to allow patients direct access to managing their consent choices, but is not currently being used due to the need for reliable two-factor authentication. The provider portal offers HIOs and MOs the opportunity to manage patient consent at the P3N level and to look up providers in the provider directory.

## 7. Offer expanded system access

### Action Plan:

- Develop the necessary two-factor authentication service to support use of the patient portal.
- Develop a “white pages” directory of provider Direct email addresses.
- Determine what additional information could be included in the provider directory to increase value, such as the provider’s preferred data format, facility affiliation, etc.
- Coordinate with HIOs and state agencies to develop a single source of truth provider directory.

## 7. Offer expanded system access

### **Accomplishments:**

- P3N worked with IBM to enable MA FFS Nurse Case Manager access to the P3N provider portal to support more effective and timely care plan development and care coordination.
- MA FFS use of the P3N provider portal is delayed due to special ARRA protected self-pay encounter data handling required for allowing payer access to the P3N.

### **Current Activity:**

- P3N HIE Trust Community Committee has focused considerable attention toward resolving special ARRA protected self-pay encounter data handling obstacles.
- A “white pages,” public-facing version of the new P3N robust provider directory will be available when the directory is complete.
- Providing patient access to their data through the P3N will be considered in P3N re-procurement.

## 8. Facilitate inter-state and federal exchange

### Background:

PA eHealth aligns its goals with national standards and participates in the effort to connect all state HIEs and be interoperable with relevant federal agencies serving citizens' healthcare needs. The national government initiated HIE efforts in the 50 states and six territories with the State HIE Cooperative Agreement Program, authorized by Section 3013 of the Public Health Services Act and amended by the Health Information Technology for Economic and Clinical Health Act (2009). The Office of the National Coordinator (ONC) further encourages the establishment of HIE within and between states with its original Funding Opportunity Announcement (FOA). ONC's Roadmap goal is nationwide interoperability supporting a learning healthcare system by 2024.

## 8. Facilitate inter-state and federal exchange

### Action Plan:

- Begin efforts to join Sequoia. Kickoff discussions in 2017; complete administrative work by 2018; onboard the P3N in 2019.
- Seek connection with the Social Security Administration and Veterans' Health Administration by 2020.
- Connect to adjacent and "snow bird states, specifically NJ, NY, DE, MD, WV, OH, FL, AZ, SC, beginning with whichever is first ready to connect.
- The first step in interstate connection is legal approval of the current draft interstate connection agreement, with a target date of late 2017.
- Then, continue contacts and meetings with these states in late 2017 and early 2018 and potentially connect in late 2018 and in 2019.



## 8. Facilitate inter-state and federal exchange

### **Accomplishments:**

- Four P3N HIO have onboarded to the National eHealth Exchange directly.
- PA eHealth worked with IBM to technically enable National eHealth Exchange connectivity for the remaining HIO.
- PA eHealth has secured several concession from Sequoia on their application and technical requirements in 2018 to conform to DHS Legal requirements.
- PA eHealth worked with DHS Procurement to navigate sole-source procurement process.

### **Current Activity:**

- Updated Sequoia application is awaiting DHS Legal approval.
- Once application is approved and submitted to Sequoia, PA eHealth will enter into a Data Use and Reciprocal Support Agreement (DURSA) flow-through agreement with P3N HIO.

# Public Comment

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

## **For further information:**

[www.PAeHealth.org](http://www.PAeHealth.org)

## **PA eHealth Partnership Advisory Board:**

[http://www.dhs.pa.gov/learnaboutdhs/dhsorganization/ehealthpartnership/advsr\\_ybrdmtngs/index.htm](http://www.dhs.pa.gov/learnaboutdhs/dhsorganization/ehealthpartnership/advsr_ybrdmtngs/index.htm)

## **P3N HIO Certification Package:**

<http://dhs.pa.gov/provider/healthinformationexchange/hioconnection/index.htm>

## **P3N Certified Health Information Organizations (HIO) Information:**

[http://dhs.pa.gov/cs/groups/webcontent/documents/document/c\\_281601.pdf](http://dhs.pa.gov/cs/groups/webcontent/documents/document/c_281601.pdf)