

# Pennsylvania eHealth Partnership Advisory Board Meeting

**November 13, 2020**



**PA PATIENT &  
PROVIDER NETWORK**  
PRIVATE & PROTECTED



**pennsylvania**  
DEPARTMENT OF HUMAN SERVICES

# Agenda

- 10 a.m. Welcome and Introductions
- 10:05 Minutes of August 14, 2020 Meeting
- 10:10 PA eHealth Partnership Program Updates
- 10:25 Learnings from Allegheny County Population Health Analysis of Resident EHR Data
- 10:55 COVID-19 Public Health Emergency
- 11:15 HIE Trust Community Committee Updates
- 11:25 Mount Nittany Exchange Overview
- 11:40 PA eHealth Draft Annual Report
- 11:50 Vice Chair Election
- 11:55 Public Comment
- 12 p.m. Adjournment

## 2021 Meeting Dates

November 13, 2020



# 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, 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)

Ms. MEGHNA PATEL, Deputy Secretary for Health Innovation, PA Department of Health  
(Secretary of Health Designee)

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)

# 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)

# Pennsylvania eHealth Program Updates

**Martin Ciccocioppo, MBA MHA**

**Director**

Pennsylvania eHealth Partnership Program

Office of Medical Assistance Programs

Pennsylvania Department of Human Services

# PA eHealth Staff Changes

- Debra Kochel, joined PA eHealth as a Human Services Program Specialist on September 14, 2020
- Terri Lynn Brown, PA eHealth Administrative Officer, will be transferring to the Office of Administration, Office of Chief Counsel on November 27, 2020



# Recent PA eHealth Accomplishments

- In FFY2020, four HIOs onboarded 42 hospitals and nursing homes and 33 ambulatory providers with HIE Onboarding Grant.
- HIOs also made 10 additional grant-funded Public Health Gateway provider onboardings.
- Established additional PHG connections to RxCheck PDMP gateway.
- CMS approved our FFY2021 HIT IAPD for \$11.2 million in interoperability projects.
- Expanded P3N ADT Statewide Notification Service to include 107 emergency departments in production and 35 inpatient ADT feeds; anticipate more than 110 ED and IP ADT feeds by 1Q2021.
- More than 1.77 million documents were retrieved across the P3N in October 2020.
- Submitted P3N MMIS APD to CMS for review/approval.
- P3N RFP in internal review; expect to release in January 2021 after CMS approval.

# FFY 2020 HIT IAPD Projects

**HIE Onboarding Grants** – Paid \$2.8 million in grant achievement

**Health Plan Onboarding Grants** – Unable to issue RFA in FFY2020

**PHG Onboarding Grants** – Paid \$50,000 in grant achievement

**Radiology Image Sharing** – KeyHIE completed second-year of project

**Care Plan Document Registry** – IBM unable to complete in FFY2020

**PHG Utilization** – PHG working well and hired new PHG Coordinator

**Case Reporting** – Capacity building for eCR work continues

**Immunization Registry Interoperability** – IAPD funding not used

**Education and Outreach** – Quality Insights worked with MA providers

**Allegheny County Population Health** – ACHD completed second-year

**Total Approved FFY 2020 IAPD Funding = \$11.7 million**

(DHS provides the 10% state matching funds.)

# FFY 2021 HIT IAPD Projects

**Total CMS Approved FFY 2021 IAPD Funding = \$11.2 million**  
(DHS provides the 10% state matching funds.)

**Note: FFY 2021 is the last year for HITECH project funding.**

No.	Project	Contracting Mechanism	Status
1	HIE Onboarding Grants	RFA 11-20	10/9/2020 - RFA posted on eMarketplace
2	PHG Grants	RFA 10-20	10/9/2020 - RFA posted on eMarketplace
3	PHG Utilization	MOU	Staffing resources in place
4	Case Reporting	MOU	DOH is meeting with CDC, AIMS, and Digital Bridge to develop architecture and onboarding plan
5	Education and Outreach	RFQ	PO issued to Quality Insights
6	Immunization Registry Interoperability	MOU	Active recruitment for staffing resources
7	HIE Onboarding Grants for Payors	RFA 09-20	10/13/2020 - RFA posted on eMarketplace
8	Patient Matching Improvement	RFA 08-20	RFA in final internal review

# Public Health Gateway Activity



**pennsylvania**  
DEPARTMENT OF HEALTH

## Message Counts By HIO Weekly from 10/26/2020 to 11/01/2020

HIO	ELR Messages	ELR Errors	PDMP Messages	PDMP Errors	SIIS Messages	SIIS Errors	PCR Messages	PCR Errors	Total Messages
CCHIE	548	0	0	0	0	0	0	0	548
CPCHIE	4466	0	77358	1	22427	2619	0	0	106871
HSX	9449	4	0	0	0	0	0	0	9453
KeyHIE	10773	142	7368	1	43618	6864	6	0	68772
MNX	249	0	0	0	0	0	0	0	249
<b>Total Messages</b>	<b>25485</b>	<b>146</b>	<b>84726</b>	<b>2</b>	<b>66045</b>	<b>9483</b>	<b>6</b>	<b>0</b>	<b>185893</b>

11/2/2020 2:00:10 AM

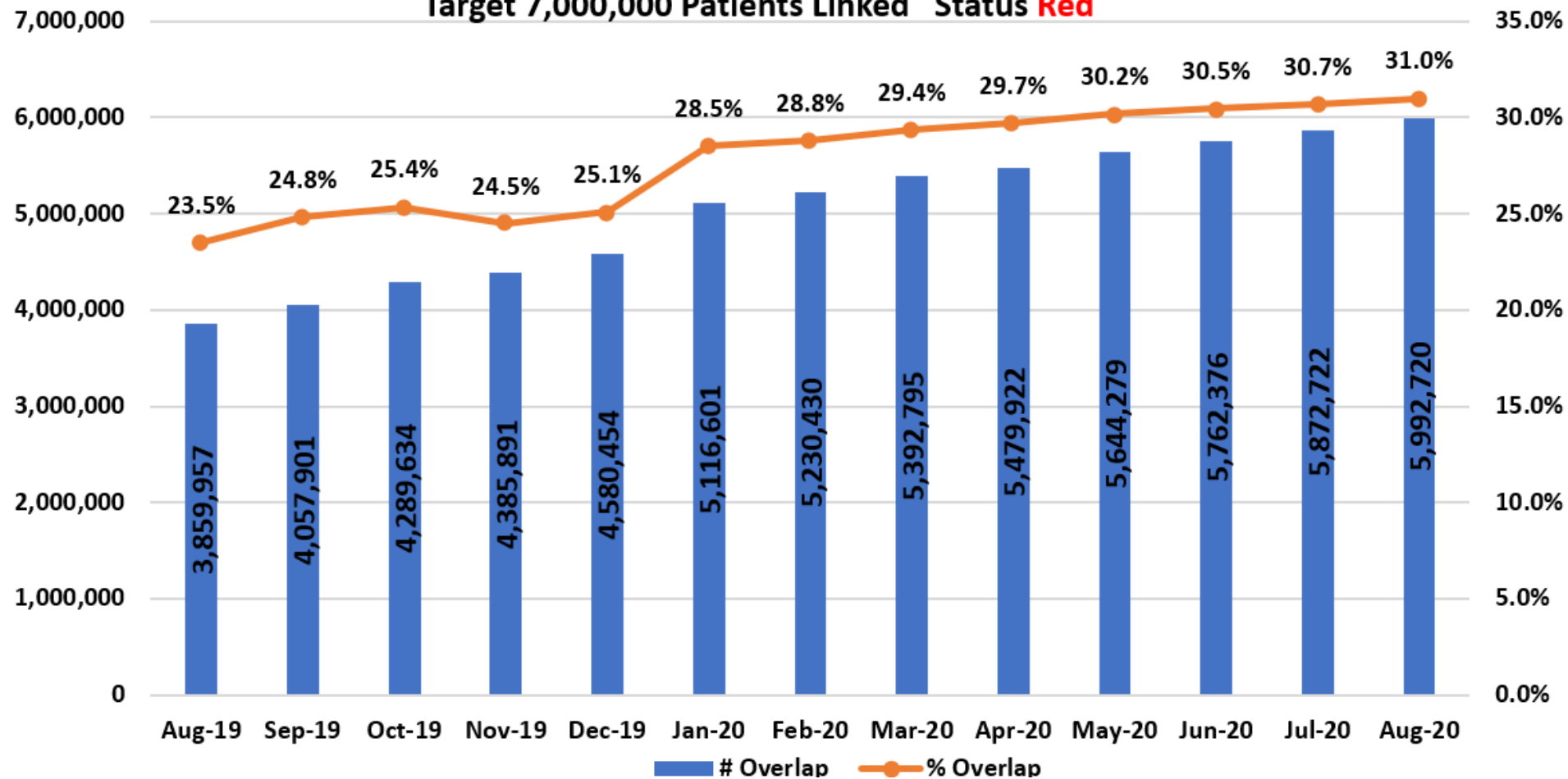


# P3N Linking Rate

Linking Rate (Patients Linked to More Than One Data Source [HIO])

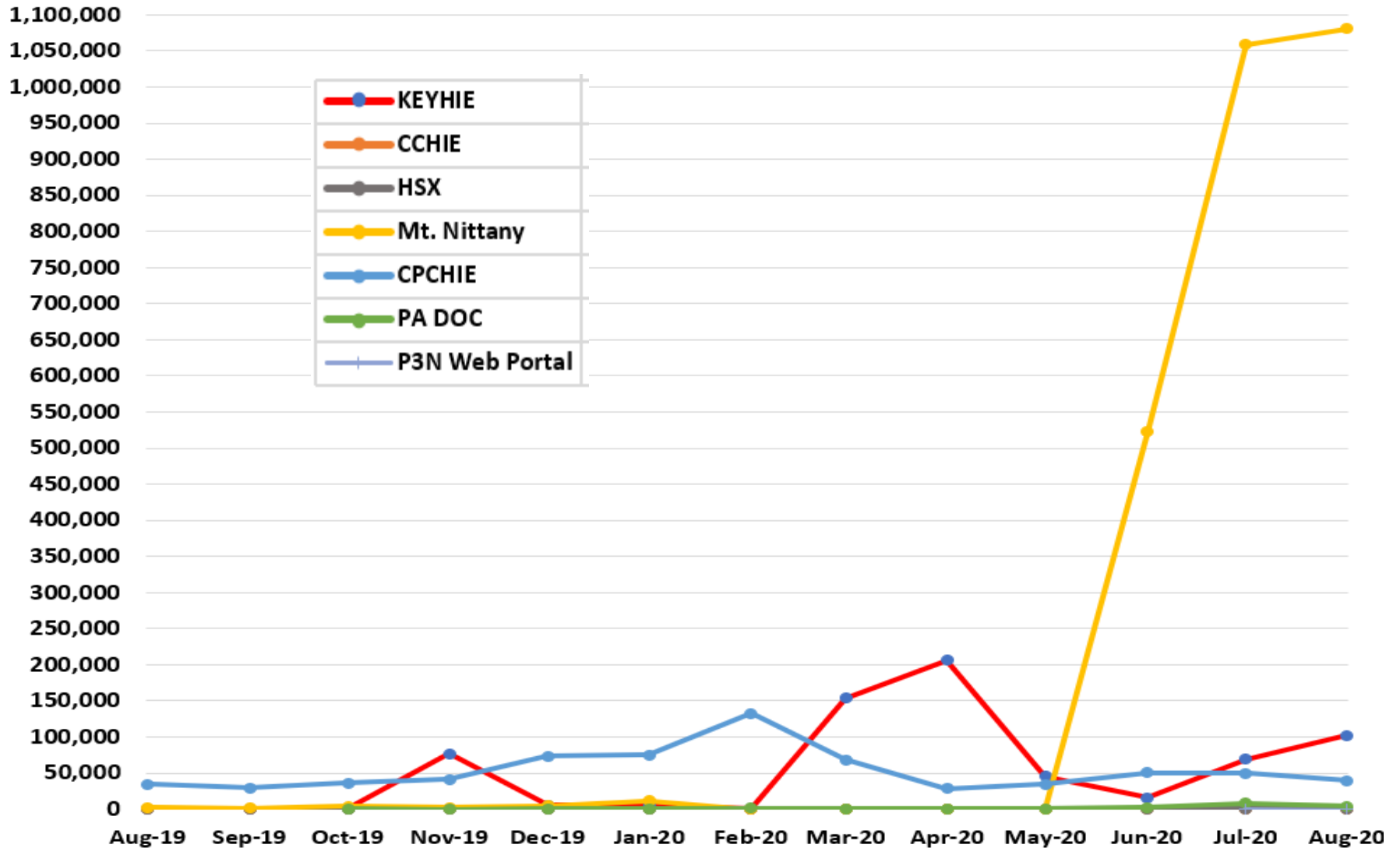
Target 35.0% Linked Status **Red**

Target 7,000,000 Patients Linked Status **Red**



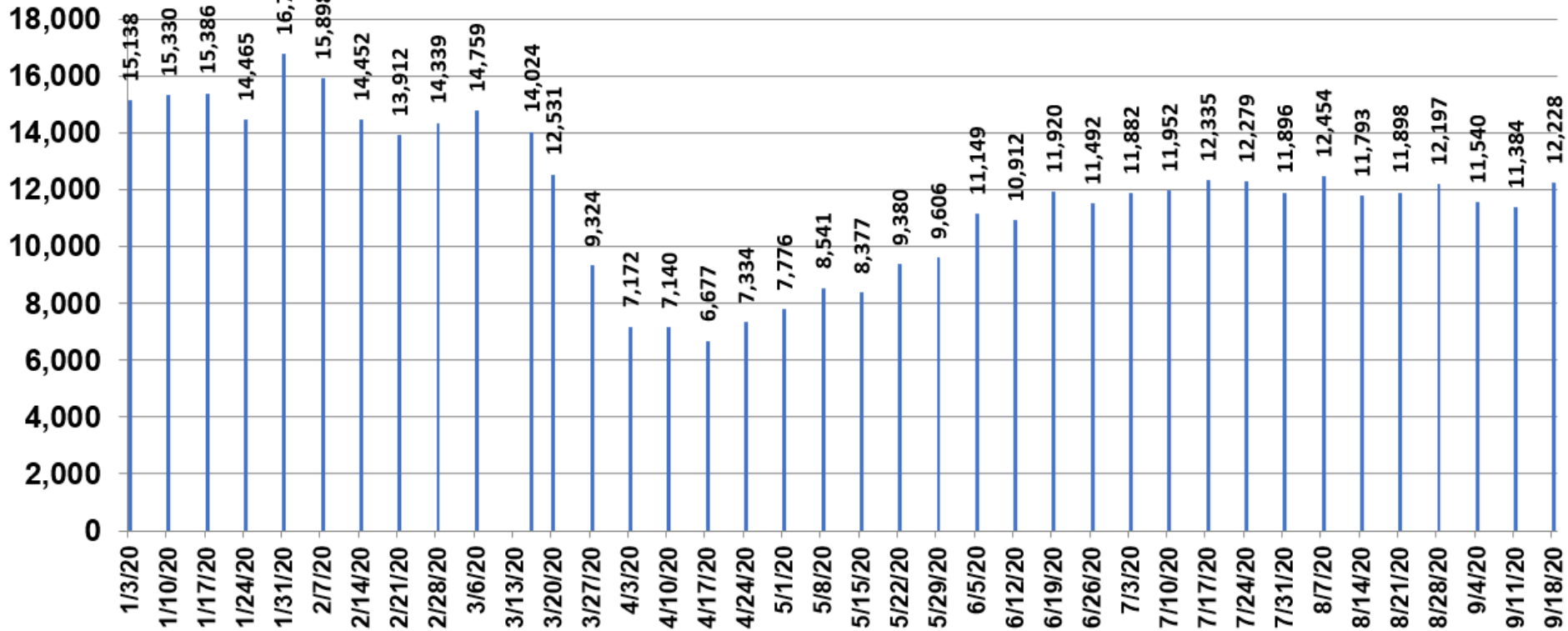
# P3N Document Retrieves

Total # of successful inbound Participant document retrieves P3N processed  
Target: 2,000,000/month - **Red (1,227,695 for August 2020)**



# P3N ADT Service Activity

## Weekly # of Unique Persons' ADTs sent by P3N to HIOs



## Public Education on HIE

# Please Join Us for a Live Studio Taping

Sordoni Theater at WVIA Studios  
100 WVIA Way | Pittston, PA

## Connecting Our Country, Saving Lives: The Health Care Interoperability Agenda

*Episode 2 Airing on WVIA-TV*

Taping of Episode 2 postponed from 11/16/2020 due to COVID resurgence.  
Episode 1 can be streamed at: <https://vimeo.com/444076673/d9edc587df>



# Interagency Health Reform Council

**Purpose:** The IHRC will evaluate the potential alignment of Commonwealth health care payment and delivery systems to provide efficient, whole-person health care that also contains costs, reduces disparities, and achieves better health outcomes for Pennsylvanians.

**Responsibilities:** Evaluate and recommend policies to align and integrate Commonwealth programs and activities related to health and health care.

**Deliverable:** The IHRC shall submit a report to the Governor no later than December 31, 2020, that includes proposals for the development and implementation of health care reform and identifies all policy and legislative changes needed to effectuate the Council's proposals.

PA eHealth is leading the **Leverage Health Information Exchange (HIE) Workstream Support Team**, which includes members from the Department of Human Services, Aging, Drug and Alcohol Programs, and the Office of Long-Term Living.



# Allegheny County Health Department: ESPnet Updates & Chronic Conditions Among Medicaid Recipients

Pennsylvania eHealth Partnership Advisory Board Meeting  
LuAnn Brink, PhD, Chief Epidemiologist and Deputy Director

Lynda Jones, MPH, Epidemiologist

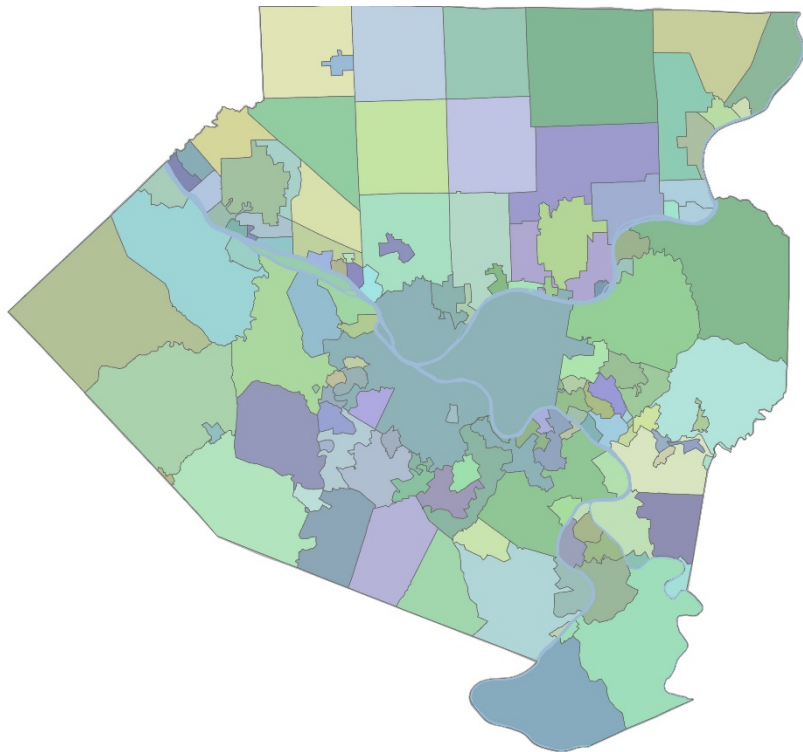
November 13, 2020





# Allegheny County, PA

130 municipalities with > 1.2 million residents

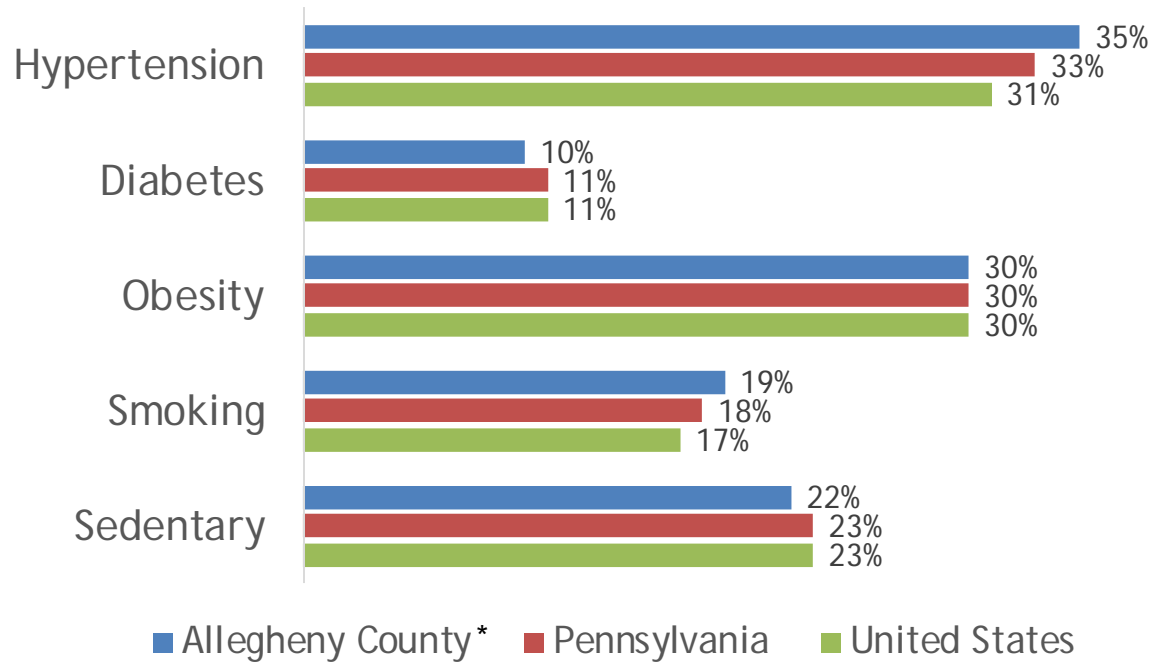


Characteristic	Allegheny County	United States
White	80%	77%
Black	13%	13%
Hispanic	2%	18%
Foreign Born	6%	14%
Age 65+	19%	16%
Percent Poverty	12%	13%
Insured (19-64)	95%	88%

Data Source: American Community Survey, 2018 1-year and 5-year estimates



# Chronic Diseases and Associated Risk Factors, 2016; Survey Data

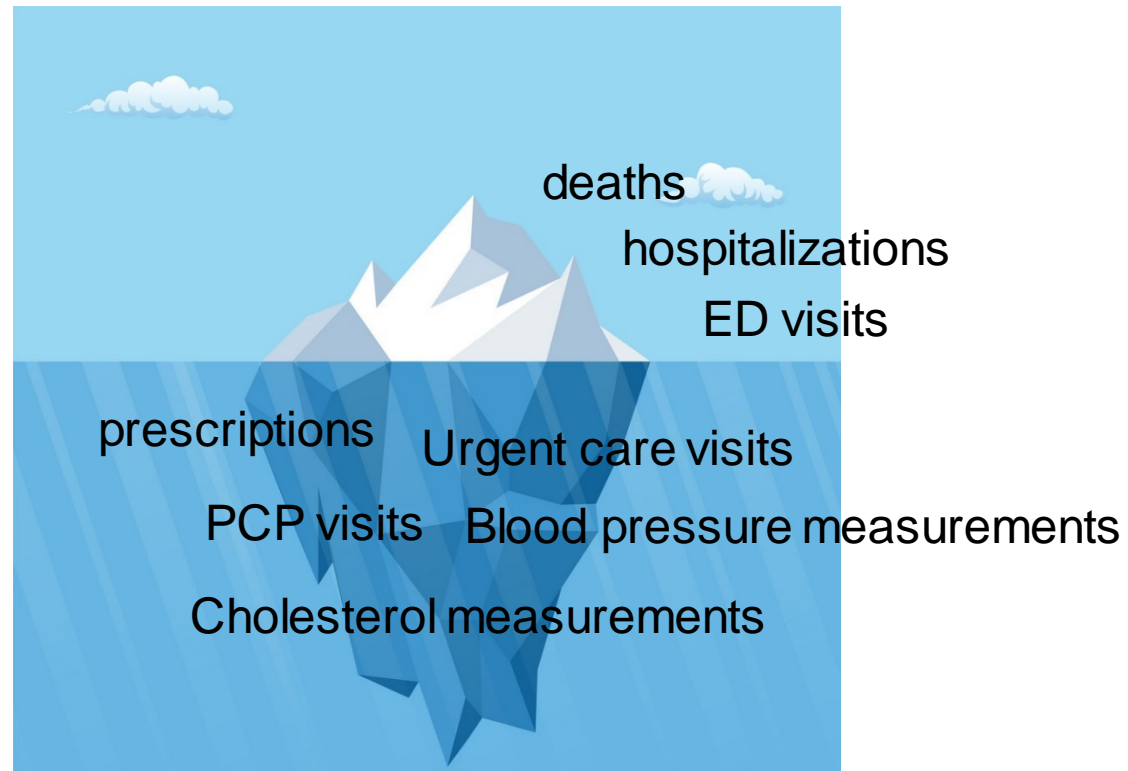


\*2015-2016 data

Source: Allegheny County Health Survey (ACHS), BRFSS retrieved from EDDIE and CDC



# Public Health Chronic Disease Surveillance Data

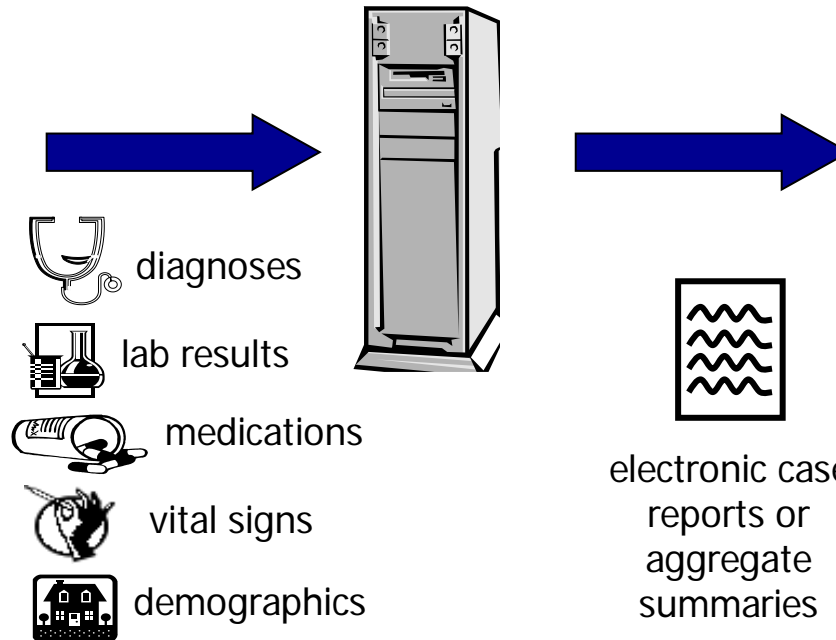




## Automating Chronic Disease Surveillance for Public Health Practice



Electronic health records (EHR) include visits to PCPs, specialists, urgent care, EDs, and Hospitals



Chronic Disease  
Epidemiology



# RiskScape Dashboard

Allegheny County  
Health Department

riskscape.alleghenycounty.us

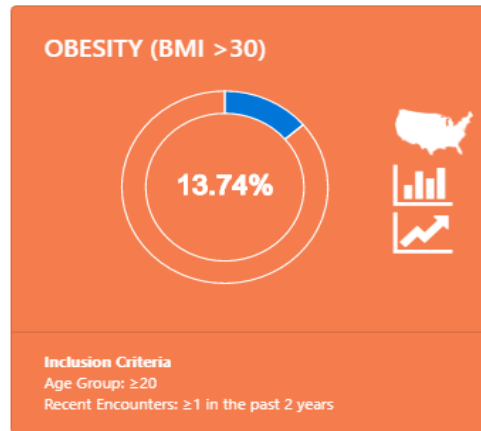
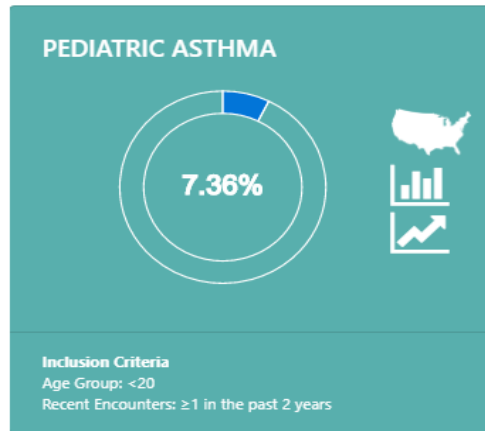
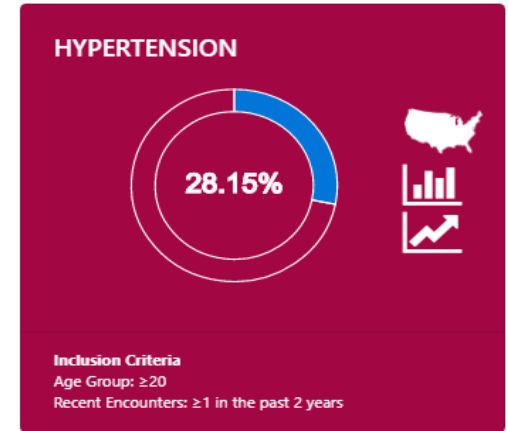
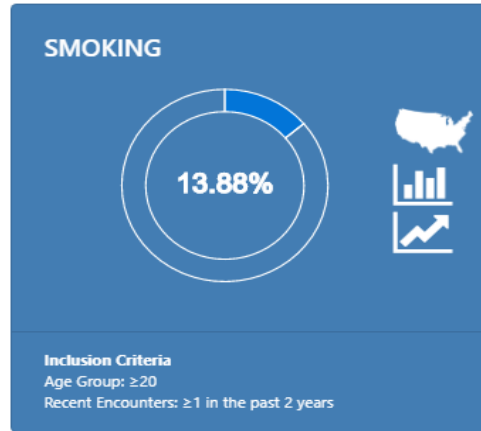
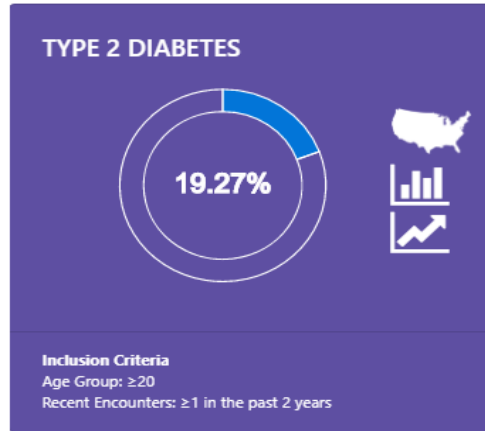
## RiskScape

**ESP** Electronic medical record  
Support for  
Public Health

Data Last Updated Oct. 30, 2020  
Population Under Surveillance: 1,070,702

- Dashboard
- Pick Conditions
- Map
- Demographics & Comorbidities
- Timeseries
- Continuity of Care
- Condition Definitions
- About PA Medicaid

Select Condition Definition or



Prevalence reflects data from Allegheny County, PA areas covered by PA Medicaid data sources. The demographic distribution of the PA Medicaid population can vary from total Allegheny County, PA population. [See more.](#)



# Limitations of Survey Data

- County-level only
- Sample size
  - Variability, subgroup comparisons
- Self-report
- Precise data up to 5 years apart





## Why EHR Data?

- Objective, detailed information related to cardiovascular risk
  - Provides clinical measures rather than self-report
- All individuals from participating health systems
- Census tract and zip code
- Monthly updates
- Data difficult to capture in other sources simultaneously (medications, pre-diabetes and HTN, behaviors, payer)
- Unique data only in EHR (not in claims or survey datasets)
- Captures data for children and adolescents



## EHR Uses for ACHD

- Surveillance
  - Changes over time overall, by subgroup, location
- Inform programming
  - Which communities and populations have highest burden of risk factors (primary prevention)
  - Which communities and populations have highest burden of uncontrolled diabetes and HTN (secondary prevention)
- Determine associations
  - What is the relationship between risk factors/prevalence/control status and community factors in Allegheny County?



# Timeline ACHD/ESPNet

Milestone	Expected Schedule
ESP installation and setup process specified for all Clinical Data partners. BAAs and DUAs completed as required	30 April, 2019
Systems tested and ready for installation	31 May, 2019
ESP installed at AHN and UPMC ETL running, 2 years of data loaded and nightly updates configured	30 June, 2019
All disease detection algorithms installed at AHN and UPMC and configured, Hypertension and Diabetes disease conditions validated	31 July, 2019
Release PMN system for investigational use.	31 Aug, 2019
Release RiskScope system for investigational use.	31 Aug, 2019
Provide support and training until end of contract period	30 Sept, 2019
Begin data validation	20 Jan 2020
Assessing concordance of definitions for HTN and DM2 using medical records	30 Apr 2020
Results indicate 100% concordance for HTN and sensitivity and specificity for DM2 = 92%, 99% respectively	31 May 2020
Introduction to NACDD/MENDS	30 Jun 20

February 2019 held calls with health systems to gain agreement to participate

9/30/19 Interface up and operational



# Results

- Surveillance using RiskScape
- Diabetes and HTN Queries



# RiskScape for Surveillance

- Visualizes HTN and diabetes by geography, race, age, gender, payer
- Many inclusion criteria – demographic, comorbidities, labs, BP, Rx
  - E.g. smoking, pregnancy, BMI, LDL, A1C, triglycerides, insulin, Metformin
- Can modify definition of encounters – who we want to capture
  - $\geq 1$  in the past 1 or 2 years
  - $\geq 2$  in the past 1 or 2 years
- Trends over time
  - Data updated monthly

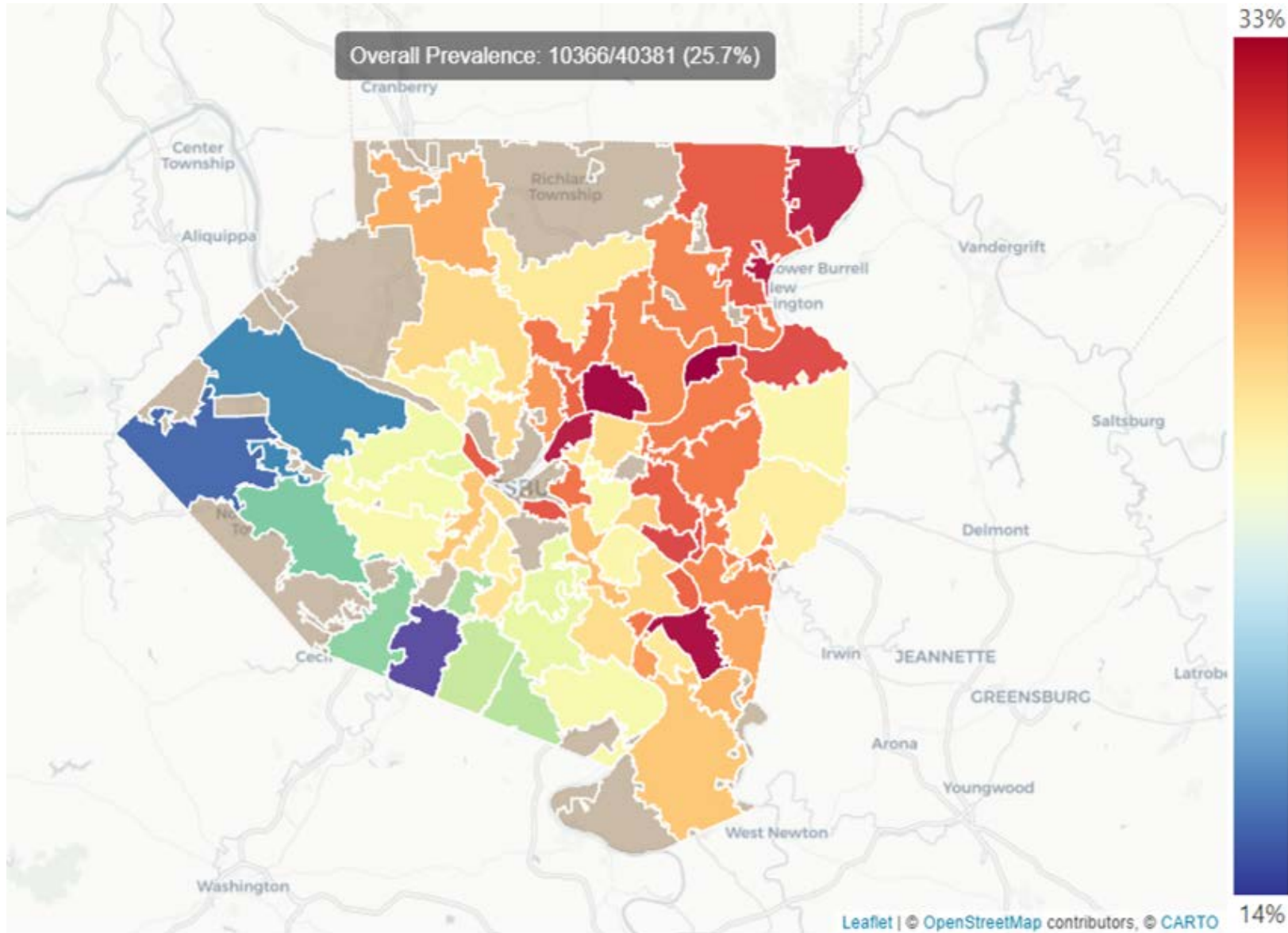


# Definitions

Condition	Criteria
Type 2 Diabetes	At least one of following: <ul style="list-style-type: none"><li>• HbA1c &gt; 6.5%</li><li>• Fasting glucose &gt; 126 mg/dL</li><li>• Prescription for insulin outside pregnancy or other diabetes medication</li><li>• Diagnosis code(s) on two or more encounters</li><li>• Does not meet criteria for T1DM</li></ul>
Hypertension	Either one of following: <ul style="list-style-type: none"><li>• SBP <math>\geq</math> 140 or DBP <math>\geq</math> 90 or both on 2 or more occasions within a one year period</li><li>• Diagnosis code for HTN and prescription for at least 1 antihypertensive medication within 1 year of diagnosis code</li></ul>



# Hypertension - Medicaid Recipients

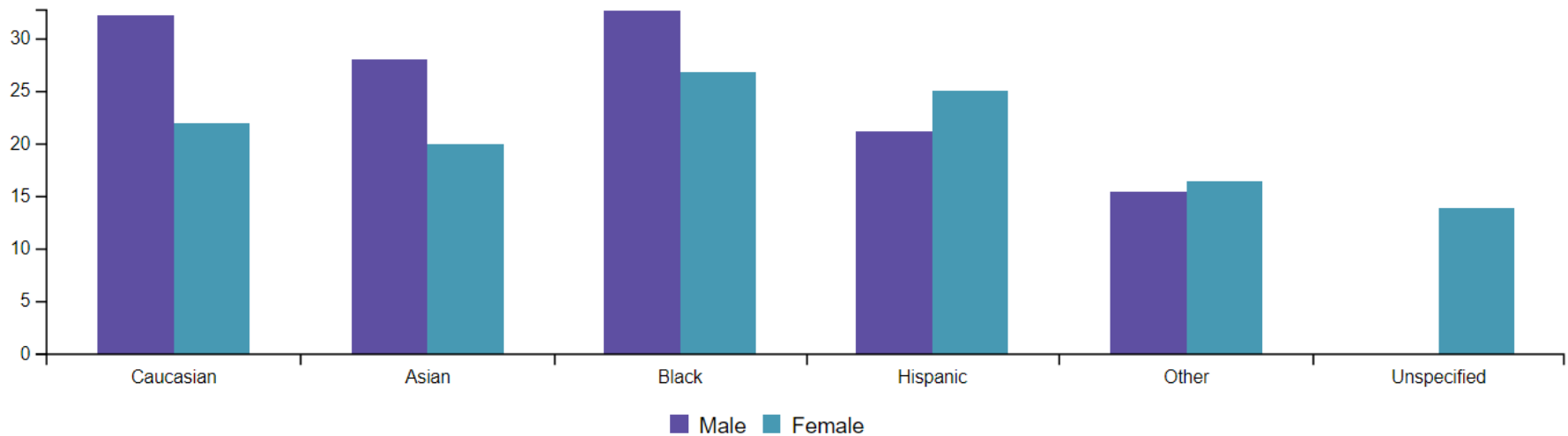




# Hypertension - Medicaid Recipients

## Allegheny

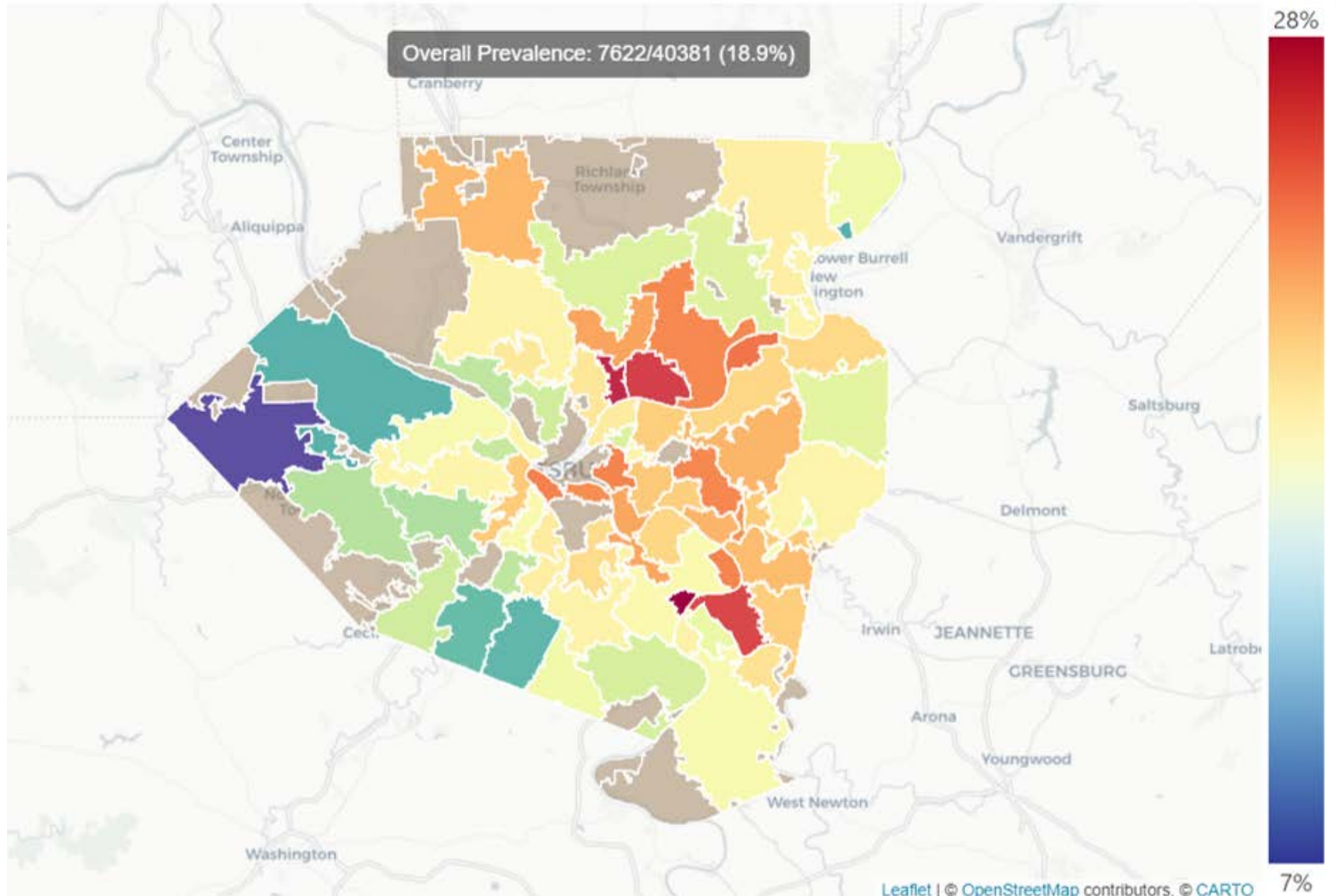
Prevalence of the Selected Outcome by Race and Sex







# Diabetes - Medicaid Recipients

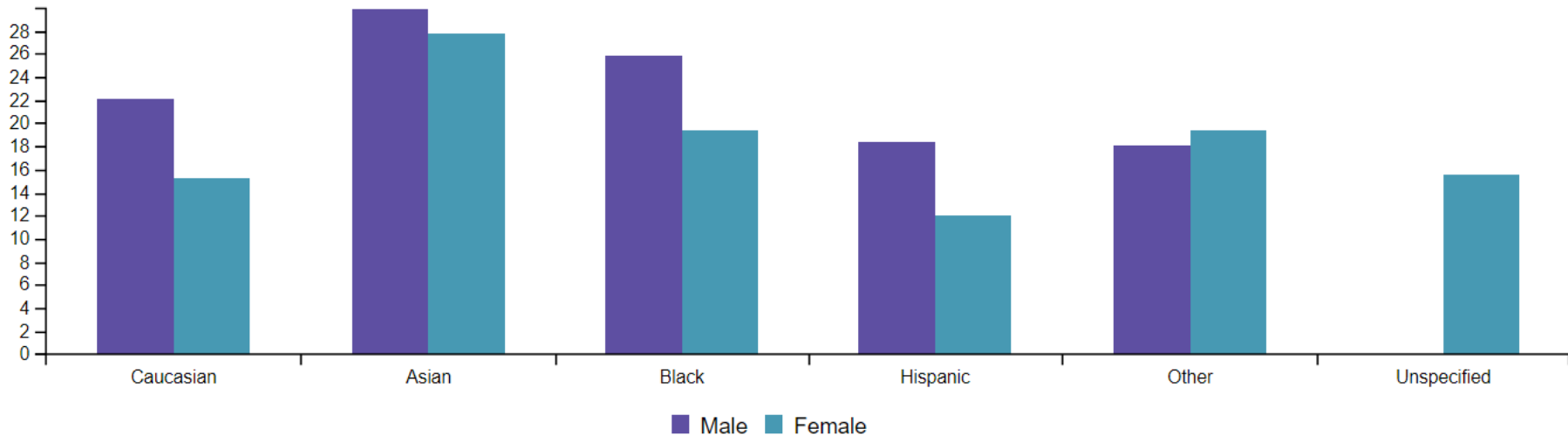




# Diabetes - Medicaid Recipients

## Allegany

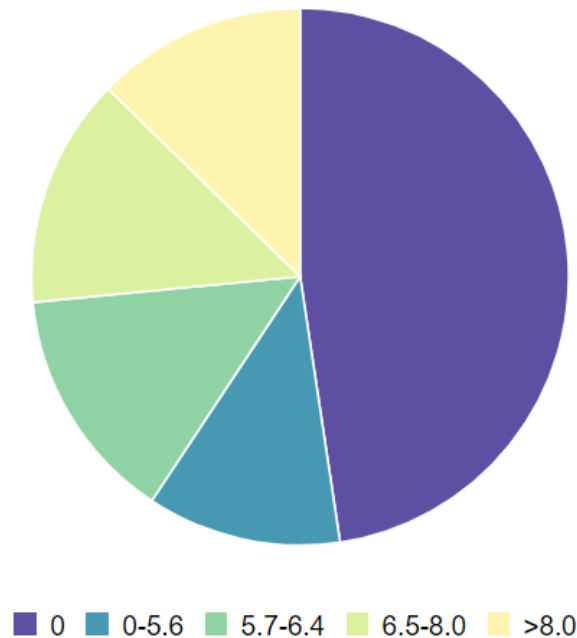
Prevalence of the Selected Outcome by Race and Sex





# A1C Among Diabetes Patients With Medicaid

A1C of Patients with the Selected Outcome



- > 8,000 Medicaid patients in RiskScape
- Approximately 13% of Medicaid recipients with diabetes have an A1C > 8%



# PopMedNet for Query Submission

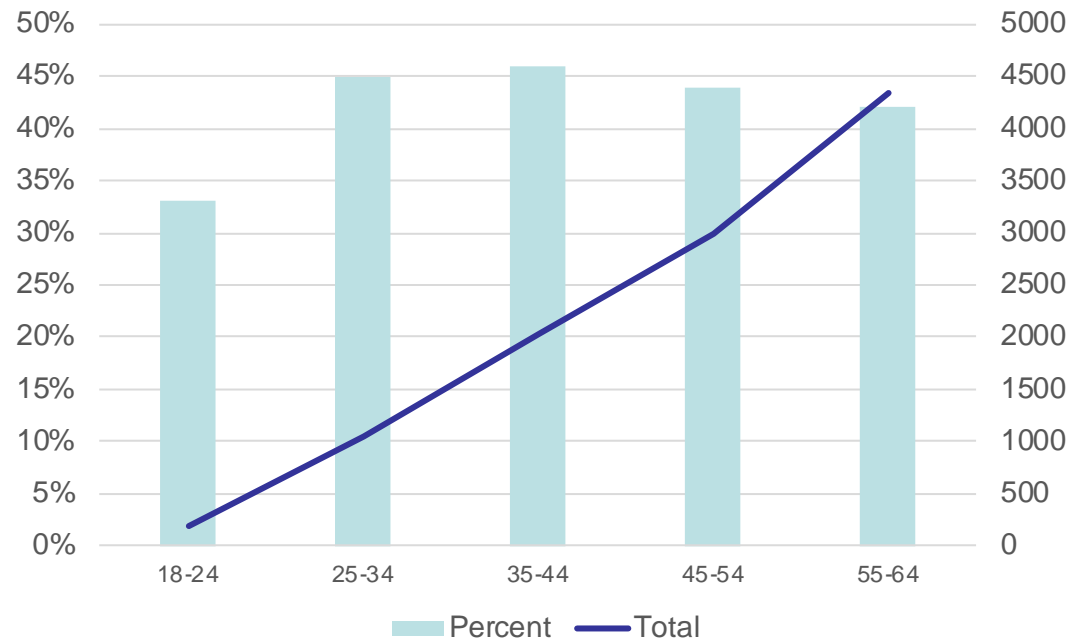
- Direct submission of SQL queries to UPMC and AHN
- More customized than RiskScape
- Health systems review, approve, and return aggregate data where cell counts are  $\geq 5$
- Currently using PopMedNet to answer diabetes/HTN questions related to:
  - Control status
  - Risk factor distribution (with and without diabetes/HTN)
  - pregnancy
- Stratifying all queries by demographic variables and payer to understand opportunities for intervention



# PopMedNet Example - Hypertension Control Among Medicaid Recipients

- 10,366/40381 (25.7%) of Medicaid Recipients have HTN
- 43% of Medicaid recipients with HTN have uncontrolled HTN
- Control status varies by race and age
- 48% of Black Medicaid recipients with HTN have uncontrolled HTN compared to 39% of white Medicaid recipients

Total HTN Cases and Percent Uncontrolled Among Medicaid members by Age Group





## Queries Currently Building to Answer...

- Which communities and populations have the greatest burden of risk factors among residents with and without diabetes/HTN?
- Among those with a diagnosis, which communities and populations have greatest burden of uncontrolled diabetes/HTN?
- What is the distribution of risk factors among pregnant females (18-44)?
- What is the relationship between community characteristics and diabetes/HTN rates?



# Challenges

- Experiences with health systems compared to Massachusetts
- Customizing RiskScape
- Issues with health systems monthly updates to RiskScape
- More complex PopMedNet queries
  - Server times out after 2 hours
  - Longer queries take > 2 hours and required development of 2 stage query submission tool



## Next Steps

- Report key findings
- Disseminate and identify program opportunities
- Use for surveillance and evaluation
- Continue to work with AHN and UPMC on data sharing
- Continue to work with Commonwealth Informatics on RiskScape dashboard and PopMedNet queries
- Join the CDC-funded National Association of Chronic Disease Directors (NACDD) MENDS (Multi-state EHR-based Network for Disease Surveillance) project
  - Financing opportunity and learning community to connect with other health departments using EHR data



# COVID-19 and HIE

**Meghna Patel**

Deputy Secretary for Health Innovation

Pennsylvania Department of Health

# COVID Alert PA app

When it comes to COVID-19, we all must do our part to stop the spread. An easy way to do your part is by downloading the [COVID Alert PA app](#).

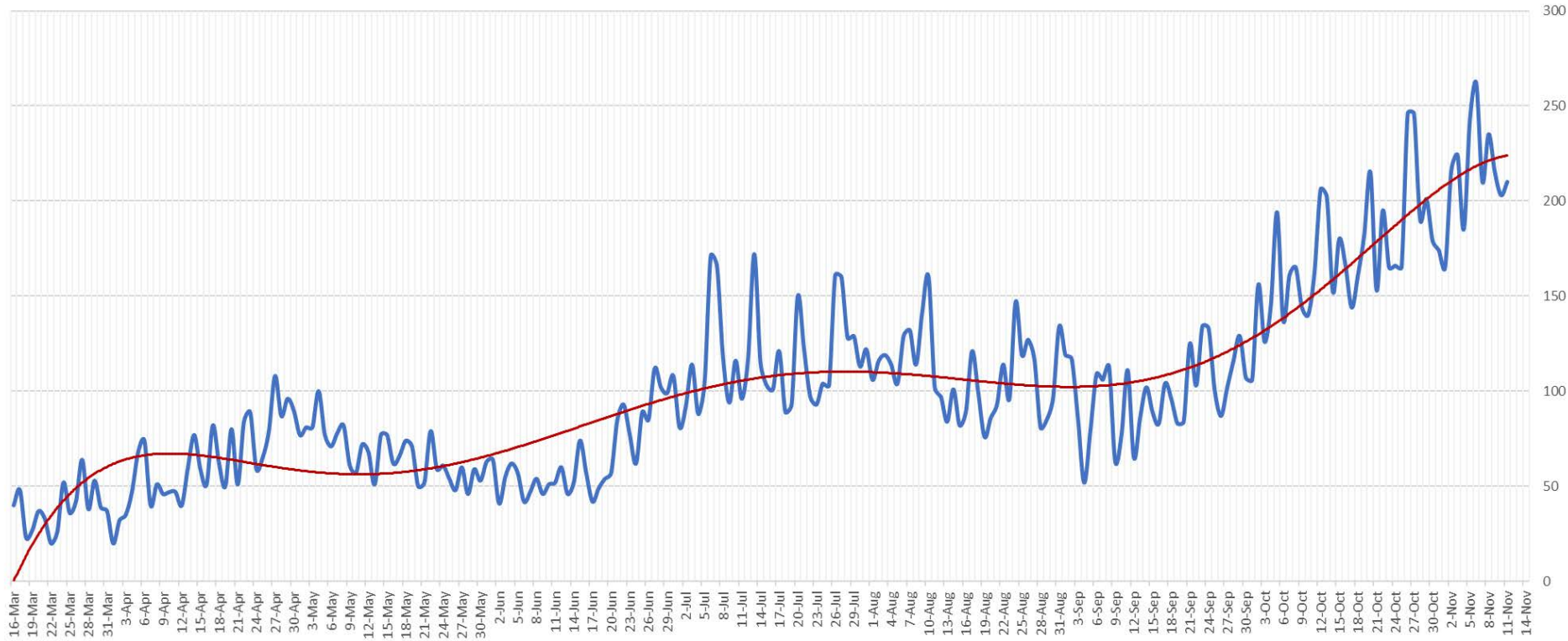


The COVID Alert PA app notifies you if you have had a potential exposure to someone who has tested positive for COVID-19. The app works by using anonymous Bluetooth technology that identifies other devices with the app in your proximity. When an app user who was near you reports they have a positive COVID-19 diagnosis, you may receive an alert, depending on the date, how long you were exposed and how close you were to the other person. It does not track your location or store your personal information.

The app also includes an interactive COVID-19 symptom checker, updates on the latest public health data about COVID-19 in PA and advice for what to do if you have a potential exposure to COVID-19.

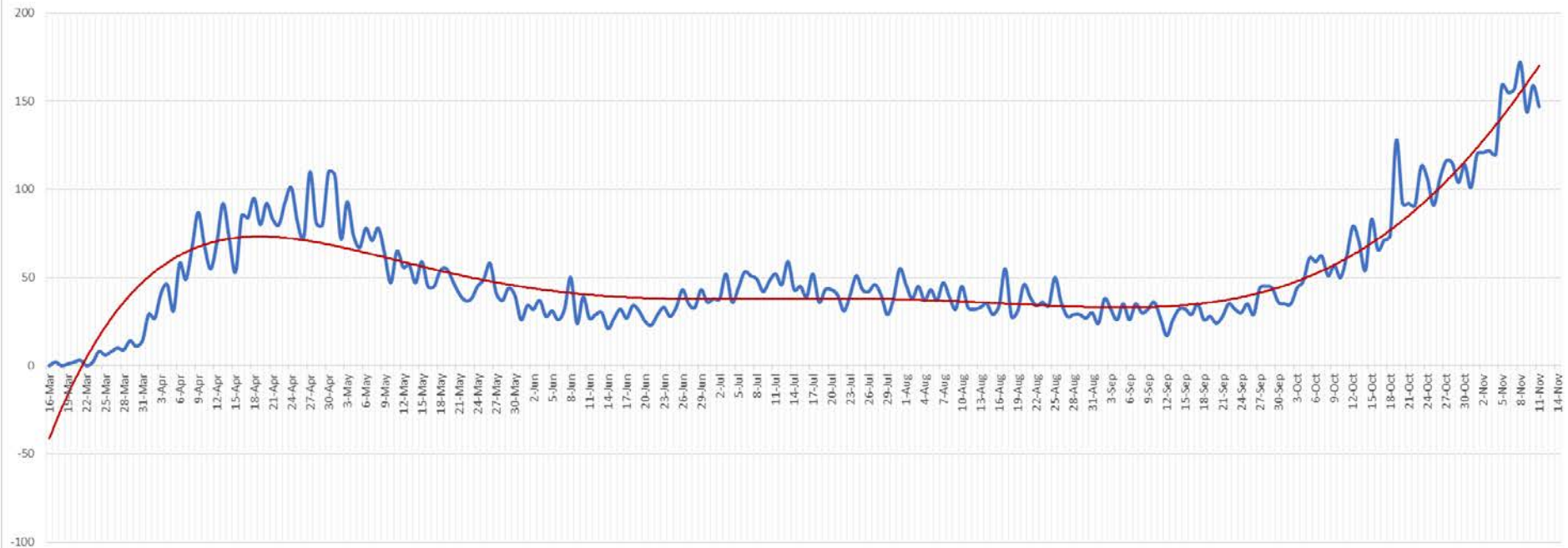
# P3N ADT COVID-19 Surveillance

Daily COVID-19 EXPOSED Cases from P3N



# P3N ADT COVID-19 Surveillance

Daily COVID-19 CONFIRMED Cases from P3N

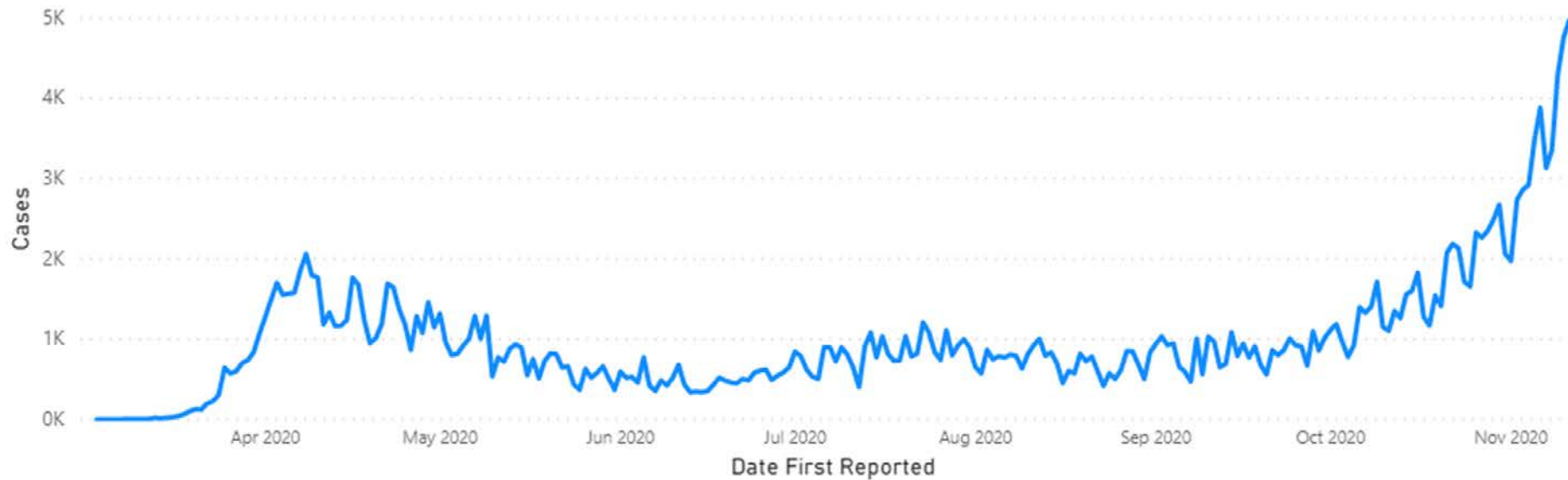


# DOH COVID-19 Cases

FOR COMPARISIN WITH DEPT. OF HEALTH CORONAVIRUS (COVID-19) WEBSITE

<https://www.health.pa.gov/topics/disease/coronavirus/Pages/Coronavirus.aspx>

November 12, 2020 - 12:00 p.m. Update



# HIE Trust Community Committee

**Keith Cromwell**

Program Manager

Central PA Connect Health Information Exchange

# HIE Trust Community Committee

## Chairperson:

- Kimberly A. Chaundy, Sr. Director HIE & Interoperability, KeyHIE

## HIE Trust Community Committee Meeting Summaries:

- HIETCC Meeting Agenda, October 14, 2020
- HIETCC Meeting Minutes, September 9, 2020
- HIETCC Meeting Minutes, August 5, 2020

## Next HIE Trust Community Committee Meeting:

- November 18, 2020

# HIE Trust Community Committee

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

- HITECH – FFY 2020 and 2021 Projects
- Interstate Data Sharing – CRISP Connectivity
- Discrete Documents
  - Sharing Discrete Clinical Documents Across P3N
  - Transparency of HIO Member Submissions to Clinical Data Repository
  - Normalization of Document Naming Conventions
- PDMP – Onboarding to RxCheck PDMP through Public Health Gateway
- Encounter Notification – P3N ADT Service Inpatient Expansion
- Care Coordination – Office of Long-Term Living Explained Payer Data Needs
- Super Protected Data – Code Set Updated
- COVID-19 – Coronavirus Related Activity
- P3N Certification Package – Annual Review Completed with no Changes
- Electronic Case Reporting – Registry Development



# Mount Nittany Exchange Overview

**Doug Carroll**

Director of Information Services

Mount Nittany Health

# Mount Nittany Exchange

We give you the tools you need to keep your  
community healthy



# MNX Background

- Focus on offering an HIE option for smaller organizations in central PA
- Partners with limited resources, not always eligible for federal incentive programs
- The need for a low barrier-to-entry option with basic capabilities
- Launched and onboarded with statewide exchange P3N in June 2016
- Today, **18** member organizations in varying states of onboarding completion (ex: Mount Nittany Health, Clarion Hospital, Punxsutawney Area Hospital, Tyrone Hospital, WellSpan Health, orthopedics office, FQHC, independent pediatrics office, etc.)

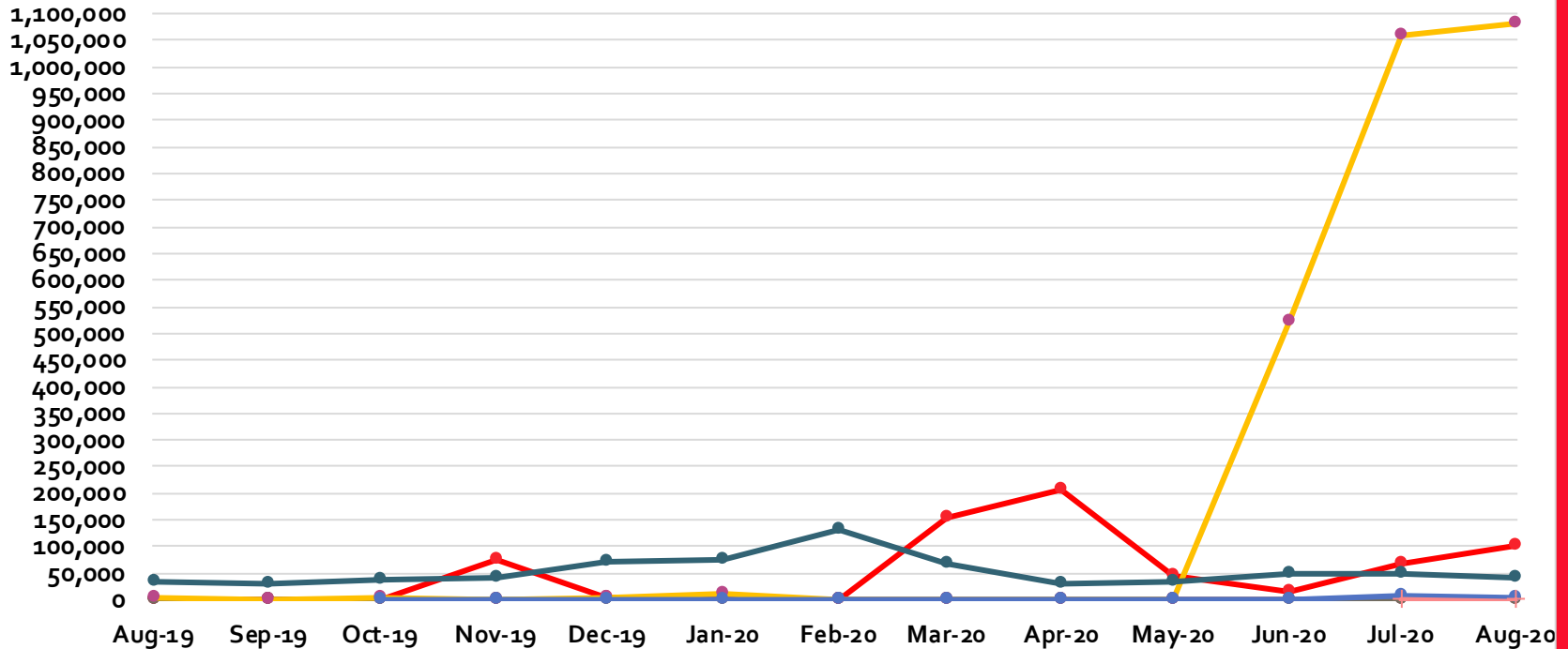
# Current Focus

- Evaluating value-add opportunities in transitions of care, imaging, and other information not necessarily contained in ADTs and CCD/CCDAs
- Committed to connecting our members to broader multi-state/vendor exchanges in the coming years, preferably via P3N

# Recent Successes

Total # of successful inbound Participant document retrieves P3N processed

Target: 2,000,000/month - Red (1,227,695 for August 2020)



	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20
KEYHIE	378	368	496	77,136	5,863	5,226	636	153,573	205,834	45,540	15,513	68,930	102,255
CCHIE	40	35	31	18	43	20	91	103	54	69	51	93	77
HSX	3	18	23	39	277	256	475	308	225	515	789	632	685
Mt. Nittany	2,355	1,317	3,775	2,164	4,627	11,270	208	0	1	28	522,223	1,058,930	1,080,879
CPCHIE	34,253	29,416	36,489	41,573	73,484	74,718	132,828	67,991	28,882	34,668	50,145	49,523	39,926
PA DOC			558	1	348	430	1,919	315	316	881	2,105	8,170	3,726
P3N Web Portal												213	147

# Questions

[info@mountnittanyexchange.org](mailto:info@mountnittanyexchange.org)

(814) 231-7009

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

# PA eHealth Draft Annual Report Review

**Christy Stermer**

**Program and Fiscal Manager**

Pennsylvania eHealth Partnership Program

Office of Medical Assistance Programs

Pennsylvania Department of Human Services

# Draft Annual Report

DRAFT PA eHealth Annual Report for SFY 2019/2020

11/12/2020



**pennsylvania**

DEPARTMENT OF HUMAN SERVICES

***DRAFT*** ***DRAFT*** ***DRAFT*** ***DRAFT*** ***DRAFT*** ***DRAFT***

## **Pennsylvania eHealth Partnership Program**

***Annual Report to the Governor and General Assembly  
Under Act 76 of 2016  
for the Fiscal Year Ended June 30, 2020***



**pennsylvania**

DEPARTMENT OF HUMAN SERVICES



# Draft Letter from the Secretary

Fiscal Year 2019-2020 was marked by the COVID-19 Public Health Emergency, which provided unique opportunities to leverage the investments Pennsylvania has made in regional and statewide health information. Beginning in March 2020, PA eHealth began facilitating weekly meetings of the five Pennsylvania Patient and Provider Network (P3N) Certified Health Information Organizations (HIOs) to learn from each other's experiences and to respond to data calls from the Pennsylvania Department of Health (DOH). The five HIOs agreed to allow PA eHealth to use the P3N Encounter Notification Service (ENS) data for daily COVID-19 reports of exposed and confirmed COVID-19 cases to DOH. In order to speed up the reporting of COVID-19 test results to DOH, many additional providers onboarded to the Public Health Gateway (PHG) for Electronic Lab Reporting through their HIO.

## Draft Letter from the Secretary (cont.)

During this year we added the Pennsylvania Department of Corrections to the P3N and Medical Assistance Fee-For-Service Case Managers began accessing the P3N for immediate access to health records of their clients. PA eHealth also made great progress toward enriching services offered by the statewide health information exchange (HIE). DHS leveraged managed care contracts, value-based payment programs, and federal Health Information Technology for Economic and Clinical Health Act (HITECH) funding to substantially increase provider and payer participation in HIE in Pennsylvania.

This report provides a summary of PA eHealth's activities and accomplishments, a summary of receipts and expenditures, a list of contracts entered, and a summary of reportable breaches.

# 1. Leveraging state services and resources

- PA eHealth supported production connections to four Department of Health public health registries and one Department of Human Services (DHS) registry.
- PA eHealth onboarded 3 HIOs to the Prescription Drug Monitoring Program (PDMP) through the Public Health Gateway (PHG) and Lancaster General Health began using RxCheck PDMP gateway.
- PA eHealth continued work with IBM in developing a robust provider directory leveraging data from DHS, Department of Health (DOH), Department of Aging (PDA), Department of Drug and Alcohol Programs (DDAP), Department of State (DOS) and the Centers for Medicare and Medicaid Services (CMS).

## 2. Expanding coverage area of exchange

- In September 2019, PA eHealth completed onboarding the Pennsylvania Department of Corrections' (DOC) electronic health record (EHR) system, which covers all 25 state correctional institutions, to the P3N.
- DHS awarded \$4.45 million in HIE Onboarding Grants to connect 62 inpatient (including 52 nursing homes) and 53 ambulatory providers to P3N Certified HIOs.

## 3. Increasing bi-directional access to PHG

- DHS awarded \$65,000 to HIOs to support their efforts to connect their member organizations (MOs) to public health registries through PHG.
- In the last week of June 2020, DOH processed more than 50,000 PA-SIIS messages through the PHG and more than 140,000 total DOH PHG messages were processed that week.
- All five P3N Certified HIOs achieved production status with one or more PHG registries and all five have production connections to the Electronic Lab Registry (eLR).
- Thirty HIO MOs are reporting the results of COVID-19 tests to eLR through the PHG.
- PA eHealth also provided funding to DOH to support ongoing development of the PHG and registries, including Electronic Case Reporting (eCR).

## 4. Improving data quality through analytics

- Worked with the National Center for Quality Assurance and P3N HIOs to explore certification strategies to leverage their clinical data repositories for payer members' clinical quality measure analytics to replace or supplement paper chart reviews.
- Provided all HIO demographic data fill-rate reports to HIOs on a monthly basis and provided a weekly report to each HIO that identifies individual patient registrations with missing demographic information.
- Patient matching or linking has steadily increased from 21.6% in June 2019 to 30.5% in June 2020.

## 5. Enhancing the types of data exchanged

- PA eHealth used the P3N ENS data for daily COVID-19 reports of exposed and confirmed COVID-19 cases to DOH.
- Three of the P3N Certified HIOs began sharing real-time inpatient (IP) ADT information with the P3N in addition to emergency department (ED) ADTs so that a patient's care team can be alerted to the patient's ED and IP encounter even if the patient is in a different HIO.
- Began collecting opioid use disorder (OUD) Continuity of Care Documents (CCD) in the DHS electronic clinical quality measure (eCQM) registry for select Medicaid OUD ED encounters.
- Three P3N HIOs began sharing discrete clinical documents in response to P3N queries.
- The new P3N Advance Directive Registry went into production in June 2020 to provide a statewide centralized registry available to healthcare providers in Pennsylvania.
- Awarded funding to the Allegheny County Health Department (ACHD) for open-source population analytics and visualization software...

## 6. Updating the certification program

- The P3N HIE Trust Community Committee reviewed the P3N HIO Certification Package and added a new Downtime Notification Policy effective January 1, 2020.
- HIETCC also adjusted HIO insurance requirements to align with current insurance industry practices and added new P3N services.
- PA eHealth worked with DHS, the five HIOs, and DOC to update the coding used to prevent super-protected information from being shared across the P3N.



## 7. Offering expanded system access

- Medicaid FFS Case Managers began using the P3N Portal to improve the timeliness and completeness of their care plans for new and vulnerable enrollees.
- PA eHealth has been in discussions with the DOH Women Infant and Children (WIC) Program to provide their pediatric nutritionists with access to the P3N Portal to support a new telehealth model.
- PA eHealth awarded onboarding grant funding for the Department of Aging's PACE Program to connect to a P3N Certified HIO.

## 8. Facilitating inter-state exchange

- PA eHealth engaged in discussions with Maryland, West Virginia, and Delaware on options for alerting a patient's home care team when the patient crosses state boundaries for health care services.
- Secured a no-cost contract change request with IBM to onboard the Chesapeake Regional Information System for our Patients (CRISP) to the P3N ADT Service.

# Summary of Receipts and Expenditures

Receipts Detail Report PA eHealth Partnership Authority (July 1, 2019–June 30, 2020)		
Business Area 21		
Description	Transaction Amount	Notes
Budget Amount	\$ 13,010,134.00	SFY 19/20 Budget Across all Funds
Deposit - Interagency	\$ 620,000.00	SFY 19/20 P3N HIO User Fees
<b>TOTAL</b>	<b>\$ 13,630,134.00</b>	

Summary of Expenditures PA eHealth Partnership Authority (July 1, 2019–June 30, 2020)	
Business Area 21	
Expenditure Type	Expended Amount
Personnel	\$ 583,054.54
Operational	\$ 1,525,662.68
Grants	\$ 3,501,505.17
<b>Total</b>	<b>\$ 5,610,222.39</b>

# List of Contracts

Contract Type	Grantee Name	PA Vendor #	Contract #	Contract Amount	Notes
Grant	Clinical Connect	793238	21OB20202	\$50,000	Ambulatory Onboarding Grant Program
Grant	Clinical Connect	793238	21OB20102	\$100,000	Hospital/Facility Onboarding Grant Program
Grant	CPC HIE	117652	21OB20200	\$175,000	Ambulatory Onboarding Grant Program
Grant	CPC HIE	117652	21OB20100	\$550,000	Hospital/Facility Onboarding Grant Program
Grant	HealthShare Exchange of Southeastern PA	777978	21OB20103	\$1,050,000	Hospital/Facility Onboarding Grant Program
Grant	HealthShare Exchange of Southeastern PA	777978	21OB20203	\$725,000	Ambulatory Onboarding Grant Program
Grant	KeyHIE	793863	21OB20201	\$375,000	Ambulatory Onboarding Grant Program

# List of Contracts (cont.)

Contract Type	Grantee Name	PA Vendor #	Contract #	Contract Amount	Notes
Grant	KeyHIE	793863	21OB20101	\$1,400,000	Hospital/Facility Onboarding Grant Program
Grant	HealthShare Exchange of Southeastern PA	777978	21PHG20200	\$5,000	PHG Grant Program
Grant	KeyHIE	793863	21PHG20201	\$60,000	PHG Grant Program
SS	KeyHIE	793863	4100085889	\$300,000	Radiology Image Sharing Project
IGA	Allegheny County	159001-002	4100085860	\$500,000	Allegheny County Population Health Project
MOU	PA Department of Health	689874	400021833	\$1,062,520	Public Health Gateway Projects
<b>TOTAL</b>				<b>\$6,352,520</b>	

# Reportable Security Breaches

- The Pennsylvania Patient and Provider Network (P3N) experienced no reportable security breaches in 2019-2020.

# Advisory Board Vice Chair Election

## Pennsylvania eHealth Partnership Advisory Board Bylaws

### **Section 4. Vice Chairperson.**

*The Advisory Board members shall annually elect, by a majority vote of the members, a vice chairperson from among the appointed members of the Advisory Board, who shall serve as acting Chairperson in the absence of the Chairperson or if there is a vacancy in said Chairpersonship.*

Vice Chairperson election to be held during the November 13, 2020 Advisory Board Meeting for Calendar Year 2021.

Current Vice Chair, Mr. Paul McGuire, accepted his nomination during the August 14, 2020 Advisory Board Meeting.

Nominations for Vice Chairperson are open until the election.

# 2021 Advisory Board Meeting Dates

Friday, February 12, 2021 – Skype Meeting from 10 a.m. - 12 noon

Friday, May 7, 2021 – H&W Building, Room 327 from 10 a.m. - 2 p.m.

Friday, August 6, 2021 – H&W Building, Room 327 from 10 a.m. - 2 p.m.

Friday, November 5, 2021 – H&W Building, Room 327 from 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>