Pennsylvania eHealth Partnership Program

Annual Report to the Governor and General Assembly Under Act 76 of 2016 for the Fiscal Year Ended June 30, 2019

Letter from the Secretary

To: Governor Tom Wolf
        President pro tempore, Joseph Scarnati III
        Speaker of the House of Representatives, Mike Turzai

The Pennsylvania Department of Human Services (DHS) is pleased to present the Pennsylvania eHealth Partnership Program (PA eHealth) Annual Report, which covers state fiscal year 2018-2019 from July 1, 2018 to June 30, 2019.

Fiscal Year 2018-2019 was marked by successes and accomplishments on behalf of Pennsylvania's patients and providers. PA eHealth 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.

During this year we added a new Pennsylvania Patient and Provider Network (P3N) Certified Health Information Organization (HIO) and negotiated and signed a new participation agreement with all our P3N HIOs to better enable and secure statewide health information exchange. We have also engaged a broader health care stakeholder community in advancing interoperability by seating the Pennsylvania eHealth Partnership Advisory Board in October 2018. The Advisory Board began meeting quarterly in December 2018.

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.

PA eHealth is instrumental in helping DHS achieve its goals of delivering integrated whole-person care and helping to control health care costs. We are proud of the progress we've made, and we look forward to doing our part to make HIE a key element in improving the health care and well-being of all Pennsylvanians.

Sincerely,

Teresa D. Miller
Secretary
Department of Human Services

Act 76 of 2016 and the Pennsylvania eHealth Partnership Program

The Pennsylvania eHealth Partnership Program, created under Act 76 of 2016, is required to "submit an annual report to the Governor, the President pro tempore of the Senate and the Speaker of the House of Representatives for distribution to appropriate legislative committees on the activities of the program for the year, including a summary of the receipts and expenditures, a list of contracts and a summary of any reportable security breaches that occurred and corrective actions that were taken."

Transition from Authority to Department of Human Services

The Pennsylvania eHealth Partnership Authority (Authority), the Pennsylvania eHealth Partnership Program's (PA eHealth) predecessor entity, was created by Act 121 of 2012. The authorizing legislation included a 2017 expiration and a requirement that, one year prior to expiration, the Legislative Budget and Finance Committee (LBFC) "evaluate the management, viability, and performance of the health information exchange and shall provide a report to the Communications and Technology Committee of the Senate and the Health Committee of the House of Representatives. The report shall include recommendations as to reauthorization of the Authority, dissolution of the Authority, or assumption of the Authority's responsibilities and assets by another entity."

The LBFC evaluation and subsequent report occurred concurrently with the introduction and subsequent passage of legislation moving the Authority into the Department of Human Services (DHS). The **full report**, and **report highlights**, are available on the LBFC website, and provide extensive background and history of the Authority and its work toward developing the state's health information exchange.

In 2016, Act 76 created PA eHealth within DHS. Concurrent with the passage of Act 76, Act 121 of 2012 was repealed, and the Authority and its governing board were disbanded. All the programmatic responsibilities of the Authority transitioned to DHS' PA eHealth in the Office of Medical Assistance Programs (OMAP).

The Pennsylvania Patient and provider Network (P3N) Health Information Exchange Trust Community Committee (HIETCC), comprised of leaders within regional health information organizations (HIO), has met on a monthly basis since November 2013. PA eHealth and HIETCC participated in reviewing and updating the complete P3N HIO Certification Package in 2018; DHS and all five P3N Certified 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. The Pennsylvania eHealth Partnership Advisory Board was seated in October 2018 and began meeting quarterly in December 2018.

This 2018-2019 Pennsylvania eHealth Partnership Program Annual Report covers accomplishments and activities of PA eHealth during state fiscal year 2018-2019 from July 1, 2018 to June 30, 2019.

Summary of Activities and Accomplishments

During the report year, state fiscal year 2018-2019, the Pennsylvania eHealth Partnership Program (PA eHealth) executed against the eight strategies of the "Pennsylvania eHealth Partnership Program Strategic Plan, January 1, 2018-June 20, 2021." PA eHealth's summary of activities and accomplishments are organized under these eight strategies, as outlined below.

1. **Improving existing services by leveraging other state services and resources**
    - In fiscal year 2018-2019, PA eHealth worked with Medicaid physical health managed care organizations (MCOs) and their patient centered medical homes (PCMH) to join a Health Information Organization (HIO) to be eligible for value-based payment incentive payments; this increased HIO membership and in turn became a source to build repositories of clinical data, improving patient care coordination.
    - PA eHealth supported production connections to three (3) Department of Health public health registries and one (1) Department of Human Services (DHS) registry.
    - During state fiscal year 2018-2019, PA eHealth began onboarding 3 HIOs to the Prescription Drug Monitoring Program (PDMP) through the Public Health Gateway (PHG).
    - PA eHealth worked with IBM in the development of a robust provider directory leveraging data from DHS, Department of Health (DOH), Department of Aging (DOA), Department of Drug and Alcohol Programs (DDAP), Department of State (DOS) and the Centers for Medicare and Medicaid Services (CMS).

2. **Expanding the coverage area of providers exchanging data**
    - In May 2019, PA eHealth certified our newest HIO, the Central Pennsylvania Connect HIE, administered by Penn Medicine Lancaster General Health.
    - During spring 2019, PA eHealth began onboarding the Pennsylvania Department of Corrections' (DOC) electronic health record (EHR) system, which covers all 25 state correctional institutions, to the Pennsylvania Patient and Provider Network (P3N).
    - In state fiscal year 2018-2019, in order to drive greater participation in the P3N Admission Discharge Transfer (ADT) Service, DHS linked P3N ADT Service participation to a Hospital Quality Incentive Program (HQIP) designed to reward hospitals for developing treatment pathways for MA Opioid Use Disorder patients who present in the emergency department. The HQIP was the primary driver for getting all five P3N Certified HIOs participating in the P3N ADT Service and additional acute care hospitals to join P3N HIOs.
    - During state fiscal year 2018-2019, DHS awarded $3.5 million in HIO Onboarding Grants across all five (5) P3N certified HIOs to increase the number of providers connected to HIOs.

3. **Increasing bi-direction access to Public Health Gateway**
    - DHS awarded $300,000 to HIOs to support their efforts to connect their member organizations (MOs) to the PHG.
    - Outside of the PHG Grant Program, PA eHealth onboarded the entire Geisinger Health System to the PA State Immunization Information System (PA-SIIS). By June 2019 DOH processed more than 35,000 PA-SIIS messages through the PHG each week.

- PA eHealth provided information to the HIO's about the six registries available through the PHG.
- PA eHealth also provided funding to DOH to support ongoing development of the PHG and registries.

4. **Improving data quality through analytics**
   - By collaborating with IBM and our HIOs, PA eHealth increased compliance with patient demographic information reporting and improved the Master Patient Index (MPI) match rates.
   - In addition to demographic data fill-rate reports provided to HIOs on a monthly basis, provided, and continue to provide, a weekly report to each HIO that identifies individual patient registrations with missing demographic information.
   - Patient matching or linking has steadily increased over this report period from 15.44% in December 2017 to 21.56% in June 2019.

5. **Enhancing the types of data exchanged**
   - All five HIOs now share real-time emergency department (ED) ADT information with the P3N so that a patient's care team can be alerted to the patient's ED encounter even if the patient is in a different HIO.
   - In state fiscal year 2018-2019, PA eHealth awarded funding to the Keystone HIE so that electronic images of existing radiology and mammography images may be shared across a network of care team members to improve care and reduce unnecessary radiology exposure to patients.
   - PA eHealth worked with IBM to develop a P3N Advance Directive Registry to provide a statewide centralized registry available to healthcare providers in PA.
   - In state fiscal year 2018-2019, PA eHealth awarded funding to the Allegheny County Health Department (ACHD) to work with Western Pennsylvania's two largest health systems to implement an open-source population analytics and visualization software tool to conduct population health analysis of EHR data aggregated from the participating systems. Eventually the collaborators will use software to analyze geographical distribution of diabetes and hypertension, looking at disease progression, treatment, and control.

6. **Updating the certification program**
   - During state fiscal year 2018-2019, PA eHealth worked extensively with the P3N HIETCC to review and update the HIO Certification Package that was originally developed when PA eHealth was an independent state agency.
   - In addition to the many administrative changes required as a result of moving under DHS, the HIETCC added a new security policy to the certification package, which increased the security requirements for all the participants.
   - DHS and all the P3N HIOs are now bound to Version 4 of the P3N Participation Agreement, its policies, and technical requirements.

7. **Offering expanded system access**
   - During state fiscal year 2018-2019, PA eHealth and IBM enabled access for state care managers by increasing access to the P3N patient portal.
   - During SFY state fiscal year 2018-2019, the HIETCC addressed restricted self-pay protected health information from disclosure to payers when a patient pays for a health care service and requests that encounter data not be shared with their payer.

8. **Facilitating inter-state and federal exchange**
   - PA eHealth worked with IBM to enable National eHealth Exchange connectivity for the one remaining P3N Certified HIO not directly connected to the National eHealth Exchange.
   - PA eHealth secured several concessions from the National eHealth Exchange on their application and technical requirements in state fiscal year 2018-2019 so that PA eHealth conformed to Commonwealth legal requirements.
   - The P3N application to join the National eHealth Exchange was, and is, under internal legal review.
   - PA eHealth engaged in discussions with neighboring states on options for alerting a patient's home care team when the patient crosses state boundaries for health care services.

Summary of Receipts and Expenditures

Receipts Detail Report PA eHealth Partnership Authority (July 1, 2018–June 30, 2019)		
Business Area 21		
Description	**Transaction Amount**	**Notes**
Budget Amount	$ 14,176,392	SFY 18/19 Budget Across all Funds
Deposit - Interagency	$ 752,000	SFY 18/19 P3N HIO User Fees
TOTAL	**$ 14,928,392**	

Summary of Expenditures PA eHealth Partnership Authority (July 1, 2018–June 30, 2019)	
Business Area 21	
Expenditure Type	**Expended Amount**
Personnel	$ 561,921
Operational	$ 1,985,216
Grants	$ 4,618,877
Total	**$ 7,166,014**

List of Contracts

List of Contracts Executed PA eHealth Partnership (July 1, 2018- June 20, 2019)					
Business Area 21					
Contract Type	**Grantee Name**	**PA Vendor #**	**Contract #**	**Contract Amount**	**Notes**
Grant	Clinical Connect	793238	21OB19201	$45,000	Ambulatory Onboarding Grant Program
Grant	Clinical Connect	793238	21OB19101	$270,000	Hospital/Facility Onboarding Grant Program
Grant	CPC HIE	117652	21OB19204	$50,000	Ambulatory Onboarding Grant Program
Grant	HealthShare Exchange of Southeastern PA	777978	21OB19102	$870,000	Hospital/Facility Onboarding Grant Program
Grant	HealthShare Exchange of Southeastern PA	777978	21OB19202	$620,000	Ambulatory Onboarding Grant Program
Grant	HealthShare Exchange of Southeastern PA	777978	21OB19301	$10,000	Portal Onboarding Grant Program
Grant	KeyHIE	793863	21OB19203	$1,002,500	Ambulatory Onboarding Grant Program
Grant	KeyHIE	793863	21OB19103	$500,000	Hospital/Facility Onboarding Grant Program
Grant	Mount Nittany Medical Center	657990	21OB19104	$110,000	Hospital/Facility Onboarding Grant Program
Grant	Clinical Connect	793238	21PHG19101	$5,000	PHG Grant Program
Grant	Clinical Connect	793238	21PHG19201	$5,000	PHG Grant Program
Grant	CPC HIE	117652	21PHG19104	$10,000	PHG Grant Program

Contract Type	Vendor Name	PA Vendor #	Contract #	Contract Amount	Notes
Grant	CPC HIE	117652	21PHG19204	$185,000	PHG Grant Program
Grant	HealthShare Exchange of Southeastern PA	777978	21PHG19102	$5,000	PHG Grant Program
Grant	HealthShare Exchange of Southeastern PA	777978	21PHG19202	$20,000	PHG Grant Program
Grant	KeyHIE	793863	21PHG19103	$5,000	PHG Grant Program
Grant	KeyHIE	793863	21PHG19203	$60,000	PHG Grant Program
SS	KeyHIE	793863	4100082284	$300,000	Radiology Image Sharing Project
IGA	Allegheny County	159001-002	4100083064	$500,000	Allegheny County Population Health Project
MOU/ NOS	PA Department of Health	689874	400021833	$1,259,220	Public Health Gateway Projects
CRF	IBM		CRF # 60	$186,667	Advance Care Plan Registry
TOTAL				$6,018,387	

Summary of Reportable Security Breaches

The Pennsylvania Patient and Provider Network (P3N) experienced no reportable security breaches in 2018-2019.

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