P3N Certified Health Information Organizations (HIOs)

	Central Pennsylvania Connect Health Information Exchange	ClinicalConnect Health Information Exchange (CCHIE)	HealthShare Exchange	Keystone Health Information Exchange	Lehigh Valley Health Network
Basic Information					
Website	http://www.centralpaconnect.org	http://www.clinicalconnecthie.com	https://www.healthshareexchange.org	https://www.keyhie.org	https://www.lvhn.org/
Contact Name	Keith Cromwell	Laura A. Mosesso	Martin Lupinetti	Kim Chaundy	Asha Shah
Contact Phone	717-544-6403	412-864-4336	855-479-7372	570-214-9438	484-672-8616
Contact Email	keith@centralpaconnect.org	https://www.clinicalconnecthie.com/how-to-join	info@healthshareexchange.org	KeyHIEAdmin@KeyHIE.org	Asha.shah@lvhn.org
Current Customers					
Major Customers	http://www.centralpaconnect.org	https://www.clinicalconnecthie.com/current-providers	https://www.healthshareexchange.org/current-participants	https://www.keyhie.org/about-us/participating-providers	https://www.lvhn.org/
EHR Systems Currently Connected to the HIO. Note: Each HIO may connect to many different EHR systems. A sample of offerings is listed and may not be all inclusive. HIE protocols must be followed. There are general requirements to connect and alternative solutions can be offered to meet protocols.	Each HIO may connect to many different EHR systems. A sample of offerings is listed and may not be all inclusive: Epic Athena Medent Greenway Health Allscripts NetSmart Point Click Care Matrix Care Emergency Service Organization	Each HIO may connect to many different EHR systems. A sample of offerings is listed and may not be all inclusive: Allscripts, Allscripts Enterprise, Allscripts Paragon, Allscripts SCM, Allscripts Touchworks, Aria, Cerner, eClinicalWorks, EPIC, Evident, MatrixCare, Medent, Meditech, Meditech Expanse, NextGen, Streamline	*Each HIO may connect to many different EHR systems. A sample of offerings is listed and may not be all inclusive: Allscripts, Epic, PointClickCare, eClinicaL Works, Athena, Cerner, Meditech, GE Centricity, NExtGen, Matrix Care, Wellsky, Netsmart*	*Each HIO may connect to many different EHR systems. A sample of offerings is listed and may not be all inclusive: Acumen AdvancedMD Allegheny Allscripts Athena Health Care360 Cerner eClinicalWorks EPIC GE Centricity Greenway Kinnser Liberty RXQ MatrixCare McKesson Medent Meditech Nextgen Netsmart*	*Each HIO may connect to many different EHR systems. A sample of offerings is listed and may not be all inclusive: Epic*
Provider Types Connected	• Hospital/Academic Medical Center • Community Clinic/FQHC/FQHC Look-a-Like/Safety Net Provider/City Clinics • Ambulatory Primary Care Physician Practice • Ambulatory Specialist Care Physician Practice • Home Health Agencies • Nursing Home/Long-Term Care/Post-Acute Care Facility • Mental Health/Behavioral Health/Substance Abuse Facility • In-Patient Rehabilitation • Accountable Care Organization • Physical/Occupational Therapy Practice • Urgent Care Center	• Hospital/Academic Medical Center • Critical Access Hospitals • Community Clinic/FQHC/FQHC Look-a-Like/Safety Net Provider/City Clinics • Ambulatory Primary Care Physician Practice • Ambulatory Specialist Care Physician Practice • Ambulatory Surgery Center/Outpatient Surgery Center • Nursing Home/Long-Term Care/Post-Acute Care Facility — • Outpatient Cancer Treatment CenterPhysical/Occupational Therapy Practice • In-Patient Rehabilitation • Pediatric Rehabilitation Practice • Urgent Care Center • Integrated Health Network • Accountable Care Organization • Managed Care Organization • Payer/Health Plan • Socail Service Agency •Home Health Agency •Pediatric Outpatient Clinic •Intermediate Care Facility	• Hospital/Academic Medical Center/Speciality Hospitals • Community Clinic/FQHC/FQHC Look-a- Like/Safety Net Provider/City Clinics • Ambulatory Primary Care Physician Practice • Ambulatory Specialist Care Physician Practice • Ambulance/Emergency Center Services • Dietary Services Organization • Home Health Agencies • Nursing Home/Long-Term Care/Post-Acute/Care Facility • Mental Health/Behavioral Health/Substance Abuse Facility • Population Health Service Organization • In-Patient Rehabilitation • Accountable Care Organization • Managed Care Organization • Integrated Health Network • Payer/Health Plan • Urgent Care Centers	• Hospital/Academic Medical Center • Critical Access Hospitals • Community Clinic/FQHC/FQHC Look-a-Like/Safety Net Provider/City Clinics • Ambulatory Primary Care Physician Practice • Ambulatory Specialist Care Physician Practice • Ambulance/Emergency Center Services • Home Health Agencies • In-Patient Rehabilitation • Nursing Home/Long-Term Care/Post-Acute Care Facility • Retail Pharmacy/Independent Pharmacy — • Mental Health/Behavioral Health/Substance Abuse Facility • Urgent Care Center • Accountable Care Organization • Payer/Health Plan • Free Clinic • Ambulatory Surgery Center/Outpatient Surgery Center • Outpatient Cancer Treatment Center • Physical Occupational Therapy • Managed Care Organization • Integrated Health Network • Area Agencies on Aging • Pediatric Outpatient Clinics • Pharmacies	• Hospital and Children's Hospital • Community Clinic • Physician Practice • Health Centers • ExpressCARE locations • Testing and Imaging location • Level 1 Trauma centers • Regional Burn Center • Home Health and Hospice • In-Patient Rehabilitation • Physical Occupational Therapy • Accountable Care Organization • Integrated Health Network
Provider Type(s) Not Accepted	No restrictions.	No restrictions.	All providers and health plans are welcome.	All providers and health plans	All providers and health plans are welcome.
HIO Services					
Types of documents exchanged	*See available data table http://dhs.pa.gov/provider/healthinformationexchange/ Note: Content available depends on what contributing providers are able to include with their vendors, and is standards based.*				
HIO maintains a clinical repository	Yes	Yes	Yes	Yes	Yes
Longitudinal Medical Record (LMR)	Yes	Yes	Yes. Consolidated view of clinical documents across all	Yes. Consolidated view of records across all systems.	Yes
Customer has choice to view LMR or individual clinical	Yes	Yes	Yes	Yes	Yes
Provider-to-provider clinical	Yes	Yes	Yes	Yes	Yes
Provider-to-patient clinical messaging	No	Yes	No	Yes	Yes
Public Health Gateway Connection	Yes - Active connections to PA State Immunization Registry (PA-SIIS), Prescription Drug Montering Program (PDMP) and Electronic Lab Reporting (ELR)	No	Yes. Currently connected to Electronic Reportable Labs (ELR), Immunizations Registry, Cancer Registry, and Electronic Clinical Quality Measures (eCQM). Future connectivity to Prescription Drug Monitoring Program (PDMP) and Syndrome Surveillance	Yes	Yes
HIO-level Admission, Discharge, Transfer Alerts (ADT exchange within the HIO)	Yes for hospital emergency department, hospital inpatient, long term care admissions, discharges, and transfers.	Yes, currently connected to Electronic Reportable Labs (ELR).	Yes for hospital emergency department, hospital inpatient, long term care admissions, discharges, and transfers.	Yes for emergency visits, inpatient admissions, and discharges as well as results delivery. SMS text alerts.	Prescription Drug Monitoring Program (PDMP), PA State Immunization Registry, DoD, VA, SSA
P3N Admission, Discharge, Transfer Alerts (ADT exchange within the P3N)	Yes for hospital emergency department, hospital inpatient, long term care admissions, discharges, and transfers.	Yes	Yes. P3N Hospital emergency department notifications. HealthShare Exchange Notifications for hospital emergency department, hospital inpatient, long term care, and home health admissions, discharges, and transfers.	Yes	P3N ADT
Meaningful Use Analysis and Reporting	Available as needed	Available as needed.	Yes. Electronic Clinical Quality Measures (eCQM), Support for discharge summary Delivery (ACTF)	MU reporting provided weekly, available as needed.	Available as needed
Patient Portal	Yes - MyLGHealth. Patients are able to view information that has been discretely reported to the HIE.	No	Future Capabilities for Consumer Access to Clinical Data Repository	Yes. MyKeyCare: patients can view medical information, message with provider, request appointments, renew prescriptions and care manager interaction.	Yes- MyLVHN

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Active care coordination services	Yes - encounter notifications from other P3N participants to assist with care coordination	Yes, ADT notifications to Primary Care Providers, Care Managers, Accountable Care Organizations, Managed Care Organizations and Health Plans Care Coordinators based on patient encounters.	Yes. Healthcare encounters notifications to Primary Care Providers, Care Managers, Accountable Care Organizations, and Health Plans Care Coordinators based on patient encounters.	Yes. Notifications to care managers based on patient events.	YES- ADT notificaiton to Primary care providers
Services to non-EHR-enabled organizations	PA Navigate connection to the state-wide Resource and Referral Tool network.	Yes, ADT notifications and Direct Messaging.	Patient Subscription to Healthcare Encounters Notifications, Clinical Documents Sharing, Provider Query Portal, Health Plan Query Portal, Labs Results Delivery, Radiology Reports Results Delivery, C-CDA Discharge Summaries Sharing, MDS and OASIS to C-CDA Document Sharing, C-CDA Scorecard	Role-based notifications/reminders, document upload, query, results delivery, transform of MDS/OASIS data to CDA document, CCDA Scorecard	Yes, ADT, and summery of care documents.
Existing County Coverage Note: All HIOs will accept providers in any county. Providers are encouraged to consider a multiple factors in evaluating an HIO as a partner, including probability of having patient overlap with other regional entities and range and sophistication of services provided for the price.	All Counties Accepted. Current Counties with at least one providers in any county. Providers are: Adams Allegheny Berks Chester Dauphin Erie Franklin Lancaster Lebanon Mercer Mifflin Washington Westmoreland York	All Counties Accepted. Current Counties with at least one provider covered are: Allegheny Armstrong Beaver Bedford Blair Butler Cambria Centre Clarion Clearfield Clinton Crawford Cumberland Dauphin Erie Fayette Greene Huntingdon County Lancaster	All Counties Accepted. Current Counties with at least one provider covered are: Adams Allegheny Berks Bucks Burlington (NJ) Camden (NJ) Chester Cumberland Dauphin Delaware Glouster (NJ) Franklin Lancaster Lebanon Lehigh Luzerne Mercer (NJ) Middlesex (NJ) Montgomery	All Counties Accepted. Current Counties with at least one provider covered are: Allegheny Armstron Berks Blair Bradford Butler Cambria Carbon Centre Chester Clarion Clearfield Clinton Columbia Cumberland Dauphin Delaware Fayette Franklin Fulton	All Counties Accepted. Current Counties with at least one provider covered are: Berks Bucks Carbon Lehigh Luzerne Monroe Northamptom Schuylkill
Fees	*P3N encourages you to look at categories other than fees first, narrow down the list based on your needs, then consider fee comparison. Speak to the HIO representatives. For some types of providers there may even be no cost to connect.*				

Additional Items

	Central Pennsylvania Connect Health Information Exchange	ClinicalConnect Health Information Exchange (CCHIE)	HealthShare Exchange	Keystone Health Information Exchange		Lehigh Valley Health Network
HIO established date	2018	2011	2012	2005		2022
Public or Private HIO	Private	Private	Private	Private		Private
For profit or not for profit HIO	Not for profit	Not for profit	Not for profit	Not for profit		Not for profit
Patient consent model adopted by HIO	Opt Out	Opt Out	Opt Out	Opt in and Opt Out		Opt Out
Capture and exchange of super- protected data by the HIO	*Super-protected data is flagged or restricted by all P3N certified HIOs*					
Involvement with any other health exchanges and whether access is automatic or for an added cost.	Yes, CPCHIE is a Carequality Implementer, which allows us to facilite exchange across the Carequaltiy and Commonwell frameworks. Additional fees do apply if you are not already a Carequality end point.	Yes, eHealth Exchange nationwide health exchange (Sequoia Project). Access is automatic with no added cost.	Yes, eHealth Exchange nationwide health exchange (Sequoia Project). Access is automatic with no added cost.	Yes, eHealth Exchange nationwide health exchange (Sequoia Project). Access is automatic with no added cost		Yes, Epic CareEverywhere HIE, eHealth Exchange nationwide health exchange (Sequoia Project), Carequality. Access is automatic with no added cost.
Additional Web Links	http://www.centralpaconnect.org	The full ClinicalConnect HIE service listing is avaialbe at https://www.clinicalconnecthie.com/services-info http://www.clinicalconnecthie.com	HSX Available Services View available HSX Connect services at the above link. This will allow providers to see the entire set of HIO products and services available. See below links for HSX Value - Population Health and HSX Access. HSX Value - Population Health HSX Access	https://www.keyhie.org/		https://www.lvhn.org/about-us/lehigh-valley-physician-group-lvpg

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