





New Jersey Health Information Network

New Jersey
Innovation Institute
An NJIT Corporation



About NJHIN

New Jersey Health Information Network



NJHIN is utilized to reduce medical errors, improve data quality, make healthcare more efficient, and ultimately improve patient outcomes for all New Jersey residents.

The goal of this information-sharing and increased interoperability is to reduce the cost of healthcare and improve patient health by leveraging the Health Information Network to connect to public health registries and connect providers to their patients throughout the state.

About NJHIN

New Jersey Health Information Network

- Only network that facilitates the electronic exchange of PHI across the entire state of New Jersey
- NJHIN is funded by the Department of Health and Department Human Services
- **New Jersey Innovation Institute (NJII)** is the state-designated entity appointed to operate and manage the NJHIN
- Only network that connects to state health databases and registries allowing it to maintain a statewide patient-identifying system
- All acute-care hospitals, health information exchanges, regional health hubs, over 6,000 physicians and care teams, long-term care and assisted living organizations, providers, and non-hospital facilities are connected to the NJHIN



WHAT IS THE NJHIN?

The New Jersey Health Information Network (NJHIN) facilitates data transfer as a "network of networks"



Patients and Families

Enables patients and their families to access their HC data from multiple sources



Emergency Medical Services (EMS)

464,000+ episodes of care in EMS have been MIP enabled



Hospitals and Clinics

Enables patients and their families to access their HC data from multiple sources



Substance Use Disorder (SUD) Facilities

30+ Substance Use Disorder facilities with 6k+ patients are onboarded



Providers

Over 21,000 providers participating in the NJHIN



Public Health Registries

The NJHIN can connect directly to NJ public health registries



Long Term Care Facilities

Long Term Care facilities continue to be onboarded (currently 250+)



Providers can connect once and use the NJHIN as a conduit to share information with many different types of organizations



NJHIN TIMELINE



2009

HHS created state grants to facilitate and expand electronic use of health information

ARRA

2014

NJIT formed a 501(c)3 to create the New Jersey Innovation Institute (NJII)

2015

NJII named as the state designated entity to advance interoperability IT for the state of NJ

Initial creation of the Master Person Index (MPI)

Admission, discharge, and transfer alerts (ADT)

2018

Governor Murphy highlighted NJHIN as a priority, accelerating expansion

State mandated ADTs for hospitals, LTCs, and child-care funding

Medicaid Promoting Interoperability program worked with ~160 providers to connect to the HIE and facilitate Transition of Care

IAPD

IAPD established to enhance access to state registries including PRA, emPOLST EMS, and Birth/Fetal Death, as well as use cases for access to consumer information & enabling behavioral health consent mgmt

2019

Substance Use Disorder Promoting Interoperability Program (SUDPIP)

2020

COVID-19 adds use cases and provides funds for addl. scale

NJ passed Bill 4476, which mandates ADTs and CDAs for long-term care facilities

ELC / EDX / VAX

CCDA transmission through NJHIN added as a use case

2021

CDC mandated electronic case reporting (eCR)

Expanded Medicaid Provider Program

MPI consolidation to 1 state source

2022

Additional expansion of use cases

Accelerating provider / facility uptake of NJHIN



Developing infrastructure



Launching use cases



Expanding NJHIN's impact



Currently, all NJ hospitals,
long-term care, assisted
living, and FQHCs
are Trusted Data Sharing
Organizations connected
and contributing to NJHIN.

900+

Why participate?

Benefits of NJHIN connectivity

- Required for anyone receiving charity care funding
- Receive alerts on patient hospital events
- Improve patient outcomes
- Reduce hospital readmissions
- Improve care coordination
- Reach milestone 3 in the SUD PIP program
- Meet federal and state mandates
- No cost to participants





465 million+

notifications are sent and received by NJHIN per year from trusted data-sharing organizations



20k+

providers are currently enrolled in the NJHIN

Electronic Case Reporting (eCR)

Electronic Consent Management Registry (eConsent)

Birth/Fetal Death Registry (BFD)

Emergency Medical Services Registry (EMS)

Consumer Access

Electronic Practitioner Orders for Life-Sustaining Treatment (emPOLST)

Active Care Relationship Service (ACRS)

Consolidated Clinical Data Architecture (CCDA)

Admission, Discharge, Transfer Notifications (ADT)

Master Person Index (MPI)



Use Case Exhibit (UCE)

A **Use Case Exhibit (UCE)** is a data sharing scenario with a specific purpose, type of data exchange, and description of interactions between people and systems.



There are currently more than

14,300,000+

Records in the Master Patient Index (MPI).

A Common Identifier across all NJHIN participants provides a safe way to ensure that information transferred across the state represents the correct patient.



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For more information and to get involved:



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